Revision History

Rev #	Date	Changes/Comments
0.1	2/18/2004	Changed to new numbering format. Carried over older 2.2.3k list.
0.5	3/9/2004	Added version history, removed BCM 3.5 top alarms tab as it can be sorted from BCM Alarms-Trap tab.
1.0	3/12/2004	Added comment to Modem 52 alarm
1.1	3/12/2004	Initial issue for BCM 3.6. Included new mspqosmp, SRG, NetIQ, and voice software alarms
1.2	3/15/2004	Updated SRG alarms to correct descriptions, Added new comments to perctrs event
1.3	3/17/2004	Removed Microsoft References in Comments (Q00865725) and added Print formatting
1.4	3/22/2004	Updated UPS Alarms to actual alarms found during testing.
1.5	3/24/2004	Removed working red/green colors. Updated Summary tab.
2.0	5/17/2004	This is the issued version for BCM 3.6. Updated test results with latest PV checklist information. Updated SSM Events 1007, 2008 and 3015 added comments around CR Q00880476 as well took them off the top alarm list. Added UPS 1300 and 1320 and removed 1016. Added TCPIP event ID 4198. Added 4 generic SNMP only traps to the list. Updated summary tab.
2.1	8/29/2005	Upissued to include BCM 3.7 (no new alarms comparing to BCM 3.6).
3.0e	11/14/2005	Changed name to better reflect the scope of this document ("BCM35_Alarms_SNMPTraps…" changed to "BCM_3.x_Alarms_SNMPTraps…")

Summary and Definitions of Alarm Totals

Top Alarms	
BCM 3.0X	88
BCM 3.5	73
BCM 3.6	74
BCM 3.7	74

Current Release Top Alarm Total	74	Comments
SSM Alarms	19	Platform, Hardware, Environmental alarms. (ie. Fan failure)
Voice Software T1 Alarms	18	T1/PRI error condition alarms.
Voice Watchdog Alarms	9	Nortel Networks services failure and status alarms.
UPS Alarms	5	Power outage alarms.
Service Control Manager Alarms	3	OS Related service failure and status alarms.
BRU Alarms	2	Backup and Restore Alarms.
NetLink Manager Alarms	2	Default IP route and dial backup alarms.
NGRPCI Alarms	2	LAN Up/Down Alarms.
QoS Monitor Alarms	2	VoIP Fallback Alarms.
VoiceCTI	2	Voice Mail/ACD port busy and filesystem full alarms.
VoIP Gateway Alarm	1	IP Trunk dropped call alarm.
UTPS Alarms	1	Packet Loss to IP Set alarm.
Tcpip Alarms	1	Duplicate IP address alarm.
SRG Alarms	1	Loss of main office alarm.
Security Alarms	1	Incorrect login alarm.
Save Dump Alarms	1	OS level diagnostic alarm.

Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
										Top Alarms		
atapi	9	critical	Error	The device, \Device\ScsiPort0, did not respond within the timeout period.	For the drives in question, these timeout message are not serious if they occur at system boot. However, if several of these messages appear in the system log during normal system operation, they should be investigated. Please then contact Nortel Networks support team.		No	No	Yes	Yes	Yes	Yes
Autochk	1001	warning	Information	Checking file system on <drive>: The type of the file system is …	No action required.		No	No	No	No	No	No
BcmAmp	257	warning	Information	BcmAmp version %s has started.	None		Yes	No	No	No	No	No
BcmAmp	258	warning	Information	Shutdown Complete	None		Yes	No	No	No	No	No
BcmAmp	771	critical	Error	IP Music Error: Integrated MOH player -malformed songs.cfg file. Unable to proceed, service shutting down.	Please disable the BcmAmp player by configuring your IP Music source as either: Audio Jack or Network Audio. Contact Customer Support for further assistance.		Yes	No	No	No	No	No
BcmAmp	772	critical	Error	IP Music Error: Integrated MOH player - unable to initialize network connection. Service shutting down.	Please disable the BcmAmp player by configuring your IP Music source as either: Audio Jack or Network Audio. Contact Customer Support for further assistance.		Yes	No	No	No	No	No
BcmAmp	773	critical	Error	IP Music Error: Integrated MOH player - initialization error. Unable to proceed. Service shutting down.	If stopping and starting the IP Music service via the Unified Manager fails to rectify the problem, please disable the IP Music service and contact Customer Support for further assistance.		Yes	No	No	No	No	No
BcmAmp	774	critical	Error	IP Music Error: Integrated MOH player - initialization failure. Service shutting down.	If stopping and starting the IP Music service via the Unified Manager fails to rectify the problem, please disable the IP Music service and contact Customer Support for further assistance.		Yes	No	No	No	No	No
BcmAmp	775	critical	Error	IP Music Error: Integrated MOH player - unable to allocate resources. Service shutting down.	If stopping and starting the IP Music service via the Unified Manager fails to rectify the problem, please disable the IP Music service and contact Customer Support for further assistance.		Yes	No	No	No	No	No
BROWSER	8021	minor	Warning	The browser was unable to retrieve a list of servers from the browser master <PDC> on the network \device\<protocol_netcard>. The data is the error code.	Check the network setup.		No	No	No	No	No	No
BROWSER	8033	warning	Information	The browser has forced an election on network \device\<protocol_netcard> because a master browser was stopped.	No action required.		No	No	No	No	No	No
BRU	300	warning	Information	BRU Backup Starting	No action required.		No	No	No	No	No	No
BRU	301	warning	Information	Backup finished successfully	No action required.		No	No	No	No	No	No
BRU	302	minor	Warning	Backup finished with warnings. Warnings were logged in %DESTINATION_NAME%.rep on the destination.	No action required.		No	No	No	Yes	Yes	Yes
BRU	303	critical	Error	Backup finished with errors. Errors were logged in %DESTINATION_NAME%.rep on the destination.	Review log files to determine FAILED component. Take corrective action if necessary and retry backup.		No	No	No	Yes	Yes	Yes
BRU	304	warning	Information	BRU Restore Starting	No action required.		No	No	No	No	No	No
BRU	305	warning	Information	Restore finished successfully.	No action required.		No	No	No	No	No	No
BRU	306	minor	Warning	Restore finished with warnings. Warnings were logged in BRURest.log and %~n0.rep.txt on the source.	No action required.		No	No	No	No	No	No
BRU	307	critical	Error	Restore finished with errors. Errors were logged in BRURest.log and %~n0.rep.txt on the source.	Review log files to determine FAILED component. Take corrective action if necessary and retry restore.		No	No	No	No	No	No
BRU	308	critical	Error	An error has occurred when trying to access the UTPS pipe.	During BRU activity, IP sets may reset. No action necessary.		No	No	No	No	No	No
BRU	309	warning	Information	BRU has increased set watchdog from 30 sec to 15 minutes.	No action required.		No	No	No	No	No	No
BRU	310	warning	Information	BRU has decreased set watchdog from 15 minutes to 30 sec.	No action required.		No	No	No	No	No	No
BRU	311	critical	Error	An error %RetV% has occurred when trying to start the voice services.	Review voice services and restart if necessary through Unified Manager. See service specific logs for cause of failure.		No	No	No	No	No	No
BRU	312	warning	Information	All voice mail services have been started.	No action required.		No	No	No	No	No	No
BRU	313	warning	Information	All voice mail services have been stopped.	No action required.		No	No	No	No	No	No
BRU	314	critical	Error	Error: %DriveType% drive not connected.	Ensure destination drive is visible on the network and that correct permissions are set.		No	No	No	No	No	No
BRU	315	critical	Error	Error: %DriveType% drive not connected. %MapPath% not found.	Ensure destination drive is visible on the network and that correct permissions are set.		No	No	No	No	No	No
CDRTransfer	2088	minor	Warning	Not Push	Check if there are actual CDR data files under the CDR data file directory.		No	No	No	No	No	No
CDRTransfer	2088	minor	Warning	No more CDR data files!!!	Check if there are actual CDR data files under the CDR data file directory.		No	No	No	No	No	No
CDRTransfer	3087	critical	Error	ZpInit() error!!!	Check if Zip32.dll is installed properly under the CDRTransfer directory.		No	No	No	No	No	No
CDRTransfer	3087	critical	Error	ZpSetOpt() error!!!	Check if Zip32.dll is installed properly under the CDRTransfer directory.		No	No	No	No	No	No
CDRTransfer	3088	critical	Error	Can't open reg key err = %1	Check if CDRTransfer registry entries are damaged.		No	No	No	No	No	No
CDRTransfer	3088	critical	Error	Can't get current dir err = %1	Check if you have permission to get current directory.		No	No	No	No	No	No
CDRTransfer	3088	critical	Error	Can't change to working dir err = %1	Check if you have permission to go to CDRTransfer working directory.		No	No	No	No	No	No
CDRTransfer	3088	critical	Error	Clip CDR data file error err = %1	Check if CDRClip.exe is installed properly under the CDR directory.		No	No	No	No	No	No
CDRTransfer	3088	critical	Error	Find CDR data file error err = %1	Check if there are CDR data files under CDR data file directory.		No	No	No	No	No	No
CDRTransfer	3088	critical	Error	Can't get FTP connection err = %1	Check if FTP configuration or network goes wrong.		No	No	No	No	No	No
CDRTransfer	3088	critical	Error	Can't go to remote dir on FTP server err = %1	Check if permission of destination directory on the client PC is granted to CDRTransfer.		No	No	No	No	No	No
CDRTransfer	3088	critical	Error	ZpArchive() err = %1	Check if Zip32.dll is installed properly under the CDRTransfer directory.		No	No	No	No	No	No
CDRTransfer	3090	critical	Error	Multiple instances are running, exit!	Means multiple CDRTransfer instances are running simultaneously, but only one survives. No action is required.		Yes	No	No	No	No	No

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43	CDRTransfer	3090	critical	Error	Can't Get the value of %1 err= %2	Check if CDRTransfer registry entries are damaged.		No	No	No	No	No	No
44	CDRTransfer	3090	critical	Error	Can't transfer file %1 err= %2	Check if FTP configuration or network goes wrong.		No	No	No	No	No	No
45	CDRTransfer	3090	critical	Error	Can't delete CDR data file transferred %1 err= %2	Check if you have permission to delete this file.		No	No	No	No	No	No
46	CDRTransfer	3090	critical	Error	Can't -A CDR data file transferred %1 err= %2	Check if you have permission to change the attribute of this file.		No	No	No	No	No	No
47	cfsServer	100	warning	Information	The service was installed.	No action required.		No	No	No	No	No	No
48	cfsServer	101	warning	Information	The service was removed.	No action required.		No	No	No	No	No	No
49	cfsServer	105	warning	Information	The service was started.	No action required.		No	No	No	No	No	No
50	cfsServer	108	warning	Information	The service was stopped.	No action required.		No	No	No	No	No	No
51	cfsServer	109	critical	Error	<error string provided by CFS>	No action required.		No	No	No	No	No	No
52	cfsServer	110	warning	Information	Duplicate keycode has been entered - this keycode has been previously entered	No action required.	A duplicate core keycode causes this information event.	No	No	No	No	No	No
53	cfsServer	111	critical	Error	Keycode <keycode value> is invalid.	Confirm that the keycode was entered correctly and that the applicable functionality is available on the BCM.		No	No	No	No	No	No
54	cfsServer	113	warning	Information	Verification of System Licensing in progress.	No action required.		No	No	No	No	No	No
55	cfsServer	114	warning	Information	Verification of System Licensing completed.	No action required.		No	No	No	No	No	No
56	cfsServer	115	critical	Error	Verification of system licensing failed due to error: <error Information>	Specific to error Information.		No	No	No	No	No	No
57	cfsServer	116	warning	Information	Keycode <keycode value> applied. <Component-defined string> activated.	No action required.		No	No	No	No	No	No
58	cfsServer	117	critical	Error	Unable to apply keycode: <keycode value>.	The service associated with the keycode is not running properly. If it is stopped, then start it. If it is running, then stop it and restart it.		No	No	No	No	No	No
59	cfsServer	118	warning	Information	Processing of keycode input file in progress.	No action required.		No	No	No	No	No	No
60	cfsServer	119	warning	Information	Processing of keycode input file completed.	No action required.		No	No	No	No	No	No
61	cfsServer	122	warning	Information	Trial has expired.	No action required.		No	No	No	No	No	No
62	cfsServer	123	critical	Error	Error applying keycode: <keycode value> <Information from component>	Specific to Information from component.		No	No	No	No	No	No
63	cfsServer	125	critical	Error	Error applying keycode: <keycode value>.	No action required.		No	No	No	No	No	No
64	cfsServer	126	warning	Information	<Trial functionality> expired.	No action required.		No	No	No	No	No	No
65	CTE	257	critical	Error	Changes have been detected in the KSU configuration. Restart all TAPI applications to use with the new configuration.	Restart all TAPI applications to use with the new configuration.		No	No	No	No	No	No
66	CTE	258	minor	Warning	A CTE application attempted to register with CTE before the Voice CTE service had fully initialized (error <error code>). If the application is not behaving correctly restart it after the Voice CTE service has started. <RTR001>	If the application is not behaving correctly restart it after the Voice CTE service has started.		No	No	No	No	No	No
67	CTE	258	minor	Warning	KSU connection is down all devices are disabled.	No action required.		No	No	No	No	No	No
68	DCOM	10001	critical	Error	Unable to start a DCOM Server: %3 as %4/%5.\r\nThe error:%n"%%%2"%nHappened while starting this command:%n%1\r\n	Contact Support.		No	No	No	No	No	No
69	DCOM	10002	critical	Error	Access denied attempting to launch a DCOM Server. The server is: {CF6B5196-5214-11D3-8A85-000000000000} The user is %2\%3, SID=%4.	Contact Support.		No	No	Yes	No	No	No
70	DCOM	10004	critical	Error	DCOM got error "Logon failure: unknown user name or bad password and was unable to logon <computer name>\ee_admin in order to run the server: {1338C614-888C-11D2-8F01-0080C79B65A2}	Contact Support.	There is a possibility that user can change password for ee_admin either from VNC or UM. So to figure out what user did, we can get the recording logs from BCM.	No	No	No	No	No	No
71	DCOM	10005	critical	Error	DCOM got error "The specified service is disabled and cannot be started. " attempting to start the service <Serive Name> with argument "-Service" in order to run the server:	Verify if the service <Service Name> is disabled, and enable the service <Service Name> if needed.		No	No	No	No	No	No
72	DCOM	10010	critical	Error	The server {1338C620-888C-11D2-8F01-0080C79B65A2} did not register with DCOM within the required timeout.	The following actions should only be conducted by a Nortel Networks' personnel. (1) reboot, (2) if problem perssists, through VNC run miserver shutdown, and mspTrace -mutils -d0xffffffff, (3) try again, collect the trace files in ...\Unified Manager\log, and forward them to developers.		No	No	No	No	No	No
73	DECTAlarms	256	critical	Error	Run - Unexpected condition. Error	Contact Customer Support		No	No	No	No	No	No
74	DECTAlarms	256	warning	Information	01:10:03.694 [DECT Alarm Monitor:4.]DECT Alarm Manager Started	No action required.		No	No	No	No	No	No
75	DECTAlarms	512	critical	Error	OnInit - Failed to create alarm monitoring thread	Contact Customer Support		No	No	No	No	No	No
76	DECTAlarms	512	critical	Error	Run - Wait failed	Contact Customer Support		No	No	No	No	No	No
77	DECTAlarms	512	critical	Error	Failed to create CDectComPort object. Error	Contact Customer Support		No	No	No	No	No	No
78	DECTAlarms	512	critical	Error	Caught an exception creating CDectComPort	Contact Customer Support		No	No	No	No	No	No
79	DECTLoad	512	critical	Error	Failed in DECT_StartDownload call	Contact Customer Support		No	No	No	No	No	No
80	DECTLoad	512	critical	Error	Failed in DECT_StopDownload call	Contact Customer Support		No	No	No	No	No	No
81	DECTMtce	256	critical	Error	MCService::OnInit: Bind socket to address failed. Error	Contact Customer Support		No	No	No	No	No	No
82	DECTMtce	256	critical	Error	IOThread::ProcessEvent: Failed to set Release done API event. Error	Contact Customer Support		No	No	No	No	No	No
83	DECTMtce	256	critical	Error	MCService GetDectCfgKeyStr caught exception creating CDectCfg:	Contact Customer Support		No	No	No	No	No	No
84	DECTMtce	256	critical	Error	MCService CreateApiEvents: Create Release Event failed. API will fail. Error	Contact Customer Support		No	No	No	No	No	No
85	DECTMtce	256	critical	Error	MCServide CreateApiEvents: Create Release Done Event failed. API will fail. Error	Contact Customer Support		No	No	No	No	No	No
86	DECTMtce	256	critical	Error	MCService CreateApiEvents: Create Reconnect Event failed. API will fail. Error	Contact Customer Support		No	No	No	No	No	No
87	DECTMtce	256	critical	Error	IOThread::InitComPort: Caught exception \"%s\" creating CDectComPort.	Contact Customer Support		No	No	No	No	No	No
88	DECTMtce	256	critical	Error	MCService InitComPort: Error creating COM port	Contact Customer Support		No	No	No	No	No	No
89	DECTMtce	256	critical	Error	MCService InitComPort caught exception creating CDectComPort:	Contact Customer Support		No	No	No	No	No	No
90	DECTMtce	256	critical	Error	MCService InitIOSocket failed to put socket into non-blocking mode. Error	Contact Customer Support		No	No	No	No	No	No
91	DECTMtce	256	critical	Error	MCService CloseSock failed with error	Contact Customer Support		No	No	No	No	No	No

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
92	DECTMtce	256	warning	Information	The description for Event ID (256) in Source (DECTMtce) could not be found. It contains the following insertion string(s): 01:10:03.895 [DECT MaintenanceConsole:4.]MCServer Started .	No action required.		No	No	No	No	No	No
93	DECTOAM	1	critical	Error	Invalid MBM name in request.	Contact Customer Support		No	No	No	No	No	No
94	DECTOAM	1	critical	Error	Failed writing response to pipe	Contact Customer Support		No	No	No	No	No	No
95	DECTOAM	1	critical	Error	Failed to open a signaling channel	Contact Customer Support		No	No	No	No	No	No
96	DECTOAM	1	critical	Error	Failed to obtain a client LAD	Contact Customer Support		No	No	No	No	No	No
97	DECTOAM	1	critical	Error	Failed to send NUS monitor request	Contact Customer Support		No	No	No	No	No	No
98	DECTOAM	1	critical	Error	S_CHANNEL_DATA_SEND failed	Contact Customer Support		No	No	No	No	No	No
99	DECTOAM	1	critical	Error	Failed to open a Media Channel	Contact Customer Support		No	No	No	No	No	No
100	DECTOAM	1	critical	Error	EmsMediaChannelConfigure call failed	Contact Customer Support		No	No	No	No	No	No
101	DECTOAM	1	critical	Error	EmsMediaChannelConfigure response: failure	Contact Customer Support		No	No	No	No	No	No
102	DECTOAM	1	critical	Error	EmsMediaChannelQuery response: failure	Contact Customer Support		No	No	No	No	No	No
103	DECTOAM	1	critical	Error	EmsMediaChannelQuery response: bad requestId	Contact Customer Support		No	No	No	No	No	No
104	DECTOAM	1	critical	Error	EMS_RESP_M_CHANNEL_QUERY mismatched channel capabilities	Contact Customer Support		No	No	No	No	No	No
105	DECTOAM	1	critical	Error	SendNUSCommand call failed	Contact Customer Support		No	No	No	No	No	No
106	DECTOAM	1	critical	Error	EmsClientAddressAssign call failed	Contact Customer Support		No	No	No	No	No	No
107	DECTOAM	1	critical	Error	Invalid connection type	Contact Customer Support		No	No	No	No	No	No
108	DECTOAM	1	critical	Error	NAIL_UP_FAILURE: type=%d, channel=%d, location=(%d, %d), cause=%d	Contact Customer Support		No	No	No	No	No	No
109	DECTOAM	1	critical	Error	CreateOamChannels call failed	Contact Customer Support		No	No	No	No	No	No
110	DECTOAM	1	critical	Error	MTC_SESSION_ACCEPT error in slot number	Contact Customer Support		No	No	No	No	No	No
111	DECTOAM	1	critical	Error	EmsSignalingChannelDataSend call failed	Contact Customer Support		No	No	No	No	No	No
112	DECTOAM	1	critical	Error	SendMaintenanceSessionEnd call failed	Contact Customer Support		No	No	No	No	No	No
113	DECTOAM	1	critical	Error	MTC_MODULE_DISABLED: SendMaintenanceSessionEnd call failed	Contact Customer Support		No	No	No	No	No	No
114	DECTOAM	1	critical	Error	MTC_DISABLE_DENIED: SendMaintenanceSessionEnd call failed	Contact Customer Support		No	No	No	No	No	No
115	DECTOAM	1	critical	Error	Packet handler failed size check. Discarding message	Contact Customer Support		No	No	No	No	No	No
116	DECTOAM	1	critical	Error	Received bad packet from MediaServicesManager	Contact Customer Support		No	No	No	No	No	No
117	DECTOAM	1	critical	Error	EmsConnectionOpen failed.	Contact Customer Support		No	No	No	No	No	No
118	DECTOAM	1	critical	Error	EmsSignalingChannelOpen failed.	Contact Customer Support		No	No	No	No	No	No
119	DECTOAM	1	critical	Error	EmsSignalingChannelDataSend failed twice in SendMonitorRequest.	Contact Customer Support		No	No	No	No	No	No
120	DECTOAM	1	critical	Error	ShutdownMediaChannels call to EmsSignalingChannelDataSend failed twice.	Contact Customer Support		No	No	No	No	No	No
121	DECTOAM	1	critical	Error	EmsMediaChannelOpen failed twice in CreateOamChannels.	Contact Customer Support		No	No	No	No	No	No
122	DECTOAM	1	critical	Error	SendNUSCommand: index out of range.	Contact Customer Support		No	No	No	No	No	No
123	DECTOAM	1	critical	Error	EmsSignalingChannelDataSend failed twice in SendNUSCommand.	Contact Customer Support		No	No	No	No	No	No
124	DECTOAM	1	critical	Error	EmsSignalingChannelDataSend failed twice in SendNUSCommand.	Contact Customer Support		No	No	No	No	No	No
125	DECTOAM	1	critical	Error	SendMaintenanceSessionEnd: disable or enable are currently active.	Contact Customer Support		No	No	No	No	No	No
126	DECTOAM	1	critical	Error	SendMaintenanceSessionEnd failed calling EmsSignalingChannelDataSend.	Contact Customer Support		No	No	No	No	No	No
127	DECTOAM	1	critical	Error	DisableMbm: disable or enable is currently active.	Contact Customer Support		No	No	No	No	No	No
128	DECTOAM	1	critical	Error	DisableMbm failed calling EmsSignalingChannelDataSend.	Contact Customer Support		No	No	No	No	No	No
129	DECTOAM	1	critical	Error	EnableMbm failed calling EmsSignalingChannelDataSend.	Contact Customer Support		No	No	No	No	No	No
130	DECTOAM	1	critical	Error	CreateDownloadPipe cannot start: another download pipe is in existence.	Contact Customer Support		No	No	No	No	No	No
131	DECTOAM	1	critical	Error	CreateDownloadPipe cannot start: MBM must be disabled.	Contact Customer Support		No	No	No	No	No	No
132	DECTOAM	1	critical	Error	CreateDownloadPipe: failed twice calling EmsMediaChannelOpen.	Contact Customer Support		No	No	No	No	No	No
133	DECTOAM	1	critical	Error	DestroyDownloadPipe cannot succeed: MBM is not disabled.	Contact Customer Support		No	No	No	No	No	No
134	DECTOAM	1	critical	Error	DestroyDownloadPipe failed: incorrect terminal number.	Contact Customer Support		No	No	No	No	No	No
135	DECTOAM	1	critical	Error	DestroyDownloadPipe: failed twice calling EmsSignalingChannelDataSend.	Contact Customer Support		No	No	No	No	No	No
136	DECTOAM	1	critical	Error	ShutdownMediaChannels call to EmsSignalingChannelDataSend failed twice.	Contact Customer Support		No	No	No	No	No	No
137	DECTOAM	1	critical	Error	Timed out waiting for MediaChannelClose confirmation!	Contact Customer Support		No	No	No	No	No	No
138	DECTOAM	1	critical	Error	Failed to create notification event.	Contact Customer Support		No	No	No	No	No	No
139	DECTOAM	1	critical	Error	Failed to open registry path	Contact Customer Support		No	No	No	No	No	No
140	DECTOAM	1	critical	Error	Failed to read value from registry	Contact Customer Support		No	No	No	No	No	No
141	DhcpServer	1011	minor	Warning	The DHCP server issued a NACK to the client (MAC Address of the Requesting Client) for the address (Requested IP Address) request.	Please make sure that the address pool for dialin user is outside or is excluded from the DHCP server scopes.		No	No	No	No	No	No
142	disk	41	critical	Error	The file system structure on the disk is corrupted and unusable. Please run chkdsk utility on the device \Device\Harddisk0\Partition3 with label "".	Contact Support.		No	No	Yes	Yes	Yes	Yes
143	DNS	1	warning	Information	Starting Microsoft DNS Server (Windows NT 4.0 Service Pack 5).	No action required.		No	No	No	No	No	No
144	DNS	2	warning	Information	The DNS Server has started.	No action required.		No	No	No	No	No	No
145	DNS	3	warning	Information	The DNS Server has shutdown.	No action required.		No	No	Yes	No	No	No
146	DNS	708	warning	Information	The DNS Server has no 'primary' or 'secondary' zones. The DNS Server will run as a caching-only server	No action required.		No	No	No	No	No	No
147	DNS	708	warning	Information	The DNS Server has no 'primary' or 'secondary' zones. The DNS Server will run as a caching-only server, but will not be authoritative for any zones.	No action required.		No	No	No	No	No	No
148	DrWatson	4097	warning	Information	The application, <application name>, generated an application error The error occurred on <data>@<time> The exception generated was <exception code> at address <address> (symbol)	Contact your Nortel Networks support team.		No	No	No	Yes	Yes	Yes
149	EmsManager	1000	warning	Information	Service started	No action required.		No	No	No	No	No	No
150	EmsManager	1001	warning	Information	Service terminated	No action required.		No	No	No	No	No	No

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2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
151	EmsManager	3000	critical	Error	MSC Driver is in the core upload mode - aborting	If this happens due to an interrupted upload of the core image the user must upload the core. Once the upload procedure completes successfully, the error will go away. If this happens during a core upload, no action is required (it should not happen, because during the core upload, there is no reason start the MSM - the user is probably trying to do some "weird stuff" during the upload).		No	No	No	No	No	No
152	EmsManager	3001	critical	Error	Registry contains an invalid published IP address	This happens only if the IP address of a NIC, that is currently selected in the Published IP Address field of the UM, has been changed and due to some kind of an error the registry was not properly updated. The user must use the Unified Manager to select the Published IP Address again - the best is to change it to another NIC and then back to the desired NIC.		No	No	No	No	No	No
153	EmsManager	3002	critical	Error	BCM switch reset - disconnecting all applications	No action required.	A core reset occurred (either due to a switch from 6/2 to 5/3 DS30 configuration, a cold reset initiated by the user or a core crash). The Media Services Manager disconnects all clients at this time. The Watchdog service will be notified by the Voice MSC Service when the core is up again and restart the Voice MSC Service and all dependent services.	No	No	Yes	Yes	Yes	Yes
154	eventLog	6005	warning	Information	The Event log service was started.	No action required.		No	No	No	No	No	No
155	eventLog	6006	warning	Information	The Event log service was stopped.	No action required.		No	No	No	No	No	No
156	eventLog	6009	warning	Information	Microsoft (R) Windows NT (R) 4.0 1381 Service Pack 5 Uniprocessor Free.	No action required.		No	No	No	No	No	No
157	FTMSS	1	warning	Information	Service started.	No action required.		No	No	No	No	No	No
158	FTMSS	2	warning	Information	Service stopped.	No action required.		No	No	No	No	No	No
159	FTMSS	3	critical	Error	The Service control request handler could not be registered.	No action required.		No	No	No	No	No	No
160	FTMSS	4	critical	Error	Received a bad service request.	No action required.		No	No	No	No	No	No
161	FTMSS	5	critical	Error	Couldn't open the Service Control Manager.	No action required.		No	No	No	No	No	No
162	FTMSS	6	critical	Error	Couldn't open the %1 service.	No action required.		No	No	No	No	No	No
163	FTMSS	7	critical	Error	Couldn't create the %1 service.	No action required.		No	No	No	No	No	No
164	FTMSS	8	critical	Error	Couldn't delete the %1 service.	No action required.		No	No	No	No	No	No
165	FTMSS	100	critical	Error	(dynamic)	No action required.		No	No	No	No	No	No
166	FTMSS	302	critical	Error	MSC-1 can no longer be controlled.	No action required.		No	No	Yes	No	No	No
167	FTMSS	303	critical	Error	No controlled MSCs remaining. Shutdown.	No action required.		No	No	Yes	No	No	No
168	FTMSS	304	critical	Error	(dynamic)	No action required.		No	No	No	No	No	No
169	FTMSS	305	critical	Error	(dynamic)	No action required.		No	No	No	No	No	No
170	FTMSS	320	critical	Error	Map file: '%s' is required, but could not be found.	No action required.		No	No	No	No	No	No
171	FTMSS	321	critical	Error	Could not open map file: '%s'. No file handles.	No action required.		No	No	No	No	No	No
172	FTMSS	322	critical	Error	Map file: '%s' is corrupted and must be re-installed.	No action required.		No	No	No	No	No	No
173	FTMSS	323	critical	Error	Map file: '%s' is not compatible with this version of '%s'.	No action required.		No	No	No	No	No	No
174	FTMSS	324	critical	Error	Could not open map file: '%s'.	No action required.		No	No	No	No	No	No
175	Generic (SNMP)	N/A	N/A	N/A	Cold Start	No action required.	A coldStart trap signifies that the sending protocol entity is reinitializing itself such that the agent's configuration or the rotocol entity implementation may be altered. This is an SNMP Agent only trap and will not generate any events.	No	No	No	No	No	No
176	Generic (SNMP)	N/A	N/A	N/A	Warm Start	No action required.	A warmStart trap signifies that the sending protocol entity is reinitializing itself such that neither the agent configuration nor the protocol entity implementation is altered. This is an SNMP Agent only trap and will not generate any events.	No	No	No	No	No	No
177	Generic (SNMP)	N/A	N/A	N/A	Link Down	No action required.	A linkDown trap signifies that the sending protocol entity recognizes a failure in one of the communication links represented in the agent's configuration. This is an SNMP Agent only trap and will not generate any events.	No	No	No	No	No	No
178	Generic (SNMP)	N/A	N/A	N/A	Link Up	No action required.	A linkUp trap signifies that the sending protocol entity recognizes that one of the communication links represented in the agent's configuration has come up. This is an SNMP Agent only trap and will not generate any events.	No	No	No	No	No	No
179	HotDesking	3000	critical	Error	HotDesking: Unable to create registry entry	No action required.	The service will shut down and be re-started by the watchdog.	No	No	No	No	No	No
180	HotDesking	3000	critical	Error	HotDesking: Unable to open registry data	No action required.	The service will shut down and be re-started by the watchdog.	No	No	No	No	No	No
181	HotDesking	3000	critical	Error	** UTPS Services table is full.	No action required.	The service will shut down and be re-started by the watchdog.	No	No	No	No	No	No
182	HotDesking	3000	critical	Error	** Hot desking being terminated by UTPS.	No action required.	The service will shut down and be re-started by the watchdog.	No	No	No	No	No	No
183	HotDesking	3000	critical	Error	Hot Desking server is unable to connect to the UTPS.	No action required.	The service will shut down and be re-started by the watchdog.	No	No	No	No	No	No

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184	HotDesking	3000	critical	Error	*** Unable to get a timer from the OS.	No action required.	The service will shut down and be re-started by the watchdog.	No	No	No	No	No	No
185	HotDesking	3000	critical	Error	Hot Desking is unable to initiate the registry.	No action required.	The service will shut down and be re-started by the watchdog.	No	No	No	No	No	No
186	Inventory Service	3300	critical	Error	Inventory Service may have generated an incomplete or incorrect report Exception caught while loading DLLs: missing %s.dll	Contact customer support.		Yes	No	No	No	No	No
187	Inventory Service	3301	critical	Error	Inventory Service may have generated an incomplete or incorrect report %s GetInventoryDocument() returned error.	Contact customer support.		Yes	No	No	No	No	No
188	Inventory Service	3302	critical	Error	Inventory Service may have generated an incomplete or incorrect report Failed to open Software resource: %s	Contact customer support.		Yes	No	No	No	No	No
189	IPRIP2	30052	critical	Error	IPRIPv2 could not join the multicast group 224.0.0.9 on the local interface with IP address x.x.x.x. The data is the error code.	Make sure that IP RIP v2 is properly configured on the local interface from which the event is received. If the problem persists, even after configuring the interface to RIP v2, please contact tech support.		No	No	No	No	No	No
190	IPSecIKE	2	warning	Information	ISAKMP SA established on <local IP Addr> with <remote IP Addr>.	No action required.		No	No	No	No	No	No
191	IPSecIKE	3	critical	Error	Could not initiate ISAKMP SA <local IP Addr> to <remote IP Addr>.	Check settings and Connection		No	No	No	No	No	No
192	IPSecIKE	4	warning	Information	Deleting ISAKMP SA from <local IPAddr> to <remote IP Addr>.	No action required.		No	No	No	No	No	No
193	IPSecIKE	5	critical	Error	No response on <local IP Addr> from <remote IP Addr> - logging out	Check settings and Connection		No	No	No	No	No	No
194	IPSecIKE	6	critical	Error	<local IP Addr> Local interface down - logging out of <remote IP Addr>	Check local interface setup.		No	No	No	No	No	No
195	IPSecIKE	7	critical	Error	Could not initiate Quick Mode from <local IP Addr> to <remote IP Addr>.	Check settings and Connection		No	No	No	No	No	No
196	IPSecIKE	9	critical	Error	PFS required on <local IP Addr> but not provided by <remote IP Addr>	Check PFS setting on remote side		No	No	No	No	No	No
197	IPSecIKE	10	critical	Error	No local interface for <local IP Addr>.	Check local interface setup.		No	No	No	No	No	No
198	IPSecIKE	11	minor	Warning	Unauthenticated Informational message received on <local IP Addr> from <remote IP Addr>.	No action required.		No	No	No	No	No	No
199	IPSecIKE	12	minor	Warning	Informational message received on <local IP Addr> from <remote IP Addr> not authentic.	No action required.		No	No	No	No	No	No
200	IPSecIKE	13	minor	Warning	Unprotected Notify message on <local IP Addr> from <remote IP Addr> being dropped.	No action required.		No	No	No	No	No	No
201	IPSecIKE	14	minor	Warning	Bad length on Notify message received on <local IP Addr> from <remote IP Addr> - dropping it.	No action required.		No	No	No	No	No	No
202	IPSecIKE	15	minor	Warning	No SPI on Notify message received on <local IP Addr> from <remote IP Addr> after Phase 1 - dropping it.	No action required.		No	No	No	No	No	No
203	IPSecIKE	16	minor	Warning	Unprotected Delete message on <local IP Addr> from <remote IP Addr> being dropped.	No action required.		No	No	No	No	No	No
204	IPSecIKE	17	minor	Warning	Bad length on Delete message on <local IP Addr> from <remote IP Addr> - dropping it.	No action required.		No	No	No	No	No	No
205	IPSecIKE	18	minor	Warning	Protocol not recognized on message received on <local IP Addr> from <remote IP Addr> - message dropped.	No action required.		No	No	No	No	No	No
206	IPSecIKE	19	warning	Information	Could not find SPI for message received on <local IP Addr> from <remote IP Addr> - message dropped.	No action required.		No	No	No	No	No	No
207	IPSecIKE	20	minor	Warning	Error notification (%d) received on <local IP Addr> from <remote IP Addr>.	No action required.		No	No	No	No	No	No
208	IPSecIKE	21	warning	Information	Delete message (for protocol %1) received on <local IP Addr> from <remote IP Addr>.	No action required.		No	No	No	No	No	No
209	IPSecIKE	22	warning	Information	Established IPsec SAs on <local IP Addr> with <remote IP Addr>: AH outbound SPI <Hex Number>, AH inbound SPI <Hex Number>.	No action required.		No	No	No	No	No	No
210	IPSecIKE	23	warning	Information	Established IPsec SAs on <local IP Addr> with <remote IP Addr>: ESP outbound SPI <Hex Number>, ESP inbound SPI <Hex Number>.	No action required.		No	No	No	No	No	No
211	IPSecIKE	24	warning	Information	Deleting IPsec SAs on <local IP Addr> with <remote IP Addr>: AH outbound SPI <Hex Number>, AH inbound SPI <Hex Number>.	No action required.		No	No	No	No	No	No
212	IPSecIKE	25	warning	Information	Deleting IPsec SAs on <local IP Addr> with <remote IP Addr>: ESP outbound SPI <Hex Number>, ESP inbound SPI <Hex Number>.	No action required.		No	No	No	No	No	No
213	IPSecIKE	26	critical	Error	Failed to Establish IPsec SAs on <local IP Addr> with <remote IP Addr>.	Check settings and Connection		No	No	No	No	No	No
214	IPSecIKE	27	warning	Information	Oakley %d Mode proposal accepted on <local IP Addr> from <remote IP Addr>.	No action required.		No	No	No	No	No	No
215	IPSecIKE	28	minor	Warning	Unknown Notify message (%d) received on <local IP Addr> from <remote IP Addr>.	No action required.		No	No	No	No	No	No
216	IPSecIKE	29	minor	Warning	Remote system <remote IP Addr> not responding! Deleting SA on interface: <local IP addr>	Check settings and Connection.		No	No	No	No	No	No
217	IPSecIKE	30	warning	Information	Idle imeout condition on IPSec SA between Local: <local IP addr>, Remote: <remote IP addr>. Delete SA.	No action required.		No	No	No	No	No	No
218	IPSecIKE	31	Critical	Error	IPSec Client connection request on %1 from %2 Rejected. No Default Route Set on BCM. IPSec Client Termination is not supported.	Use Net Link Manager to set a Defaut Route.		No	No	No	No	No	No
219	IPSecIKE	32	Warning	Warning	ISAKMP Socket Open Failed on interface %1. Trying to re-init Socket Interfaces.	No action required.		No	No	No	No	No	No
220	IPSecIKE	33	Critical	Error	ISAKMP Socket Open Failed on interface %1.	Stop and Re-start IPSecIKE service		No	No	No	No	No	No
221	IPSecIKE	34	Critical	Error	BCM has no IP Address on the IPSec Client private network: IP Address: %1 IP Mask: %2.	Set an interface to have a valid IP Address on the same network as assigned IP Address for IPSec client.		No	No	No	No	No	No
222	IPSecIKE	35	Critical	Error	BCM interface that IPSec client is trying to connect to (%1) is on the private network (%2).	PC IPSec Client should connect to a different interface on the BCM.		No	No	No	No	No	No
223	IPSecIKE	36	Critical	Error	The IP Address of the PC running the IPSec client (%1) is on the private network (%2).	PC IPSec Client is not on the correct network.		No	No	No	No	No	No

	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
224	IPSecIKE	37	Critical	Error	IPSec Client connection request on %1 from %2 Rejected. BCM only supports IPSec Client connection requests from PCs on a different subnet that come in over the Interface connected to the Next Hop Router.	If there is a router between the PC running IPSec client and the interface you are trying to connect to on the BCM, then the NetLinkManager needs to be defined to use this interface in order to support IPSec Client..		No	No	No	No	No	No
225	IPSecIKE	38	minor	Warning	IPSec connection request Rejected on %1. Maximum number of IPSec Tunnels reached. %1 Parameter: IP Address of Interface that request was received on.	No Action required. This is for information only. The BCM has rejected this IPSec request as the maximum number of IPSec tunnels are already connected.		No	No	No	No	No	No
226	IPXRouterManager	20133	critical	Error	IPX Routing failed to start because IPX forwarder driver could not be loaded.	Contact Support.		No	No	No	No	No	No
227	IVR(<process-name>)	1	warning/critical/warning	Information/Error/Warning	Severity:<severity> Component:<comp> Message:<message>	Refer to IVR Alarm List for actions for these generic IVR alarms.	These are general IVR events; they are not BCM specific.	No	No	No	No	No	No
228	IVR(bim)	1	critical	Error	Severity: 7 Component:#vps.</IVR#>/<BCM-name> Message: Failed to read xref file %s::%s.	Verify that the mmfxref.dat file exists in the specified location and if not restore it. Otherwise delete and redo MMF to VFS conversions.	The first %s is the path and the second %s is the reason for failure.	No	No	No	No	No	No
229	IVR(bim)	1	critical	Error	Severity: 9 Component:#vps.</IVR#>/<BCM-name> Message: Play Failure. Exceeded the maximum number of play lists.	Modify PeriProducer application to decrease the number of items in the play request.		No	No	Yes	No	No	No
230	IVR(bim)	1	critical	Error	Severity:#vps.</IVR#>/<BCM-name> Message: Play Failure. Unable to add vocab item '%s' to play list::%s.	Inspect reason for failure and take appropriate action. If the reason is ME_PLAY_LIST_FULL then modify PeriProducer application to decrease the number of items in the play request.	First %s is vocab and second %s is reason for failure.	No	No	No	No	No	No
231	IVR(bim)	1	critical	Error	Severity: 7 Component:#vps.</IVR#>/<BCM-name> Message: Play Failure. Unknown vocabuary item '%s'.	Verify it is a recorded element in the MMF and the MMF has been converted to VFS. If not record element and perform conversion.	First %s is the vocab item.	No	No	No	No	No	No
232	IVR(bim)	1	critical	Error	Severity: 7 Component:#vps.</IVR#>/<BCM-name> Message: Can't set port capabilities to %s::%s.	Reconfigure the number of media gateways.	First %s is the port caps and second %s is reason for failure.	No	No	Yes	No	No	No
233	IVR(bim)	1	warning	Information	Severity: 1 Component: #vps.</IVR#>/<BCM-name> Message: Call presented and no ports available to receive the call.	Configure more IVR ports.		No	No	No	No	No	No
234	IVR(vmt)	1	warning	Information	Severity: 1 Component: #vps.</IVR#>/<BCM-name> Message: Class=<Subsystem[MX]> mx_AnswerCall: Invalid Handle (2)	Terminate application from all admistrative lines.		No	No	No	No	No	No
235	JET	8	warning	Information	((215)) The database engine 04.909.0000 started.	No action required.		No	No	No	No	No	No
236	JET	9	warning	Information	((xxx)) The database engine stopped.	No action required.		No	No	Yes	No	No	No
237	JET	16	warning	Information	((xxx)) The database is running recovery steps.	No action required.		No	No	No	No	No	No
238	JET	69	warning	Information	((xxx)) Redoing log file .\wins\j50.log.	No action required.		No	No	No	No	No	No
239	kbdclass	7	critical	Error	Could not locate the device object for one or more keyboard port devices.	Contact Support.	BCM FP1 Upgrades will fail to install, no longer supported, replace BCM hard drive.	No	No	No	No	No	No
240	LLNail	8001	warning	Information	UTWAN: KSU ready.	No action required		Yes	No	No	No	No	No
241	LLNail	8002	warning	Information	UTWAN: %2 channel(s) configured.	No action required		Yes	No	No	No	No	No
242	LLNail	8003	warning	Information	UTWAN: Issued a command to create WAN Task.	No action required.		Yes	No	No	No	No	No
243	LLNail	8004	warning	information	UTWAN: Successfully created WAN Task.	No action required.		Yes	No	No	No	No	No
244	LLNail	8005	minor	Warning	UTWAN: Failed to create WAN Task.	No action required.		Yes	No	No	No	No	No
245	MGS	1001	warning	Information	***** MGS <version> started on <date> *****	No action required.	MGS started	No	No	No	No	No	No
246	MGS	1002	warning	Information	Mgs:: Initialisation complete (max=<x>, min=<n>)	No action required.	MGS initialization is complete	No	No	No	No	No	No
247	MGS	1003	warning	Information	Mgs:: Shutting down on request from the SCM	No action required.	MGS is shutting down normally	No	No	No	No	No	No
248	MGS	1004	warning	Information	MediaTransport::(OID=<oid>) Received valid ports	No action required.	The problem reported in an earlier event 2001 has now returned to normal.	No	No	No	No	No	No
249	MGS	1005	warning	Information	MsmProxy:: <interface> succeeded	No action required.	The problem reported in an earlier event 2004 has now returned to normal.	No	No	No	No	No	No
250	MGS	2001	minor	Warning	MediaTransport::(OID=<oid>) Received bad ports: <port1> <port2>	Submit a CR and attach ZIP'ed log files (archlog).	The Resource Manager allocated invalid RTP ports. This is not an MGS issue.	No	No	No	No	No	No
251	MGS	2002	minor	Warning	MediaTransport::(OID=<oid>) Codec and/or frames per packet mismatch <details>	Submit a CR and attach ZIP'ed log files (archlog).	There was a problem establishing a call.	No	No	No	No	No	No
252	MGS	2003	minor	Warning	MediaTransport::(OID=<oid>) Transport mismatch <details>	Submit a CR and attach ZIP'ed log files (archlog).	There was a problem establishing a call.	No	No	No	No	No	No
253	MGS	2004	minor	Warning	MsmProxy:: <interface> returned error <error>	Submit a CR and attach ZIP'ed log files (archlog).	There was a problem establishing a call.	No	No	No	No	No	No
254	MGS	2090	minor	Warning	<entity>:: <interface> returned error <error>	Submit a CR and attach ZIP'ed log files (archlog).	There was a problem establishing a call.	No	No	Yes	No	No	No
255	MGS	3001	critical	Error	<entity>:: Caught <exception>	Submit a CR and attach ZIP'ed log files (archlog).	Software bug.	No	No	No	No	No	No
256	MGS	3002	critical	Error	Mgs:: Shutting down due to gateway creation failure	Look to previous log entries for error details.	A Gateway could not be created.	No	No	No	No	No	No
257	MGS	3003	critical	Error	Mgs:: Shutting down due to gateway initialisation failure	Look to previous log entries for error details.	A request to the Media Path Server (MPS) or Media Services Manager (MSM) failed. This is not an MGS issue.	No	No	No	No	No	No
258	MGS	3004	critical	Error	Mgs:: Shutting down due to fatal error	Look to previous log entries for error details.	A fatal error was reported by an MGS component.	No	No	Yes	No	No	No
259	MGS	3005	critical	Error	Mgs:: Shutting down due to MSM communication failure	Investigate and correct the cause, and restart the system.	The Media Services Manager (MSM) has shut down unexpectedly. This is not an MGS issue.	No	No	Yes	No	No	No
260	MGS	3006	critical	Error	Mgs:: Shutting down due to MPS communication failure	Investigate and correct the cause, and restart the system.	The Media Path Server (MPS) has shut down unexpectedly. This is not an MGS issue.	No	No	Yes	No	No	No
261	MGS	3007	critical	Error	Mgs:: Shutting down due to resource limits query failure	Look to previous log entries for error details.	A request to the Media Services Manager (MSM) failed. This is not an MGS issue.	No	No	Yes	No	No	No
262	MGS	3008	critical	Error	Mgs:: Shutting down due to configuration query failure	Look to previous log entries for error details.	A request to the Media Services Manager (MSM) failed. This is not an MGS issue.	No	No	Yes	No	No	No
263	MGS	3090	critical	Error	<entity>:: Caught <exception>	Submit a CR and attach ZIP'ed log files (archlog).	Software bug.	No	No	No	No	No	No
264	MGS	3091	critical	Error	ScmProxy:: NnuServiceStartService returned error <error>	Investigate and correct the cause, and restart the system.	NNU failed to start the MGS as a service. This is not an MGS issue.	No	No	No	No	No	No

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265	MGS	3092	critical	Error	ScmProxy:: NnuCallback returned error <error>	Investigate and correct the cause, and restart the system.	NNU failed to start the MGS as a service. This is not an MGS issue.	No	No	No	No	No	No
266	Modem	52	Critical	Error	The specified resource type can not be found in the image file.	Contact customer support.	Happens on system Startup and should be ignored	No	No	No	No	No	No
267	MPS	1001	warning	Information	MPS service started	No action required	MPS service is successfully started.	Yes	No	No	No	No	No
268	MPS	1002	warning	Information	MPS service stopped	No action required	MPS service is stopped.	Yes	No	No	No	No	No
269	MPS	2001	minor	Warning	**WARNING** Unable to register as a Service	Restart system;contact customer support	NNU could not start MPS as a service; this is not an MPS issue.	Yes	No	No	No	No	No
270	MPS	2002	minor	Warning	**WARNING** Unable to stop service	Contact customer support	NNU could not stop MPS as a service; this is not an MPS issue.	Yes	No	No	No	No	No
271	MPS	2003	minor	Warning	**WARNING** FUMP message could not be sent	Contact customer support	Could not send fump message through EMS FUMP channel; this is not an MPS issue.	Yes	No	No	No	No	No
272	MPS	2004	minor	Warning	**WARNING** Codec incompatible; call dropped	Change or make available the correct Codec to match the Codec supported by the software at the far end of the call.	Call dropped due to incompatible codecs; this is not an MPS issue.	Yes	No	No	No	No	No
273	MPS	2005	minor	Warning	**WARNING** Endpoint %d:%d registration failed	Contact customer support	Failed to register an endpoint due to unknown endpoint type or duplication; this may not be an MPS issue.	Yes	No	No	No	No	No
274	MPS	3001	critical	Error	**ERROR** Unable to allocate memory;MPS service aborted	May need to reboot the system	System is low on memory and cannot allocate resources in the driver; this is not an MPS issue.	Yes	No	No	No	No	No
275	MPS	3002	critical	Error	**ERROR** Unable to initialize MPSMI;MPS service aborted	Restart system;contact customer support	Cannot initialize MPSMI; this is not an MPS issue.	Yes	No	No	No	No	No
276	MPS	3003	critical	Error	**ERROR** Unable to connect to MSM, rc=%d;MPS service aborted	Restart system;contact customer support	Cannot connect to Media Service Manager; this is not an MPS issue.	Yes	No	No	No	No	No
277	MPS	3004	critical	Error	**ERROR** Unable to open FUMP channel;MPS service aborted	Restart system;contact customer support	Media service manager could not open a FUMP channel for MPS; this is not an MPS issue.	Yes	No	No	No	No	No
278	MPS	3005	critical	Error	**ERROR** FUMP channel not ready;MPS service aborted	Restart system;contact customer support	Fump channel is not ready; this is not an MPS issue.	Yes	No	No	No	No	No
279	MPS	3006	critical	Error	**ERROR** Reset by Network Manager	Submit a CR and attach archlogs	Network manager thinks MPS is dead.	Yes	No	No	No	No	No
280	MPS	3007	critical	Error	**ERROR** Received EMS_EVENT_CONNECTION_LOST from MSM;MPS service aborted	Restart system;contact customer support	Lost connection to Media Service Manager; this is not an MPS issue.	Yes	No	No	No	No	No
281	MPS	3008	critical	Error	**ERROR** Unable to create event;MPS service failed to start	May need to reboot the system	System is low on resources and cannot allocate event handle in the driver; this is not an MPS issue.	Yes	No	No	No	No	No
282	MSPAlarmService	N/A	major		Failed to open client end of SNMP Trap Agent mailslot using CreateFile. Win32 GetLast Error() value = %value%.	Contact customer support.	This item only shows up as an alarm.	No	No	No	No	No	No
283	mspQoS	2000	warning	Information	The description for Event ID (2000) in Source (mspQoS) could not be found. It contains the following insertion string(s): .	No action required.	This item will only show up in DEBUG builds of mspqos. Perfmon has opened the mspqos performance collector, mspperf.dll.	No	No	No	No	No	No
284	mspQoSMP	4003	critical	Error	Memory allocation failed on %2.	May need to reboot system.	System is low on memory and cannot allocated resources in the driver.	No	No	Yes	No	No	No
285	mspQoSMP	4014	critical	Error	%2: Maximum filter limit has been reached.	Need to remove other QoS filters.	The maximum number of QoS filters has been reached.	No	No	No	No	No	No
286	mspQoSMP	4019	critical	Error	Too many ports specified for %2 - Max: 256.	Reduce the number of QoS Ports specified.		No	No	No	No	No	No
287	mspQoSMP	4020	minor	Warning	Could not read registry key "%3" on %2. Use default value for now. Problem will go away if OAM is properly installed.	Possibly due to initial configuration of this module. Once the module has been configured, this error should go away. Otherwise, the registry may be corrupted.	Registry value is missing.	No	No	No	No	No	No
288	mspQoSMP	4021	minor	Warning	Could not read registry value "%3" on %2.	Possibly due to initial configuration of this module. Once the module has been configured, this error should go away. Otherwise, the registry may be corrupted.	Registry key is missing.	No	No	No	No	No	No
289	mspQoSMP	4022	minor	Warning	Could not read port values for %2.	Fix Port Range entries. They are invalid.	Entries in Port Range field are invalid.	No	No	No	No	No	No
290	mspQoSMP	4023	critical	Error	Could not create symbolic link %3 of %2.	QoS driver has failed to load. Reboot system. If this error persists, contact Customer Support.	Catastrophic driver failure.	No	No	No	No	No	No
291	mspQoSMP	4024	critical	Error	Could not create %2.	QoS driver has failed to load. Reboot system. If this error persists, contact Customer Support.	Catastrophic driver failure.	No	No	No	No	No	No
292	mspQoSMP	4026	minor	Warning	%2 failed to register as an Intermediate Miniport.	QoS driver has failed to load. Reboot system. If this error persists, contact Customer Support.	Catastrophic driver failure.	No	No	No	No	No	No
293	mspQoSMP	4028	minor	Warning	Unable to read "PortTable" registry entry for device %2. The default port range of 28000 - 28511 will be used.	No action required.	Registry value has not been initialized. The default range will be used. Unless other ports are chosen, this message will continue to appear. This will not cause problems.	No	No	No	No	No	No
294	mspQoSMP	4030	minor	Warning	Zero bandwidth, disabling QoS! Check the WAN drivers.	Possibly caused by the WAN driver. Contact Customer Support.	The values used to calculate the Bandwidth resulted in a zero value.	No	No	No	No	No	No
295	mspQoSMP	4031	minor	Warning	Error in reading IP addresses, disabling QoS! Check that the LAN and WAN are properly installed.	Check that all LAN and WAN interfaces are valid. Contact Customer Support.		No	No	No	No	No	No
296	mspQoSMP	4032	minor	Warning	Error in Wan Premium Percentage. Value must be between 0 and 100. Use default value for now. Reset the WAN Premium Percentage in OAM.	Enter a valid Premium Percent value. Must be between 0 and 100.		No	No	No	No	No	No
297	mspQoSMP	4034	critical	Error	NAT %3 values are invalid.	Fix Port Range entries. They are invalid.	The Inside or Outside port values are invalid.	No	No	No	No	No	No

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2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
298	mspQoSMP	4035	minor	Warning	Could not read registry value "%3". %2.	Possible registry corruption. Check to see if \Machine\System\CurrentControlSet\mspQoSMP\Parameters\FWFilters\Status is set to either Disabled or Enabled.	Could not set the Firewall status. Setting status to Disabled	No	No	No	No	No	No
299	mspQoSMP	4036	critical	Error	Could not create data directory %2.	Check the registry value \Machine\Software\Nortel Networks\Voice Net\RunTimeDir to see if the directory is a valid directory.	Could not log Firewall Filter data to the data directory specified in the Registry key RunTimeDir.	No	No	No	No	No	No
300	mspQoSMP	4037	critical	Error	Could not create log file %2.	Make sure that d:\Data Files\Nortel Networks\Unified Manager\FWLogs is a writable directory.	Could not create text files log to d:\Data Files\Nortel Networks\Unified Manager\FWLogs.	No	No	No	No	No	No
301	mspQoSMP	4038	critical	Error	Could not write log file %2.	Make sure that d:\Data Files\Nortel Networks\Unified Manager\FWLogs is a writable directory.	Could not create text files log to d:\Data Files\Nortel Networks\Unified Manager\FWLogs.	No	No	No	No	No	No
302	mspQoSMP	4039	critical	Error	Terminating logging thread. Logging will not be enabled on any interface.	Problem with Firewall Filters logging function. Contact Customer Support.	Catastrophic failure of Firewall Filters logging.	No	No	No	No	No	No
303	mspQoSMP	4040	critical	Error	Can't read an NDIS OID value.	Possible network interface card failure.	Cannot read the MAC address from one of the network interfaces.	No	No	No	No	No	No
304	mspQoSMP	4041	minor	Warning	Can't start logging for device mspQoSMP%d.	System may be low on resources. Try rebooting the system see if problem goes away. If not, contact Customer Support.	Driver could not start the worker thread that logs packets.	Yes	No	No	No	No	No
305	mspQoSMP	4043	critical	Error	Possible infinite loop. %2.	Possible link list corruption in driver. Reboot system and contact Customer Support.	Detected possible linked list corruption. Attempts to repair list.	Yes	No	No	No	No	No
306	mspQoSMP	4044	minor	Warning	Linked List has unexpected number of entries. %2.	Reboot system.	Count of entries in linked list is out of sync with the actual number.	Yes	No	No	No	No	No
307	mspQoSMP	4045	minor	Warning	%2: H225 setup message exceeds message fragment buffer. %3	Need to reduce the number of codec choices. This will reduce the size of the setup message.	H.225 setup message is larger than internal storage buffer. Call may not go through properly. i.e. one-way speech	Yes	No	No	No	No	No
308	mspQoSMP	4046	warning	Informational	%2: Processing more than one fragmented H.225 setup message.	No action required.	Detects when two setup messages are being processed at the exact same time.	Yes	No	No	No	No	No
309	mspQoSMP	4047	critical	Error	SIP parser error: %2	Send NT event log and stlog to development / ITAS. Check there are any non-SIP packets going through the BCM via the port 5060.	This can happen when there is a SIP parser error or when a non-SIP packet passes the driver via the default 5060 SIP port.	Yes	No	No	No	No	No
310	mspQoSMP	4048	critical	Error	SIP Init Failure. %2: %3. Please check that mspqos.sys is properly loaded.	If SIP is to be used as the VOIP protocol, reboot system to make sure mspqos.sys is loaded properly and that there are no memory allocation issues.	SIP structures used in driver are not properly initialized.	Yes	No	No	No	No	No
311	mspQoSMP	4049	critical	Error	OSIP Failure. %2: %3.	Send NT event log and stlog to development / ITAS.	Error in decoding or encoding SIP packet using the OSIP parser.	Yes	No	No	No	No	No
312	mspQoSMP	4050	critical	Error	SIP Call State Machine Failure. %2: %3.	Send NT event log and stlog to development / ITAS.	Unexpected state machine transition for SIP processing.	Yes	No	No	No	No	No
313	mspQoSMP	4051	critical	Error	SIP Proxy Failure. %2: %3.	Send NT event log and stlog to development / ITAS.	Unexpected SIP data structure manipulations.	Yes	No	No	No	No	No
314	mspQoSMP	4052	critical	Error	SIP Firewall Failure. %2: %3.	Send NT event log and stlog to development / ITAS.	Firewall functionalities failed for SIP call.	Yes	No	No	No	No	No
315	mspQoSMP	4053	critical	Error	SIP Nat Failure. %2: %3.	Send NT event log and stlog to development / ITAS.	Nat functionalities failed for SIP call.	Yes	No	No	No	No	No
316	mspQoSMP	4054	warning	Information	Non-SIP Packet through SIP default port 5060.	Send NT event log and stlog to development / ITAS. Check there are any non-SIP packets going through the BCM via the port 5060.		No	Yes	No	No	No	No
317	mspQoSMP	4055	warning	Information	%2 link is %3.	If WAN link is down, check the cable and make sure the configuration on both ends match.		No	Yes	No	No	No	No
318	mspQoSMP	5001	critical	Error	%2 : Could not allocate the resources necessary for operation.	System is low on memory. Reboot system.		No	No	Yes	No	No	No
319	mspQoSMP	5005	critical	Error	%2 : Has encountered an internal error and has failed.	QoS driver has failed to load. Reboot system. If this error persists, contact Customer Support.	Catastrophic driver failure.	No	No	No	No	No	No
320	mspQoSMP	5011	critical	Error	%2 : A required parameter is missing from the Registry.	Possible problem with LAN or WAN drivers.	Could not get Information from one of the network interface drivers.	No	No	No	No	No	No
321	mspQoSMP	9001	minor	Warning	%2 could not allocate a resource of type %3 due to system resource problems.	System is low on memory. Reboot system.		No	No	Yes	No	No	No
322	mspQoSMP	9004	critical	Error	%2 failed to register itself with the NDIS wrapper.	QoS driver has failed to load. Reboot system. If this error persists, contact Customer Support.	Catastrophic driver failure.	No	No	No	No	No	No
323	NCM	301		Information	The description for Event ID (311) in Source (NCM) could not be found. It contains the following insertion string(s): NCM config import started. Command option - /k.	No action required.		No	No	No	No	No	No
324	NCM	302	warning	Information	The description for Event ID (311) in Source (NCM) could not be found. It contains the following insertion string(s): NCM config command completed.	No action required.		No	No	No	No	No	No
325	NCM	311	warning	Information	The description for Event ID (311) in Source (NCM) could not be found. It contains the following insertion string(s): NCM file import started. Command option - /l.	No action required.		No	No	No	No	No	No
326	NCM	312	warning	Information	The description for Event ID (311) in Source (NCM) could not be found. It contains the following insertion string(s): NCM file command completed.	No action required.		No	No	No	No	No	No
327	NetBT	4319	critical	Error	A duplicate name has been detected on the TCP network. The IP address of the machine that sent the message is in the data. Use nbtstat -n in a command window to see which name is in the Conflict state.	The most likely reason for this is that a duplicate name has been detected on the network. Use the NBTSTAT -N command to see the name of the computer in the conflict state. The IP address of the node that sent the message is in the data returned by this command, offset by 28 bytes.		No	No	Yes	No	No	No

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
328	NetIQObjMgr	15000	minor	Warning	The value for Authorized Management Server(s) was changed to XYZ	No action required.	The event will be generated if the value for the "Authorized Management Server(s)" field is changed.	No	Yes	No	No	No	No
329	NetIQObjMgr	15001	minor	Warning	The Bind Management Server Port number was changed to XYZ.	No action required.	The event will be generated if the "Bind Management Server Port" field is modified.	No	Yes	No	No	No	No
330	NetIQObjMgr	15002	minor	Warning	The NetIQ Agent Listening Port number was changed to XYZ.	No action required.	The event will be generated is the value for the "NetIQ Agent Listening Port" is changed.	No	Yes	No	No	No	No
331	NetIQmc	0	warning	Information	The following is the message from NetIQ AppManager: SERVICE_STOPPED.	No action required.	This event will be generated if the NetIQ AppManager Client Resource Monitor service is stopped.	No	Yes	No	No	No	No
332	NetIQccm	0	warning	Information	The following is the message from NetIQ AppManager: SERVICE_STOPPED.	No action required.	This event will be generated if the NetIQ AppManager Client Communication Manager service is stopped.	No	Yes	No	No	No	No
333	NetIQccm	257	warning	Information	The following is the message from NetIQmc: [764] NetIQmc warm started.	No action required.	This event will be generated if the NetIQ AppManager Client Resource Monitor service is started.	No	Yes	No	No	No	No
334	NetIQccm	261	warning	Information	The following is the message from NetIQccm: [187] NetIQccm warm started.	No action required.	This event will be generated if the NetIQ AppManager Client Communication Manager service is started.	No	Yes	No	No	No	No
335	NetIQccm	264	warning	Information	NetIQccm ADMIN message: [195] Ping MS <XYZ.XYZ.XYZ.XYZ> fail with error 1."	No action required. A person could do some basic network testing if they see the failure to ping message to determine if they are having network problems, but no action is required.	This event will be generated if the link between the BCM and the NetIQ Vivinet Manager server gets broken.	Yes	Yes	No	No	No	No
336	NetIQccm	264	warning	Information	NetIQccm ADMIN message: [195] ccm is having intermittent communication / map file full failures while communicating with MS <XYZ.XYZ.XYZ.XYZ>. 1 of XYZ attempts failed within the last XYZ minutes. Last attempt succeeded.	No action required.	This event will be generated if the link between the BCM and the NetIQ Vivinet Manager server is back up again.	Yes	Yes	No	No	No	No
337	NetLinkManager	0	warning	Information	The description for Event ID (0) in Source (NetLinkManager) could not be found. It contains the following insertion string(s): Service started.	No action required.		No	No	Yes	Yes	Yes	Yes
338	NetLinkManager	0	warning	Information	The description for Event ID (0) in Source (NetLinkManager) could not be found. It contains the following insertion string(s): Service stopped.	No action required.		No	No	Yes	Yes	Yes	Yes
339	NETLOGON	3095	critical	Error	This Windows NT computer is configured as a member of a workgroup not as a member of a domain. The Netlogon service does not need to run in this configuration.	The Netlogon service should not be configured to start automatically on a server that is not a domain member. Configure the Netlogon service so that its startup type is set to "Manual."		No	No	No	No	No	No
340	NGRPCI	4	minor	Warning	Adapter NGRPCi#: Adapter Link Down.	Please make sure the LAN cards inside BCM is connected properly.	This is not valid before BCM 3.0 release.	No	No	No	Yes	Yes	Yes
341	NGRPCI	5	warning	Information	Adapter NGRPCi#: Adapter Link Up.	No action required	This is not valid before BCM 3.0 release.	No	No	No	Yes	Yes	Yes
342	NGRPCI	5000	warning	informatin	NGRPCI Adapter instance NGRPCi# Cable Connected Successfully	No action required	This event is only valid before BCM 3.0 release.	No	No	No	No	No	No
343	NGRPCI	5001	minor	Warning	NGRPCI Adapter instance NGRPCi# LAN Cable Disconnected	Please make sure the LAN cards inside BCM is connected properly.	This event is only valid before BCM 3.0 release.	No	No	No	No	No	No
344	NGRPCI	5003	critical	Error	Could not find an adapter	Please check the profiles first. If the BCM has only one LAN adapter installed, ignore this message. Otherwise, change the LAN adapter.		No	No	No	No	No	No
345	NGRPCI	5009	critical	Error	Does not support the configuration supplied.	Please check the PCI Slot and make sure that the Netgear FA310 10/100 Fast Ethernet adapter is plugged into the slot porperly. Otherwise swap the Ethernet Adapter.		No	No	No	No	No	No
346	Nnu	1000	warning	Information	An NNU Logging application has registered and will process logging messages.	No action required.		No	No	No	No	No	No
347	NSACD	0	critical	Error	ITGNS error: %d, Exit code: %d	Send NT event log and stlog to development / ITAS. Manually restart service or reboot BCM	Logged if service failed to start. Error number is that returned by GetLastError().	No	No	No	No	No	No
348	NwRdr	8007	minor	Warning	The Microsoft Client Service for NetWare redirector has timed out one or more requests to <Server name>.	Contact Support.		No	No	No	No	No	No
349	OSPFMib	2	warning	Information	Service initializing	No action required.		No	No	No	No	No	No
350	Perfctrs	3101	critical	Error	Unable to read IO control information from NBT device.	In most cases, no action is required. However, please check the network connections of the BCM are working.	NBT = NetBIOS over TCP/IP. This can happen when trying to monitor statistics from an inactive network adapter. It can generally be ignored.	No	No	No	No	No	No
351	Perflib	1008	critical	Error	The Open Procedure for service "RasRad" in DLL "rasrad.dll" failed. Performance data for this service will not be available. Status code returned is DWORD 0.	This event should not be seen in BCM 3.0. In case of its occurance in a BCM 3.0 machine, please contact Nortel Networks support team.		No	No	No	No	No	No
352	Perflib	2002	minor	Warning	The open procedure for service (service name) in DLL (DLL name) has taken longer than the established wait time to complete. The wait time in milliseconds is shown in the date.	No action required. However, please report the message indicating the service name and the DLL name to support.		No	No	No	No	No	No
353	Policy Services	5	warning	Information	Policy Service started.	No action required.		No	No	No	No	No	No
354	Policy Services	6	warning	Information	Policy Service stopped.	No action required.		No	No	No	No	No	No
355	qos_flt_init	0	warning	Information	The description for Event ID (0) in Source (qos_flt_init) could not be found. It contains the following insertion string(s): Service started.	No action required.	Useful for WAN, LAN status during bootup but not a normal operation top alarm.	No	No	Yes	No	No	No
356	qos_flt_init	0	warning	Information	The description for Event ID (0) in Source (qos_flt_init) could not be found. It contains the following insertion string(s): Service stopped.	No action required.		No	No	No	No	No	No
357	Rdr	3013	minor	Warning	The redirector has timed out a request to <Server Name or IP>.	Check the server and the connection to the server.		No	No	No	No	No	No

	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
358	Rdr	8003	critical	Error	The master browser has received a server announcement from the computer <computer name> that believes that it is the master browser for the domain on transport <transport name>. The master browser is stopping or an election is being forced.	To stop the 8003 error messages, make sure the routers on the network are not forwarding UDP broadcasts, keeping browser elections on NetBT local to each subnet and enable WINS or lmhosts on the network for netbios name resolution.		No	No	No	No	No	No
359	Router	20013	critical	Error	The communication device attached to port COM2 is not functioning.	Contact Nortel Network's support team.		No	No	No	No	No	No
360	Router	20015	warning	Information	The authentication is successful.	No action required.		No	No	No	No	No	No
361	Router	20031	critical	Error	Remote Access Connection Manager failed to start because it could not locate port information from media DLLs. Restart the computer, if the problem persists.	Contact Nortel Network's support team.	Backup configuration data using BRU re-ghost the hard disk with the image of the same release, and then restore the backup data.	No	No	No	No	No	No
362	Router	20048	warning	Information	A successful dialin session is ending.	No action required.		No	No	No	No	No	No
363	Router	20049	minor	Warning	A user with invalid username/password combination or a user without dialin permission tries to dial in to the system.	No action required.		No	No	No	No	No	No
364	Router	20064	warning	Information	The authentication for a dial-in user is successful and the BCM dials back to the user on a specific number.	No action required.		No	No	No	No	No	No
365	Router	20089	critical	Error	The remote client is busy or the callback number is wrong when a user with callback enabled tries to dial in to the system.	Check whether the callback number is right.		No	No	No	No	No	No
366	Router	20101	minor	Warning	Using the default value for Registry parameter Enabled because the value given is not in the legal range for the parameter.	No action required.		No	No	No	No	No	No
367	Router	20103	critical	Error	Unable to load C:\winnt\system32\ipxrtmgr.dll.	Contact Support.		No	No	No	No	No	No
368	Router	20105	critical	Error	Unable to load the interface ModemBackup from the registry. The following error occurred: There are no routing enabled ports available for use by this demand dial interface.	Contact Nortel Network's support team.	Backup configuration data using BRU re-ghost the hard disk with the image of the same release, and then restore the backup data.	No	No	No	No	No	No
369	Router	20105	critical	Error	Unable to load the interface TivDialup from the registry. The following error occurred: There are no routing enabled ports available for use by this demand dial interface.	Contact Nortel Network's support team.	Backup configuration data using BRU re-ghost the hard disk with the image of the same release, and then restore the backup data.	No	No	No	No	No	No
370	Router	20111	critical	Error	The demand dial connection fails to complete because of no answer, or invalid user, or busy line.			No	No	No	No	No	No
371	Router	20139	warning	Information	The port COM2 has been disconnected due to inactivity	No action required.		No	No	No	No	No	No
372	Router	20139	warning	Information	The dial-up link drops.	No action required.		No	No	No	No	No	No
373	SAM	12288	critical	Error	SAM failed to write changes to the database. This is most likely due to memory or disk-space shortage. The SAM database will be restored to an earlier state. Recent changes will be lost. Check the disk-space available and maximum pagefile size setting.	Contact Support.		No	No	No	No	No	No
374	Save Dump	1001	warning	Information	The computer has rebooted from a bugcheck. The bugcheck was: 0x0000000a (0x000002d8, 0x00000002, 0x00000001, 0xf3e9f7c1). Microsoft Windows NT [v15.1381]. A dump was saved in: E:MEMORY.DMP.	Contact Nortel Network's support team. Please forward the message for to the support team. Please not remove the dump file.		No	No	Yes	Yes	Yes	Yes
375	Security	512	warning	Success Audit	Windows NT is starting up.	No action required.		No	No	No	No	No	No
376	Security	515	warning	Success Audit	A trusted logon process has registered with the Local Security Authority. This logon process will be trusted to submit logon requests. Logon Process Name: \inetinfo.exe	No action required.		No	No	No	No	No	No
377	Security	528	warning	Success Audit	Successful Logon: User Name: <user name> Domain: <domain> Logon ID: <id> Logon Type: <type> Logon Process: User32 Authentication Package: <package version> Workstation Name: <name>	No action required.		No	No	No	No	No	No
378	Security	529	major	Failure Audit	Logon Failure: Reason: Unknown user name or bad password User Name: <user name> Domain: <domain> Logon Type: <type> Logon Process: User32 Authentication Package: <package version> Workstation Name: <name>	No action required. However, this event may indicate an un-authorized access attempt.		No	No	Yes	Yes	Yes	Yes
379	Security	538	warning	Success Audit	User Logoff: User Name: <name> Domain: <domain> Logon ID: <id> Logon Type: 3	No action required.		No	No	No	No	No	No
380	Security	577	major	Failure Audit	Privileged Service Called: Server: NT Local Security Authority / Authentication Service Service: LsaRegisterLogonProcess() Primary User Name: SYSTEM Primary Domain: NT AUTHORITY Primary Logon ID: (0x0,0x3E7) Client User Name: <User> Client Domain: <Domain> Client Logon ID: (0x0,0x1234) Privileges: SeTcbPrivilege	No action required. This event does not indicate a security breach; you can safely ignore it.		No	No	No	No	No	No
381	Security	577	warning	Success Audit	Privileged Service Called: Server: NT Local Security Authority / Authentication Service Service: LsaRegisterLogonProcess() Primary User Name: SYSTEM Primary Domain: NT AUTHORITY Primary Logon ID: <id> Client User Name: ee_admin Client Domain: <domain> Client Logon ID: <id> Privileges: SeTcbPrivilege	No action required.		No	No	No	No	No	No
382	Security	624	warning	Success Audit	User Account Created: Target Account Name: <name> Target Domain: <domain> Target Account ID: <id> Caller User Name: <name> Caller Domain: <domain> Caller Logon ID: <id> Privileges: -	No action required. Note that a user account is created.		No	No	Yes	No	No	No
383	Security	626	warning	Success Audit	User Account Enabled: Target Account Name: <name> Target Domain: <domain> Target Account ID: <id> Caller User Name: <name> Caller Domain: <domain> Caller Logon ID: <id>	No action required. Note that a user account is enabled..		No	No	No	No	No	No
384	Security	628	warning	Success Audit	User Account password set: Target Account Name: <name> Target Domain: <domain> Target Account ID: <id> Caller User Name: <name> Caller Domain: <domain> Caller Logon ID: <id>	No action required. (a password set)		No	No	No	No	No	No
385	Security	630	warning	Success Audit	User Account Deleted: Target Account Name: <name> Target Domain: <domain> Target Account ID: <id> Caller User Name: <name> Caller Domain: <domain> Caller Logon ID: <id> Privileges: -	No action required. (a user account is deleted.)		No	No	No	No	No	No

	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
386	Security	632	warning	Success Audit	Global Group Member Added: Member: <member id> Target Account Name: <name> Target Account ID: <id> Caller User Name: <name> Caller Domain: <domain> Caller Logon ID <id> Privileges: -	No action required. (a global group member added.)		No	No	No	No	No	No
387	Security	633	warning	Success Audit	Global Group Member Removed: Member: <member id> Target Account Name: <name> Target Domain: <domain> Target Account ID <id> Caller User Name: <name> Caller Domain: <domain> Caller Logon ID: <id> Privileges: -	No action required. (a global group member removed.)		No	No	No	No	No	No
388	Security	636	warning	Success Audit	Local Group Member Added: Member: <member id> Target Account Name: <name> Target Domain: <domain> Target Account ID: <id> Caller User Name: <name> Caller Domain: <domain> Caller Logon ID <id> Privileges: -	No action required. (a local group member added.)		No	No	No	No	No	No
389	Security	637	warning	Success Audit	Local Group Member Removed: Member: <member id> Target Account Name: <name> Target Domain: <domain> Target Account ID: <id> Caller User Name: <name> Caller Domain: <domain> Caller Logon ID <id> Privileges: -	No action required. (a local group member removed.)		No	No	No	No	No	No
390	Security	642	warning	Success Audit	User Account Changed: Target Account Name: <name> Target Domain: <domain> Target Account ID: <id> Caller User Name: <name> Caller Domain: <domain> Caller Logon ID: <id> Privileges: -	No action required. (a user account is changed.)		No	No	No	No	No	No
391	Security	644	warning	Success Audit	User Account Locked Out: Target Account Name: <account name> Target Account ID: <SID number> Caller Machine Name: localhost/127.0.0.1 (Jintegra) Caller User Name: SYSTEM Caller Domain: NT AUTHORITY Caller Logon ID: (xxxxxxx)	The user account will automatically be unlocked after 30 minutes (default settings). The administrator can unlock the account through the User Manager interface in Unified Manager. If this activity persists, this may be an indication that someone is attempting an unauthorized access to the BCM. The organization's security prime should be notified.		No	No	No	No	No	No
392	serial	8	minor	Warning	Not enough resources were available for the driver.	This is not a problem. This message can be ignored.		Yes	No	No	No	No	No
393	Service Control Manager	7000	critical	Error	The Voice MSC Service service failed to start due to the following error	If voice services (ie voice mail, IP calls etc) are available then there is no action required. Otherwise a restart of the BCM is required. This is not only for BCM 3.0.	The service did not respond to the start or control request in a timely fashion.	No	No	No	No	No	No
394	Service Control Manager	7000	critical	Error	The WANic 500 Driver service failed to start due to the following error:	Contact your technical support representative.	A device attached to the system is not functioning.	No	No	No	No	No	No
395	Service Control Manager	7000	critical	Error	The Isecdrv service failed to start due to the following error: %%2	Contact Support.	BCM FP1 Upgrades will fail to install, no longer supported, replace BCM hard drive.	No	No	No	No	No	No
396	Service Control Manager	7000	critical	Error	The Voice Net QoS Monitor service failed to start due to the following error: %%1053	Contact Support.		No	No	No	No	No	No
397	Service Control Manager	7001	critical	Error	The Call Detail Recording service depends on the Media Services Manager service which failed to start because of the following error:	The Media Services Manager service needs to be started.	The dependency service or group failed to start.	No	No	No	No	No	No
398	Service Control Manager	7001	critical	Error	The DECT Alarm Monitor service depends on the DECT OAM service which failed to start because of the following error:	The Media Services Manager service needs to be started.	The dependency service or group failed to start.	No	No	No	No	No	No
399	Service Control Manager	7001	critical	Error	The DECT OAM service depends on the Media Services Manager service which failed to start because of the following error:	The Media Services Manager service needs to be started.	The dependency service or group failed to start.	No	No	No	No	No	No
400	Service Control Manager	7001	critical	Error	The Media Services Manager service depends on the Voice MSC Service service which failed to start because of the following error:	Start Voice MSC Service. If the problems persist, contact your technical support representative.	The service did not respond to the start or control request in a timely fashion.	No	No	No	No	No	No
401	Service Control Manager	7001	critical	Error	The Message Trace Tool service depends on the Media Services Manager service which failed to start because of the following error:	Start the Media Services Manager service.	The dependency service or group failed to start.	No	No	No	No	No	No
402	Service Control Manager	7001	critical	Error	The Task Scheduler service depends on the Net Logon service which failed to start because of the following error:	Start Net Logon service.	The service has returned a service-specific error code.	No	No	No	No	No	No
403	Service Control Manager	7001	critical	Error	The UNISTIM Terminal Proxy Server service depends on the Media Gateway Server service which failed to start because of the following error:	Start the Media Gateway Server.	The dependency service or group failed to start.	No	No	No	No	No	No
404	Service Control Manager	7001	critical	Error	The Voice CFS service depends on the Media Services Manager service which failed to start because of the following error:	Start the Media Services Manager service.	The dependency service or group failed to start.	No	No	No	No	No	No
405	Service Control Manager	7001	critical	Error	The Voice CTE service depends on the Media Services Manager service which failed to start because of the following error:	Start the Media Services Manager service.	The dependency service or group failed to start.	No	No	No	No	No	No
406	Service Control Manager	7001	critical	Error	The Voice Mail service depends on the Voice CTI service which failed to start because of the following error:	Start Voice CTI service.	The dependency service or group failed to start.	No	No	No	No	No	No
407	Service Control Manager	7001	critical	Error	The Voice Software Alarm Monitor service depends on the Media Services Manager service which failed to start because of the following error:	The Media Services Manager service needs to be started.	The dependency service or group failed to start.	No	No	No	No	No	No
408	Service Control Manager	7001	critical	Error	The VoIP Gateway service depends on the Media Path Server service which failed to start because of the following error:	Start the Media Path Server service.	The dependency service or group failed to start.	No	No	No	No	No	No
409	Service Control Manager	7001	critical	Error	The Remote Access Connection manager service depends on the workstation service which failed to start because of the following error: duplicate name exists on the network.	The BCM name should be unique in the network	Happens when network name on BCM is in use on the network.	No	No	No	Yes	Yes	Yes
410	Service Control Manager	7009	critical	Error	Timeout (120000 milliseconds) waiting for service to connect.			No	No	No	No	No	No
411	Service Control Manager	7022	critical	Error	The Voice MSC Service service hung on starting.	Contact your local support group.		No	No	No	No	No	No
412	Service Control Manager	7023	critical	Error	The Call Detail Recording service terminated with the following error:	Contact your local support group.		No	No	Yes	No	No	No
413	Service Control Manager	7023	critical	Error	The Voice Management Subsystem service terminated with the following error:	Please supply archlog and report to support team.	Incorrect function.	No	No	Yes	No	No	No
414	Service Control Manager	7023	critical	Error	The workstation service terminated with the following error: A duplicate name exists on the network.	The BCM name should be unique in the network		No	No	No	No	No	No
415	Service Control Manager	7024	critical	Error	The Net Logon service terminated with service-specific error 3095.	The Netlogon service should not be configured to start automatically on BCM that is not a domain member. Configure the Netlogon service so that its startup type is set to "Manual".		No	No	No	No	No	No
416	Service Control Manager	7024	critical	Error	The Voice CTI service terminated with service-specific error 204.	No action required.		No	No	No	No	No	No

	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
417	Service Control Manager	7024	critical	Error	The Remote Access Connection Manager service terminated with service-specific error 620.	Please contact support. (Note for support: Start the Plug and Play service, and change the Startup mode from Manual or Disabled to Enabled.)		No	No	Yes	Yes	Yes	Yes
418	Service Control Manager	7024	critical	Error	The Voice MSC Service service terminated with service-specific error 85.	If voice services (ie voice mail, IP calls etc) are available then there is no action required. Otherwise a restart of the BCM is required. This is not only for BCM 3.0.		No	No	Yes	Yes	Yes	Yes
419	Service Control Manager	7026	critical	Error	The following boot-start or system-start driver(s) failed to load: intlfxsr kbdclass mouclass nullinp nullvga	Contact Support.	BCM FP1 Upgrades will fail to install, no longer supported, replace BCM hard drive.	No	No	No	No	No	No
420	SNMP	1001	warning	Information	The SNMP Service has started successfully.	No action required.		No	No	No	No	No	No
421	SNMP Trap Agent	101	warning	Information	The Small Site Trap Agent DLL has been loaded.	No action required.		No	No	No	No	No	No
422	SNMP Trap Agent	102	warning	Information	The Small Site Trap Agent DLL has been unloaded.	No action required.		No	No	No	No	No	No
423	Srv	2000	critical	Error	The server's call to a system service failed unexpectedly.	Contact Support.		No	No	No	No	No	No
424	Srv	2019	critical	Error	The server was unable to allocate from the system nonpaged pool because the pool was empty.	Contact Support.		No	No	No	No	No	No
425	Srv	2021	minor	Warning	The server was unable to allocate a work item 2 times in the last 60 seconds.	Contact Support.		No	No	No	No	No	No
426	SSH Secure Shell Server	0	minor	Warning	Warning: DNS lookup failed for "xxx.xxx.xxx.xxx".	None. DNS lookup is not required in order to log in through SSH.		Yes	No	No	No	No	No
427	Survivable Remote Gateway	1200	warning	Information	SRG Starting	No Action Required		No	Yes	No	No	No	No
428	Survivable Remote Gateway	1201	warning	Information	SRG is shutting down	No Action Required		No	Yes	No	No	No	No
429	Survivable Remote Gateway	1204	warning	Information	DN:XXXX, Test Local Mode	Test feature		No	Yes	No	No	No	No
430	Survivable Remote Gateway	1205	warning	Information	DN:XXXX, Local Mode - Firmware is out of sync with Main Office Call Server	Indicates that IP set FW on main office has been upgraded and the required FW version is available on the SRG		No	Yes	No	No	No	No
431	Survivable Remote Gateway	1206	warning	Information	DN:XXXX, Local Mode - Set Firmware Upgrade in Progress	No Action Required		No	Yes	No	No	No	No
432	Survivable Remote Gateway	1207	warning	Information	DN:XXXX, Normal Mode - Set Redirected to Main Office	No Action Required		No	Yes	No	No	No	No
433	Survivable Remote Gateway	1208	warning	Information	DN:XXXX, Local Mode - Redirection Pending (Set on call)	No Action Required		No	Yes	No	No	No	No
434	Survivable Remote Gateway	1209	warning	Information	DN:XXXX, Local Mode - Firmware Upgrade Pending (Set on call)	No Action Required		No	Yes	No	No	No	No
435	Survivable Remote Gateway	2200	minor	Warning	DN:XXXX, Invalid ID (1) - No endpoint in Gatekeeper database	Indicates configuration problem		No	Yes	No	No	No	No
436	Survivable Remote Gateway	2201	minor	Warning	DN:XXXX, Invalid ID (2) - ID unknown within the Call Server	Indicates configuration problem		No	Yes	No	No	No	No
437	Survivable Remote Gateway	2202	minor	Warning	DN:XXXX, Invalid ID (3) - Endpoint in Gatekeeper database is Originating Call Server	Indicates configuration problem		No	Yes	No	No	No	No
438	Survivable Remote Gateway	2203	minor	Warning	Permission Denied (1) – No configured Installer Password	Indicates configuration problem		No	Yes	No	No	No	No
439	Survivable Remote Gateway	2204	minor	Warning	Permission Denied (2) - Branch User already registered with the TN associated with the UserID	Indicates configuration problem		No	Yes	No	No	No	No
440	Survivable Remote Gateway	2205	minor	Warning	Permission Denied (4) – i2002 set used to register with i2004 or i2050 TN	Indicates configuration problem		No	Yes	No	No	No	No
441	Survivable Remote Gateway	2206	minor	Warning	Permission Denied (6) - Retry Allowed	Indicates configuration problem		No	Yes	No	No	No	No
442	Survivable Remote Gateway	2207	minor	Warning	Locked from Login (1) – Password failed 3 times	Indicates configuration problem		No	Yes	No	No	No	No
443	Survivable Remote Gateway	2208	minor	Warning	DN:XXXX, Local Mode - Main Office Parameters Not Provisioned	Indicates configuration problem		No	Yes	No	No	No	No
444	Survivable Remote Gateway	3201	critical	Error	DN:XXXX, Local Mode - Net Connect Server Unreachable	Indicates connectivity problem		No	Yes	No	No	Yes	Yes
445	Survivable Remote Gateway	3202	critical	Error	DN:XXXX, Local Mode - Main Office TPS Unreachable	Indicates connectivity problem		No	Yes	No	No	No	No
446	Survivable Remote Gateway	3203	critical	Error	DN:XXXX, Local Mode - Firmware is not available on the SRG	Indicates that IP set FW on main office has been upgraded and the required FW version is not available on SRG		No	Yes	No	No	No	No
447	System Status Monitor	1000	warning	Information	%1 reports activity.	No Action Required	A process has reported to the SSM that either it, or its monitored services are indicating activity.	Yes	No	No	No	No	No
448	System Status Monitor	1001	warning	Information	%1 reports all of its services are functioning correctly	No Action Required	A process has reported to the System Status Monitor that either it, or its monitored services are functioning properly.	Yes	No	No	No	No	No
449	System Status Monitor	1002	warning	Information	The System Service Monitor has been stopped	No Action Required	A process has reported to the System Status Monitor that either it, or its monitored services are stopped normally.	Yes	No	No	No	No	No
450	System Status Monitor	1003	warning	Information	The System Status Monitor has been started	No Action Required	A process has reported to the System Status Monitor that either it, or its monitored services are started normally.	Yes	No	No	No	No	No
451	System Status Monitor	1004	warning	Information	1. %PCI Device Driver% Driver Recovered. 2. %Device Name% Device Recovered.	No Action Required.	PCI Devices and Drivers Information	Yes	No	No	No	No	No
452	System Status Monitor	1005	warning	Information	1. %Power Value% Power Recovered. 2. Power Supply Fan1 Recovered. 3. Power Supply Fan2 Recovered.	No Action Required.	Power Supply Information	Yes	No	Yes	Yes	Yes	Yes
453	System Status Monitor	1006	warning	Information	1. CPU Fan Recovered. 2. Fan1 Recovered in Tolerance %#%. 3. Fan2 Recovered in Tolerance %#%.	No Action Required.	CPU Fan, Fan1 and Fan2 Recovery Information	Yes	No	Yes	Yes	Yes	Yes
454	System Status Monitor	1007	warning	Information	CPU Temperature Recovered.	No Action Required. CPU Temperature recovered to less than 100 degrees °C.	CPU Temperature Recovery Information. This alarm has been found to be insignificant as the CPU failure temperature is lower than 100 degrees Celsius as per the CPU specifications. Temperature alarms will be generated by SSM Event 3017	Yes	No	No	Yes	No	No
455	System Status Monitor	1008	warning	Information	HDD %#% Recovered.	No Action Required.	Hard Drives Capacity Information	Yes	No	No	Yes	Yes	Yes
456	System Status Monitor	1009	warning	Information	1. Physical Memory Recovered. 2. Virtual Memory Recovered.	No Action Required.	Physical and Logical Memories Recovery Information	Yes	No	No	Yes	Yes	Yes
457	System Status Monitor	1010	warning	Information	%1, Physical RAM Recovered.	No Action Required.	Physical RAM size Recovery Information. Cannot reproduce this alarm in lab setup as this requires faulty hardware.	Yes	No	No	Yes	Yes	Yes
458	System Status Monitor	1011	warning	Information	CPU load Recovered.	No Action Required.	CPU Load Recovery Information	Yes	No	No	Yes	Yes	Yes

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
459	System Status Monitor	1012	warning	Information	1. RAID HW Found. 2. RAID HW Recovered. 3. Primary Single HDD Mode. 4. Mirrored Single HDD Mode. 5.Mirror Drives Mode. 6.Rebuilding Mirror Master HDD. 7. Rebuilding Primary Master HDD. 8. Mirror Master HDD Rebuild Complete. 9. Primary Master Rebuild Complete. 10. Replace Mirror Master HDD. 11. Replace Primary Master HDD. 12. Replace Parimay & Mirror Master HDDs.	For 1 to 9, No Action Required. For 10, 11 and 12 replace HDD in next maintenance window.	RAID Hardware Recovery Information	Yes	No	Yes	Yes	Yes	Yes
460	System Status Monitor	1013	warning	Information	1. Bytes Total/sec Recovered. 2. getting Network Information Recovered. 3. Bytes Sent/sec Recovered. 4. Bytes Received/sec Recovered. 5. Packets Received Error/sec Recovered. 6. Packets Received Discarded/sec Recovered. 7. Packets Outbound_Error/sec Recovered. 8. Packets found Discarded/sec Recovered.	No Action Required.	LAN1, LAN2 and WAN Information.	Yes	No	No	No	No	No
461	System Status Monitor	1014	warning	Information	Non-PAged Memory Recovered.	No Action Required.	Non-Page Memory Recovery Information	Yes	No	No	No	No	No
462	System Status Monitor	1015	warning	Information	Telephony Services %1	No Action Required.	Telephony Services Status Information. When this indicates "Up" Unified Manager can be accessed.	Yes	No	No	No	No	No
463	System Status Monitor	1016	warning	Information	Temperature Recovered.	No Action Required. Temperature recovered to less than 40 degrees °C.	Temperature Recovery Information	Yes	No	No	Yes	Yes	Yes
464	System Status Monitor	2000	minor	Warning	1. %CPUFan Value% Below normal Tolerance. 2. %Fan1 Value% failed in Tolerance %#%. 3. %Fan2 Value% failed in Tolerance %#%.	1. Check CPU Fan 2. Check Fan 1 3. Check Fan 2	CPU FAN, FAN1 And FAN2 Warnings	Yes	No	No	Yes	Yes	Yes
465	System Status Monitor	2001	minor	Warning	HDD %#% near or on its capacity.	Check HDD %#% Capacity	Hard Drives Capacity Warnings	Yes	No	Yes	Yes	Yes	Yes
466	System Status Monitor	2002	minor	Warning	Unable to get %#% Drive from system environment.	No Action Required. SSM failed to retrieve the information of HDD %#% from system. This HDD drive will not be monitored by SSM.	SSM failed to retrieve the information of HDD %#% from system. This HDD drive will not be monitored by SSM.	Yes	No	No	No	No	No
467	System Status Monitor	2003	minor	Warning	1. Physical Memory near or on its capacity. 2. Virtual Memory near or on its capacity.	No Action Required. Its recommended that an assesment be made of memory utilization of your BCM.	Physical and Logical Memories Warning	Yes	No	Yes	Yes	Yes	Yes
468	System Status Monitor	2004	minor	Warning	%1, Physical RAM size less than expected.	Increase Physical RAM size in next maintenance window to increase the BCM performance.	Increase Physical RAM size	Yes	No	No	No	No	No
469	System Status Monitor	2005	minor	Warning	1. %#% Bytes Total/sec greater than 25% of LAN/WAN %#% speed. 2. Failed to get Network Information. 3. %#% Bytes Sent/sec greater than 50% of LAN/WAN %#% speed. 4. %#% Bytes Received/sec greater than 50% of LAN/WAN %#%speed. 5. Packets Received Error/sec of LAN/WAN%#%. 6. Packets Received Discarded/sec of LAN/WAN%#%. 7. Packets Outbound_Error/sec of LAN/WAN%#%. 8. Packets found Discarded/sec of LAN/WAN%#%.	No Action Required.	LAN1, LAN2 and WAN Warnings	Yes	No	No	No	No	No
470	System Status Monitor	2006	minor	Warning	CPU load above 98%.	Check System Services to identify which service are consuming the CPU cycles.	CPU load above 98% for more than 2 minutes.	Yes	No	Yes	Yes	Yes	Yes
471	System Status Monitor	2007	minor	Warning	Non-Paged Memory near or on its capacity.	No Action Required.	Non-Page Memory Warning	Yes	No	No	Yes	Yes	Yes
472	System Status Monitor	2008	critical	Warning	CPU Temperature Above Tolerance 100 °C for more than one Minute	SSM will shutdown the BCM if the CPU temperature doesn't recovered within two Minutes	CPU Temperature above Tolerance 100 ° C for more than one Minute, SSM will shutdown the BCM if the CPU temperature doesn't recovered within two Minutes. This alarm has been found to be insignificant as the CPU failure temperature is lower than 100 degrees Celsius as per the CPU specifications. Temperature alarms will be generated by SSM Event 3017	Yes	No	No	Yes	No	No
473	System Status Monitor	3000	critical	Error	%1 reports some of its services are not functioning correctly	Check the service that is reporting that some services are down.	A process has reported to the SSM that either it, or its monitored services are not fully functional.	Yes	No	Yes	No	No	No
474	System Status Monitor	3001	critical	Error	%1 reports that all of its services are down	Check the service that is reporting services are down.	A process has reported to the SSM that either it, or its monitored services are all not functioning.	Yes	No	Yes	No	No	No
475	System Status Monitor	3002	critical	Error	The time interval could not be set on the L.E.D.'S. Board	No immediate Action Required but If the condition persists contact Nortel Support.	Upon SSM initialization the time could not be set on the L.E.D.'S. board. A default value will be used.	Yes	No	No	No	No	No
476	System Status Monitor	3003	critical	Error	The number of timeouts could not be set on the L.E.D.'S. Board	No immediate Action Required but If the condition persists contact Nortel Support.	Upon SSM initialization the time could not be set on the L.E.D.'S. board. A default value will be used.	Yes	No	No	No	No	No
477	System Status Monitor	3004	critical	Error	BCM Reset could not be set on the L.E.D.'S. Board	No immediate Action Required but If the condition persists contact Nortel Support.	Upon SSM initialization the time could not be set on the L.E.D.'S. board. A default value will be used.	Yes	No	No	No	No	No

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2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
478	System Status Monitor	3005	critical	Error	The SSM thread that responds to sanity checks from the L.E.D.'S. board could not be created.	No immediate Action Required but If the condition persists contact Nortel Support.	Windows was not able to create a thread required for the SSM to perform sanity checking while initializing the SSM. Sanity checking will be disabled.	Yes	No	No	No	No	No
479	System Status Monitor	3006	critical	Error	Sanity Information could not be retrieved from the registry. Using defaults	There is a problem with the Windows registry. The SSM service should be re-started. If the condition persists contact Nortel Support.	Upon SSM initialization the sanity Information could not be retrieved from the registry. Default values will be used.	Yes	No	No	No	No	No
480	System Status Monitor	3007	critical	Error	The SSM received a bad service request	The SSM service should be re-started. If the condition persists contact Nortel Support.	The SSM received a bad service request form Service Control Manager (SCUM).	Yes	No	No	No	No	No
481	System Status Monitor	3008	critical	Error	The Service Request handler is not installed, the SSM will not be started	The SSM service should be re-started. If the condition persists contact Nortel Support.	Upon SSM initialization the Service Request handler was not correctly loaded.	Yes	No	No	No	No	No
482	System Status Monitor	3009	critical	Error	A problem occurred initializing the SSM. Sanity checking is being turned off.	The SSM service should be re-started. If the condition persists contact Nortel Support.	Windows was not able to create "Events" required to perform sanity checking. Sanity checking will be disabled, the board is being switched to quiet mode.	Yes	No	No	No	No	No
483	System Status Monitor	3010	critical	Error	Unable to access COM2. The SSM cannot be started	End the process that is using COM2 and restart SSM Service. If the condition persists contact Nortel Support.	The SSM could not access COM2. The SSM will not be started.	Yes	No	No	No	No	No
484	System Status Monitor	3011	critical	Error	1. PCI Card Does not Exist. 2. %PCI Device Driver% Driver Failed. 3. %PCI Device Name% Device Failed.	1. Check for existence of the PCI device or replace it. 2. Check for PCI device driver. 3. Check for existence of the PCI device, and make sure its installed properly.	1. SSM Failed to detect the device. 2. PCI Device Driver failed or not working properly. 3. The PCI Device failed while it's functioning	Yes	No	Yes	Yes	Yes	Yes
485	System Status Monitor	3012	critical	Error	1. %Power Value% Power Failed. 2. %Power Supply Fan1 Value% Failed. 3. %Power Supply Fan2 Value% Failed.	1. Check the Power Supply (Module1, Module2 on redundant System) 2.Check Power Supply Fan1 3.Check Power Supply Fan2	1. SSM detects there is a failure in one of the power supply modules. 2. SSM detects there is a failure in power supply Fan1 3. SSM detects there is a failure in power supply Fan2	Yes	No	Yes	Yes	Yes	Yes
486	System Status Monitor	3013	critical	Error	1. CPU Fan Stopped. 2. %Fan1 Value% Below Tolerance %#% 3. %Fan2 Value% Below Tolerance %#%	1. Check CPU Fan 2. Check Fan 1 3. Check Fan 2	1. CPU Fan stopped or failed. 2. Fan 1 speed below tolerance level %#% 3. Fan 2 speed below tolerance level %#%	Yes	No	Yes	Yes	Yes	Yes
487	System Status Monitor	3014	critical	Error	1. DupliDisk Mirroring Kit not found. 2. DupliDisk Mirroring failed. 3. Mirror Software shut down. 4. Mirror Master HDD failed reading/Writing 5. Primary Master HDD Failed. Reading/Writing. 6. Replacement HDD Smaller than Active Drive. 7. Mirror HDD Smaller than Active Drive. 8. Check Mirror Master HDD. 9. Check Primary Master HDD.	1. Check DupliDisk Mirroring KIT. 2. Check DupliDisk Mirroring KIT. 3. Check SSM status. 4. Check Mirror Master HDD power/Data cable. 5. Check Mirror Master HDD power/Data cable. 6, 7. Replacement HDD size should be equal or Larger that the Active HDD. 8. Check Mirror Master HDD. 9. Check Primary Master HDD.	1. SSM failed to detect the RAID CARD (Disk Mirroring). 2. SSM detects there is a failure in Disk Mirroring HW or DLL. 3. SSM Detects the Mirror software shuts it self down. 4. SSM detects there is a failure in Primary Master HDD 5. SSM detects there is a failure in Mirror Master HDD. 6, 7. Replacement HDD size should be equal or Larger that the Active HDD. 8. Mirror Master HDD not working properly. 9. Primary Master HDD not working properly.	Yes	No	Yes	Yes	Yes	Yes
488	System Status Monitor	3015	critical	Error	CPU Temperature Above Tolerance 100 °C for more than two Minutes SSM shutting down the power supply	BCM 1000 will reboot automatically, BCM200/400 need restart.	CPU Temperature Above Tolerance 100 °C for more than two Minutes, SSM shutting down the power supply. This alarm has been found to be insignificant as the CPU failure temperature is lower than 100 degree Celsius as per the CPU specifications. Temperature alarms will be generated by SSM Event 3017	Yes	No	No	Yes	No	No
489	System Status Monitor	3016	critical	Error	Non-paged memory on its capacity, SSM rebooting the BCM	BCM 1000 will reboot automatically, BCM200/400 need restart.	Non-paged memory on its capacity, SSM rebooting the BCM	Yes	No	No	Yes	Yes	Yes
490	System Status Monitor	3017	critical	Error	Temperature Above Tolerance 40 °C	Check BCM's environment temperature	BCM's environment temperature is too high.	Yes	No	Yes	Yes	Yes	Yes
491	Tcpip	4198	critical	Error	The system detected an address conflict for IP address <IP Address> with the system having network hardware address <Hardware Address>. Network operations on this system may be disrupted as a result.	Disconnect the network connection for the interface with <IP Address>, resolve the address conflict, reconnect the network connection, and reboot the machine if needed.	This issue is captures by TcpIP event ID 4199.	No	No	No	No	No	No
492	Tcpip	4199	critical	Error	The system detected an address conflict for IP address <IP Address> with the system having network hardware address <Hardware Address>. Network operations on this system may be disrupted as a result.	Disconnect the network connection for the interface with <IP Address>, resolve the address conflict, reconnect the network connection, and reboot the machine if needed.		No	No	Yes	Yes	Yes	Yes
493	TlntSvr	1000	warning	Information	The MS Telnet Service has started successfully.	No action required.		No	No	No	No	No	No
494	ToneSrvr	257	warning	Information	ToneSrvr Starting	None		Yes	No	No	No	No	No
495	ToneSrvr	258	warning	Information	ToneSrvr Terminated	None		Yes	No	No	No	No	No
496	ToneSrvr	771	critical	Error	IP Music - initialization failure. Service shutting down.	Please disable the ToneSrvr by configuring your IP Music source as: Audio Jack. Contact Customer Support for further assistance.		Yes	No	No	No	No	No

	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
497	ToneSrvr	772	critical	Error	IP Music Error: IP Gateway - unable to open the FUMP channel. Service shutting down.	Please disable the ToneSrvr by configuring your IP Music source as: Audio Jack. Contact Customer Support for further assistance.		Yes	No	No	No	No	No
498	UPS	1000	warning	Information	*** PowerChute PLUS Version 5.2.1 stopped ***	None		No	Yes	No	No	No	No
499	UPS	1001	warning	Information	*** PowerChute PLUS Version 5.2.1 started ***	None		No	Yes	No	No	No	No
500	UPS	1002	warning	Information	Communication Established	None		Yes	No	No	Yes	Yes	Yes
501	UPS	1004	warning	Information	UPS self-test passed	None		Yes	No	No	No	No	No
502	UPS	1005	warning	Information	Administrative shutdown	Save files and shut down programs, or cancel the shutdown.		Yes	No	No	No	No	No
503	UPS	1006	warning	Information	Shutdown cancelled	None		Yes	No	No	No	No	No
504	UPS	1018	warning	Information	Smart Cell signal restored	None		Yes	No	No	No	No	No
505	UPS	1030	warning	Information	Minimum redundancy regained	none		Yes	No	No	No	No	No
506	UPS	1033	warning	Information	Battery added	None		Yes	No	No	No	No	No
507	UPS	1034	warning	Information	Battery removed	None, if sufficient battery power still exists to support the load. If battery removal causes another event of higher severity, re-insert or replace the battery immediately.		Yes	No	No	No	No	No
508	UPS	1040	warning	Information	Bypass contactor OK	None		Yes	No	No	No	No	No
509	UPS	1102	warning	Information	UPS internal temperature in bounds	None		Yes	No	No	No	No	No
510	UPS	1300	warning	Information	System Shutdown	None	Happens twice after a 1320 alarm during a UPS shutdown.	No	Yes	No	No	Yes	Yes
511	UPS	1320	warning	Information	System Shutdown started	Save files and shut down programs, or cancel the shutdown.	Happens twice before a 1300 alarm during a UPS shutdown.	No	Yes	No	No	Yes	Yes
512	UPS	2001	warning	Information	System shutdown Complete	For an administrative shutdown or a shutdown because of input power failure, wait for the UPS to reboot and to start the supported equipment. If you specified a shutdown without a reboot sequence, you must restart the UPS.		Yes	No	No	No	No	No
513	UPS	2030	minor	Warning	Minimum redundancy lost	The UPS has too great a load, or too few operational power modules to support the configured redundancy. Check that all modules are functioning properly and that the redundancy configuration is correct. If the condition persists, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
514	UPS	2036	critical	Error	System level fan failed	Check the fan for obstructions. If you cannot resolve the problem immediately , contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support		Yes	No	No	No	No	No
515	UPS	2037	critical	Error	Bypass contactor failed	An internal hardware failure exists. Contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support		Yes	No	No	No	No	No
516	UPS	1150	warning	Information	Normal power restored: UPS on line	None		Yes	No	No	Yes	Yes	Yes
517	UPS	100401	warning	Information	Scheduled UPS self-test passed	None		Yes	No	No	No	No	No
518	UPS	100402	warning	Information	User-initiated UPS self-test passed	None		Yes	No	No	No	No	No
519	UPS	1253	warning	Information	Self-test at UPS passed	None		Yes	No	No	No	No	No
520	UPS	100500	warning	Information	Administrative shutdown started	Save files and shut down programs, or cancel the shutdown.		Yes	No	No	No	No	No
521	UPS	100501	warning	Information	Administrative shutdown: User initiated	Save files and shut down programs, or cancel the shutdown.		Yes	No	No	No	No	No
522	UPS	100502	warning	Information	Administrative shutdown: Weekly shutdown	Save files and shut down programs, or cancel the shutdown.		Yes	No	No	No	No	No
523	UPS	100503	warning	Information	Administrative shutdown: Daily shutdown	Save files and shut down programs, or cancel the shutdown.		Yes	No	No	No	No	No
524	UPS	100601	warning	Information	User-initiated shutdown cancelled	None		Yes	No	No	No	No	No
525	UPS	100700	warning	Information	UPS returned from low battery condition	None		Yes	No	No	No	No	No
526	UPS	100900	warning	Information	UPS batteries no longer need replacing	None		Yes	No	No	No	No	No
527	UPS	101300	warning	Information	UPS overload condition solved	None		Yes	No	No	No	No	No
528	UPS	101400	warning	Information	UPS runtime calibration initiated	A runtime calibration deeply discharges UPS batteries. Avoid performing critical operations until battery recharges sufficiently to support the load in case a condition occurs that requires battery operation.		Yes	No	No	No	No	No
529	UPS	101500	warning	Information	UPS runtime calibration completed	None		Yes	No	No	No	No	No
530	UPS	101601	warning	Information	User-initiated shutdown started	Save files and shut down programs, or cancel the shutdown.		Yes	No	No	No	No	No
531	UPS	101700	warning	Information	UPS returned from bypass	None		Yes	No	No	No	No	No
532	UPS	103100	warning	Information	UPS module added	None		Yes	No	No	No	No	No
533	UPS	103200	warning	Information	UPS module removed	This is the first step in replacing a failed module. Continue with the replacement		Yes	No	No	No	No	No
534	UPS	103500	warning	Information	Main Intelligence module OK	None		Yes	No	No	No	No	No
535	UPS	103600	warning	Information	Main Intelligence module added	None		Yes	No	No	No	No	No
536	UPS	103700	warning	Information	Redundant intelligence module OK	None		Yes	No	No	No	No	No
537	UPS	103800	warning	Information	Redundant intelligence module added	None		Yes	No	No	No	No	No
538	UPS	110000	warning	Information	Ambient temperature back within thresholds	None		Yes	No	No	No	No	No
539	UPS	110100	warning	Information	Ambient humidity back within thresholds	None		Yes	No	No	No	No	No
540	UPS	200000	warning	Information	UPS on battery	This event can be caused by poor power quality (i.e. power fluctuation). (1) If input power is still present or becomes present again quickly, decrease the sensitivity of the UPS. (2) If the UPS has switched to battery operation because of complete loss of utility power, wait for power to be restored to the UPS. If the condition persists, contact an electrician to analyze your utility power. (3) If only the UPS has lost input power, check building wiring and circuit breakers.		Yes	No	No	Yes	No	No

	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
541	UPS	200001	minor	Warning	UPS on battery: High input line voltage	This event can be caused by poor power quality (i.e. power fluctuation). Decrease the sensitivity of the UPS. If the condition persists, contact an electrician to analyze your utility power.		Yes	No	No	No	No	No
542	UPS	200002	minor	Warning	UPS on battery: Brownout	This event can be caused by poor power quality (i.e. power fluctuation). Decrease the sensitivity of the UPS. If the condition persists, contact an electrician to analyze your utility power.		Yes	No	No	No	No	No
543	UPS	1162	minor	Warning	UPS on battery: Blackout	Restore power to the UPS. If there is not a general power failure (that is, if only the UPS has lost input power), check building wiring and circuit breakers. If the condition persists, contact an electrician to analyze your utility power.		Yes	No	No	No	Yes	Yes
544	UPS	200004	minor	Warning	UPS on battery: Small momentary sag	This event can be caused by poor power quality (i.e. power fluctuation). Decrease the sensitivity of the UPS. If the condition persists, contact an electrician to analyze your utility power.		Yes	No	No	No	No	No
545	UPS	200005	minor	Warning	UPS on battery: Small momentary spike	This event can be caused by poor power quality (i.e. power fluctuation). Decrease the sensitivity of the UPS. If the condition persists, contact an electrician to analyze your utility power.		Yes	No	No	No	No	No
546	UPS	1165	minor	Warning	UPS on battery: Deep momentary sag	This event can be caused by poor power quality (i.e. power fluctuation). Decrease the sensitivity of the UPS. If the condition persists, contact an electrician to analyze your utility power.		Yes	No	No	No	No	No
547	UPS	200007	minor	Warning	UPS on battery: Large momentary spike	This event can be caused by poor power quality (i.e. power fluctuation). Decrease the sensitivity of the UPS. If the condition persists, contact an electrician to analyze your utility power.		Yes	No	No	No	No	No
548	UPS	200008	minor	Warning	UPS on battery: Simulated power failure	Wait for this test to complete.		Yes	No	No	No	No	No
549	UPS	200200	warning	Information	UPS enabling SmartBoost	If this event occurs frequently, decrease the Low Transfer Voltage of your UPS. If the condition persists, contact an electrician to analyze your utility power.		Yes	No	No	No	No	No
550	UPS	200301	minor	Warning	Low battery condition	The UPS cannot continue to use its battery power to support its equipment load. The remaining runtime equals, or is less than, the runtime defined by its "Low Battery" setting. Consider upgrading to a UPS that provides more runtime. You can use the APC UPS Selector page to identify the UPS that best meets your system's requirements. http://www.apc.com/go/direct/index.cfm?tag=selectors		Yes	No	No	No	No	No
551	UPS	200400	warning	Information	UPS runtime calibration cancelled	None		Yes	No	No	No	No	No
552	UPS	200401	warning	Information	UPS runtime calibration cancelled by user	None		Yes	No	No	No	No	No
553	UPS	200402	warning	Information	UPS runtime calibration aborted by power failure	Retry the calibration when power is restored		Yes	No	No	No	No	No
554	UPS	200403	minor	Warning	UPS unable to perform runtime calibration: Capacity < 100 %	The UPS battery capacity is less than 100%, probably because of recent battery operation of the UPS. Wait for the batteries to recharge and then retry the runtime calibration.		Yes	No	No	No	No	No
555	UPS	200700	warning	Information	UPS enabling SmartTrim	If this event occurs frequently, increase the High Transfer Voltage of your UPS. If the condition persists, contact an electrician to analyze your utility power.		Yes	No	No	No	No	No
556	UPS	201301	warning	Information	UPS on bypass: user set via software or panel	The front panel or a software command was used to put the UPS into bypass mode, typically for maintenance. Since the UPS cannot support its load if a power failure occurs, return the UPS to online operation as soon as possible.		Yes	No	No	No	No	No
557	UPS	201302	warning	Information	UPS system is in maintenance bypass set by switch	The switch at the UPS was used to put the UPS into bypass mode, typically for maintenance. Since the UPS cannot support its load if a power failure occurs, return the UPS to on line operation as soon as possible.		Yes	No	No	No	No	No
558	UPS	203100	critical	Error	UPS module failed	Replace the failed module.		Yes	No	No	No	No	No
559	UPS	203200	minor	Warning	Main intelligence module removed	This is the first step in replacing a failed module. Continue with the replacement		Yes	No	No	No	No	No
560	UPS	203300	critical	Error	Main intelligence module failed	Replace the failed module.		Yes	No	No	No	No	No
561	UPS	203400	minor	Warning	Redundant intelligence module removed	This is the first step in replacing a failed module. Continue with the replacement		Yes	No	No	No	No	No
562	UPS	203500	minor	Warning	Redundant intelligence module failed	Replace the failed module.		Yes	No	No	No	No	No
563	UPS	203600	warning	Information	System level fan OK	none		Yes	No	No	No	No	No
564	UPS	203800	warning	Information	Input circuit breaker tripped	Reset the circuit breaker. If the problem persists, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support		Yes	No	No	No	No	No
565	UPS	203900	warning	Information	Input circuit breaker reset	None		Yes	No	No	No	No	No
566	UPS	300000	minor	Warning	Unable to communicate with UPS	Check cable connections, make sure UPS is on, and check network status. If the condition persists, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
567	UPS	300100	minor	Warning	UPS output overload	The UPS has sensed a load greater than 100 percent of its rated capacity. Remove some attached equipment from the UPS. If this condition happens occasionally and briefly, check for attached equipment that typically uses high power periodically (such as laser printers and photocopiers). If the condition persists, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
568	UPS	300200	minor	Warning	UPS self-test failed	Run another self-test. If the UPS fails the self-test again, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
569	UPS	300201	minor	Warning	Scheduled UPS self-test failed	Run an unscheduled self-test. If the UPS fails the second self-test contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
570	UPS	300202	minor	Warning	Scheduled UPS self-test failed: Invalid test	Run another self-test. If the UPS fails the self-test again, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
571	UPS	300204	minor	Warning	User-initiated self-test failed	Run another self-test. If the UPS fails the self-test again, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
572	UPS	300205	minor	Warning	Self-test at UPS failed	Run another self-test. If the UPS fails the self-test again, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
573	UPS	300206	minor	Warning	User-initiated self-test failed: Invalid test	Run another self-test. If the UPS fails the self-test again, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
574	UPS	300206	minor	Warning	Self-test at UPS failed: Invalid test	Run another self-test. If the UPS fails the self-test again, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
575	UPS	300300	minor	Warning	UPS battery is discharged	Wait for the UPS battery power to recharge.		Yes	No	No	No	No	No
576	UPS	300400	warning	Information	Communication lost while on battery	Prepare for possible abrupt shutdown with no warning. The UPS has switched to battery operation but communication with the UPS has been lost, making it impossible to determine how much runtime the UPS has available. Check network connections, and check input power source.		Yes	No	No	No	No	No
577	UPS	301000	minor	Warning	Check installation of Smart Cell signal cable	Check cable connections to batteries.		Yes	No	No	No	No	No
578	UPS	301300	minor	Warning	UPS internal temperature over limit	Make sure that there is adequate clearance around the UPS, and that the UPS ventilation ports are not blocked. Allowing the UPS to continue to operate in this condition can damage the UPS. If the condition persists, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
579	UPS	301301	minor	Warning	UPS battery charger failure	An internal hardware failure exists. Contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support		Yes	No	No	No	No	No
580	UPS	301302	minor	Warning	UPS on bypass: severe DC imbalance overload	An internal hardware failure exists. Contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support		Yes	No	No	No	No	No
581	UPS	301303	minor	Warning	UPS on bypass: output voltage outside limits	The UPS has switched automatically to bypass mode because its output voltage was too high. Contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
582	UPS	301304	critical	Error	UPS on bypass: top module fan needs repair	A hardware failure has caused the UPS to switch to bypass operation. Since the UPS cannot support its load if a power failure occurs, correct the failure as soon as possible. Contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support		Yes	No	No	No	No	No
583	UPS	301400	critical	Error	Base module fan needs repair	An internal hardware failure exists. Contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support		Yes	No	No	No	No	No
584	UPS	301500	critical	Error	Base module bypass power supply needs repair	An internal hardware failure exists. Contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support		Yes	No	No	No	No	No
585	UPS	301600	critical	Error	UPS battery needs replacing	Replace all faulty batteries. To order replacement batteries, see the following Web page. :http://www.apc.com/go/direct/index.cfm?tag=battery		Yes	No	No	Yes	No	No
586	UPS	310001	minor	Warning	Below lower ambient temperature threshold	Check heating and ventilation systems		Yes	No	No	No	No	No
587	UPS	310002	minor	Warning	Exceeded upper ambient temperature threshold	Check air conditioning systems and make sure equipment is adequately spaced for proper ventilation.		Yes	No	No	No	No	No

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2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
588	UPS	310101	minor	Warning	Below humidity threshold	Check air conditioning and humidity-control systems.		Yes	No	No	No	No	No
589	UPS	310102	minor	Warning	Exceeded upper humidity threshold	Check air conditioning and humidity-control systems.		Yes	No	No	No	No	No
590	UPS	310700	minor	Warning	Maximum internal UPS temperature exceeded	Make sure that there is adequate clearance around the UPS and that the UPS ventilation ports are not blocked. Allowing the UPS to continue to operate in this condition can damage the UPS. If the condition persists, contact APC Support for assistance. http://www.apc.com/go/direct/index.cfm?tag=support.		Yes	No	No	No	No	No
591	UTPS	2000	minor	Warning	DN xyz is experiencing incoming voice packet loss while on a call. It is receiving fewer voice packets than it is expecting.	If the message is persistent, the BCM is experiencing network routing difficulties. More quantitative information is available in the UTPS log.	xyz is the IP set's DN	No	No	Yes	Yes	Yes	Yes
592	UTPS	3000	critical	Error	<date><time> (UTPS:1.) *** MPSMI is OFF LINE.	If the voice watchdog service is NOT running, you will need to restart the UTPS service.	All UTPS events written to the NT event log are fatal, and will cause the UTPS to shutdown. The reasons for these events are either a missing dependent component (MPS or MSM), or an OS related problem (Unable to initialize a timer, socket, signaling channel to the core).	No	No	Yes	No	No	No
593	UTPS	3000	critical	Error	*** RUDPInit initialization failure; error …	If the voice watchdog service is NOT running, you will need to restart the UTPS service.	All UTPS events written to the NT event log are fatal, and will cause the UTPS to shutdown. The reasons for these events are either a missing dependent component (MPS or MSM), or an OS related problem (Unable to initialize a timer, socket, signaling channel to the core).	No	No	Yes	No	No	No
594	UTPS	3000	critical	Error	*** UTPS terminating due to problem with RUDP Rx socket; error …	If the voice watchdog service is NOT running, you will need to restart the UTPS service.	All UTPS events written to the NT event log are fatal, and will cause the UTPS to shutdown. The reasons for these events are either a missing dependent component (MPS or MSM), or an OS related problem (Unable to initialize a timer, socket, signaling channel to the core).	No	No	Yes	No	No	No
595	UTPS	3000	critical	Error	*** Unable to connect to the Media Services Manager; error …	If the voice watchdog service is NOT running, you will need to restart the UTPS service.	All UTPS events written to the NT event log are fatal, and will cause the UTPS to shutdown. The reasons for these events are either a missing dependent component (MPS or MSM), or an OS related problem (Unable to initialize a timer, socket, signaling channel to the core).	No	No	Yes	No	No	No
596	UTPS	3000	critical	Error	*** Unable to open a FUMP channel; error …	If the voice watchdog service is NOT running, you will need to restart the UTPS service.	All UTPS events written to the NT event log are fatal, and will cause the UTPS to shutdown. The reasons for these events are either a missing dependent component (MPS or MSM), or an OS related problem (Unable to initialize a timer, socket, signaling channel to the core).	No	No	Yes	No	No	No
597	UTPS	3000	critical	Error	*** Unable to open RUDP socket; error …	If the voice watchdog service is NOT running, you will need to restart the UTPS service.	All UTPS events written to the NT event log are fatal, and will cause the UTPS to shutdown. The reasons for these events are either a missing dependent component (MPS or MSM), or an OS related problem (Unable to initialize a timer, socket, signaling channel to the core).	No	No	Yes	No	No	No
598	UTPS	3000	critical	Error	*** Unable to get a timer from the OS.	If the voice watchdog service is NOT running, you will need to restart the UTPS service.	All UTPS events written to the NT event log are fatal, and will cause the UTPS to shutdown. The reasons for these events are either a missing dependent component (MPS or MSM), or an OS related problem (Unable to initialize a timer, socket, signaling channel to the core).	No	No	Yes	No	No	No
599	UTPS	3000	critical	Error	*** UTPS is being shut down.	If the voice watchdog service is NOT running, you will need to restart the UTPS service.	All UTPS events written to the NT event log are fatal, and will cause the UTPS to shutdown. The reasons for these events are either a missing dependent component (MPS or MSM), or an OS related problem (Unable to initialize a timer, socket, signaling channel to the core).	No	No	Yes	No	No	No
600	UTPS	3000	critical	Error	12:30:34.040 [UTPS:1.]***MSM has closed the pipe to the UTPS; shutting down.	Restart the BCM.		No	No	No	No	No	No
601	VBMain	0	critical	Error	VBMain error: %d, Exit code: %d	Send NT event log and stlog to development / ITAS. Manually restart service or reboot BCM	Logged if service failed to start. Error number is that returned by GetLastError().	No	No	No	No	No	No

	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
602	VNC Service	1	warning	Information	The description for Event ID (1) in Source (VNC service) could not be found. It contains the following insertion string(s): The VNC service was started from the Product Maintenance & Support website.	Most likely, this BCM has been accessed through VNC. Other than this information, no action is required.		No	No	No	No	No	No
603	VNetManager	301	warning	Information	Voice Net Manager started.	No action required.		No	No	No	No	No	No
604	VNetManager	304	warning	Information	Voice Net Manager stopped.	No action required.		No	No	No	No	No	No
605	VNetManager	306	minor	Warning	Failed to open configure or the entry is empty in : D:\Data Files\Nortel Networks\VoIP Gateway\remotegateway.cfg	Remote gateway table is empty. If BCM has VoIP keycodes and "Direct" routing mode, user should populate this table.		No	No	No	No	No	No
606	VNetQoSMonitor	203	warning	Information	Voice Net QoS Monitor started.	No action required.	N/A	No	No	No	No	No	No
607	VNetQoSMonitor	204	warning	Information	Voice Net QoS Monitor stopped.	No action required.	N/A	No	No	No	No	No	No
608	VNetQoSMonitor	205	warning	Information	Voice Net QoS Monitor flagged fallback.	No action required.	Indication. VoIP gw has taken action.	No	No	Yes	Yes	Yes	Yes
609	VNetQoSMonitor	206	warning	Information	Voice Net QoS Monitor exited fallback.	No action required.	Indication. VoIP gw has taken action.	No	No	Yes	Yes	Yes	Yes
610	VNetVoIPGtwy	100	minor	Information	Service H.323 VoIP Gateway Installed	No action required.		No	No	No	No	No	No
611	VNetVoIPGtwy	101	minor	Information	Service H.323 VoIP Gateway Removed	No action required.		No	No	No	No	No	No
612	VNetVoIPGtwy	102	warning	Information	Service H.323 VoIP Gateway started	No action required.		No	No	No	No	No	No
613	VNetVoIPGtwy	105	warning	Information	Service H.323 VoIP Gateway stopped	No action required.		No	No	No	No	No	No
614	VNetVoIPGtwy	110	minor	Error	Missing Registry Parameter	Report error to ITAS	Points to a build or upgrade error	No	No	No	No	No	No
615	VNetVoIPGtwy	113	critical	Error	Syntax error in configuration file 'D:\Data Files\Nortel Networks\VoIP Gateway\localgateway.cfg'	Check "Local Gateway IP interface" for correct information.		No	No	No	No	No	No
616	VNetVoIPGtwy	114	minor	Warning	Invalid Configuration file parameter	Check gateway type parameter in remotegateway.cfg table file		No	No	No	No	No	No
617	VNetVoIPGtwy	120	critical	Error	Cannot initializet H323 stack	Report error to ITAS	Windows or file system problem	No	No	No	No	No	No
618	VNetVoIPGtwy	122	critical	Error	Cannot read info from license server	Report error to ITAS	Maybe permissions problem. Refer to development team	No	No	No	No	No	No
619	VNetVoIPGtwy	123	minor	Warning	Keycode applied for unknown feature	Keycode applied for more recent feature than software knows of.	Confirm Keycode server operation	No	No	No	No	No	No
620	VNetVoIPGtwy	124	Minor	Error	Quality of Service monitor connection not established	Report error to ITAS	May be a Windows resources problem that could require a reboot	No	No	No	No	No	No
621	VNetVoIPGtwy	130	Minor	Warning	Call setup rejected because of insufficient QoS bandwidth	Confirm engineering traffic guidelines for network configuration	Only shows in Event Viewer no Trap	No	No	No	No	No	No
622	VNetVoIPGtwy	131	minor	Warning	Dropped connected call from DN X to DN Y. Incompatible codecs or insufficient media gateway resources	Change or make available the correct Codec to match the Codec supported by the software at the far end of the call.		No	No	Yes	Yes	Yes	Yes
623	VNetVoIPGtwy	200	major	Error	Generic System Error	A wide assortment of problems. See event text for details.	Report error to ITAS to inform designers	No	No	No	No	No	No
624	VNetVoIPGtwy	201	major	Warning	Generic System Warning	A wide assortment of problems. See event text for details.	Report error to ITAS to inform designers	No	No	No	No	No	No
625	VNetVoIPGtwy	202	Major	Warning	Registry import problems	Report error to ITAS	Problem with importing vngway.reg	No	No	No	No	No	No
626	VNetVoIPGtwy	203	Major	Warning	Registry import problems	Report error to ITAS	Problem with importing vngway.reg	No	No	No	No	No	No
627	VNetVoIPGtwy	204	Major	Warning	Registry import problems	Report error to ITAS	Problem with importing vngway.reg	No	No	No	No	No	No
628	Voice CTE	257	critical	Error	CTE / MSC Driver Initialization Error. Exit Error is 0x03nn.	Error 0x03nn. Please collect the files CteDiag.log and CteDiag.bak, ensure the Voice CTE service has restarted and report this problem to your support representative.	All CTE device driver errors have the hex base 0x0300. Driver errors which do not have specific messages are reported as "Error 0x03nn". This generic message is rare.	No	No	No	No	No	No
629	Voice CTE	257	critical	Error	CTE / MSC Driver Initialization Error. Exit Error is 0x0301	An invalid handle passed to the driver. Please collect the files CteDiag.log and CteDiag.bak, ensure the Voice CTE service has restarted and report this problem to your support representative. <UDR0015>	Internal unexpected error.	No	No	No	No	No	No
630	Voice CTE	257	critical	Error	CTE / MSC Driver Initialization Error. Exit Error is 0x0302	Device is not open. Please collect the files CteDiag.log and CteDiag.bak, ensure the Voice CTE service has restarted and report this problem to your support representative. <UDR0016>	Internal unexpected error.	No	No	No	No	No	No
631	Voice CTE	257	critical	Error	CTE / MSC Driver Initialization Error. Exit Error is 0x0306	Device is already open. Please collect the files CteDiag.log and CteDiag.bak, ensure the Voice CTE service has restarted and report this problem to your support representative. <UDR0017>	Internal unexpected error.	No	No	No	No	No	No
632	Voice CTE	257	critical	Error	CTE / MSC Driver Initialization Error. Exit Error is 0x0307	The requested CTI device cannot be used with this version of Windows. Please verify the installation of the Voice CTE service. <UDR0018>	Most likely an installation problem.	No	No	No	No	No	No
633	Voice CTE	257	critical	Error	CTE / MSC Driver Initialization Error. Exit Error is 0x0310	The device driver for the requested CTI device is not installed. Install the device driver and restart your application. <UDR001>	Most likely an installation problem.	No	No	No	No	No	No
634	Voice CTE	257	critical	Error	CTE / MSC Driver Initialization Error. Exit Error is 0x0311	The device driver interface module for the CTI device is invalid. Please reinstall the device driver software. <UDR002>	Most likely an installation problem.	No	No	No	No	No	No
635	Voice CTE	257	critical	Error	CTE / MSC Driver Initialization Error. Exit Error is 0x0315	Unable to start a new device driver execution thread. Terminate some applications and restart your application. <UDR006>	Windows system resource problem during initialization.	No	No	No	No	No	No
636	Voice CTE	257	critical	Error	CTE / MSC Driver Initialization Error. Exit Error is 0xFFnn	Error 0xFFnn. Please ensure the Voice CTE service has restarted. If this fails to correct the problem then please collect the files CteDiag.log and CteDiag.bak, ensure the Voice MSC service has restarted and report this problem to your support representative.	Error from MSC driver initialization.	No	No	No	No	No	No
637	Voice CTE	257	critical	Error	Other CTE Initialization Error. Exit Error is 0x0002	"Error 0x0002. Please verify the installation of the Voice CTE service."	Generic unexpected error. This error is only reported as an event when it causes CTE initialization to fail. In this case it is most likely an installation problem.	No	No	No	No	No	No

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
638	Voice CTE	257	critical	Error	Other CTE Initialization Error. Exit Error is 0x0003	"Error 0x003. Please collect the files CteDiag.log and CteDiag.bak, ensure the Voice CTE service has restarted and report this problem to your support representative."	Generic internal unexpected error. This error is only reported as an event when it causes CTE initialization to fail.	No	No	No	No	No	No
639	Voice CTE	257	critical	Error	Other CTE Initialization Error. Exit Error is 0x0009	Cannot create a window. Terminate some applications and restart the Voice CTE service. <CTE006>	CTE initialization failed due to Windows system problem.	No	No	No	No	No	No
640	Voice CTE	257	critical	Error	Other CTE Initialization Error. Exit Error is 0x00nn	CTE could not download FUMP Information about the telephony switch. Please collect the files CteDiag.log and CteDiag.bak, ensure the Voice CTE service has restarted and report this problem to your support representative. <CTE005>	CTE initialization failed because it could not download KSU identification fump. Applications are sent a CTE event with the failed ME_xxx return code.	No	No	No	No	No	No
641	Voice CTE	257	critical	Error	Other CTE Initialization Error. Exit Error is 0x0009 or 0c0055	A CTE application attempted to register with CTE before the Voice CTE service had fully initialized (error %ld). If the application is not behaving correctly, restart it after the Voice CTE service has started. <RTR001>	Missing service dependency or install problem: Either CTE service is not fully initialized and some application tried to register with CTE or CTE is not registered as a service and application registration failed to launch CTE.	No	No	No	No	No	No
642	Voice CTE	257	critical	Error	CTE Runtime Error . Exit Error is 0x0000	Your CTI device has been reset. All call processing has been disabled. Ensure the Voice MSC service has restarted. <CTE002>	MSC communication error (reset). CTE responds by sending it's apps a shutdown event with the reason CTE_SHUTDOWN_DEVICE_RESET, and then shutting down with no error.	No	No	Yes	No	No	No
643	Voice CTE	257	critical	Error	CTE Runtime Error. Exit Error is <No Error>	The CTE atom table is corrupt or full. Please collect the files CteDiag.log and CteDiag.bak, ensure the Voice CTE service has restarted and report this problem to your support representative. <CTE003>	CTE has run out of memory or it's internal memory structure is corrupt. CTE continues to run. Applications receive the CTE response ME_NO_HEAP_MEMORY until some memory is freed or CTE is restarted.	No	No	Yes	No	No	No
644	Voice Software	11	critical	Error	All lines were disconnected. Power down the system and check all line connections on the system.	Power down the system and check all line connections on the system.	MSCid=254, Sev=P9, Cat=C	Yes	No	No	No	No	No
645	Voice Software	18	minor	Warning	DSP message queue (messages to be sent to DSP firmware) is full. Message not sent may cause application to timeout waiting for resource. Users may experience call failures.	Customer should report event to installer to get tracebacks.	MSCid=254, Sev=P6, Cat=B	Yes	No	No	No	No	No
646	Voice Software	20	critical	Error	Wireless re-evaluation required. Initiate data re-evaluation	Re-Evaluation should be initiated by the system administrator.	MSCid=665, Sev=P8, Cat=F	No	No	Yes	No	No	No
647	Voice Software	21	warning	Information	Wireless re-evaluation in progress.	No action required. This ALARM only alerts the system administrator/installer that mobility data re-evaluation has started.	MSCid=878, Sev=?, Cat=E	No	No	No	No	No	No
648	Voice Software	22	warning	Information	Wireless re-evaluation completed.	No action required. This aALARM only alerts the system administrator/installer that mobility data re-evaluation has finished.	MSCid=879, Sev=?, Cat=E	No	No	No	No	No	No
649	Voice Software	23	critical	Error	Configured cell %1 failed to come on-line.	Determine which basestations belong to the failed cell. Replace the basestations and invoke a data re-evaluation, or warm start the system.	MSCid=881, Sev=?, Cat=F	No	No	No	No	No	No
650	Voice Software	24	critical	Error	Ettiquette: There is insufficient data to capture an RSSI signature.	Run a re-evaluation with a suitable configuration that will provide an adequate RSSI signature.	MSCid=664, Sev=P9, Cat=F	No	No	No	No	No	No
651	Voice Software	31	critical	Error	The download of firmware to DTCM %1 has failed.	Check the logs for occurrences of Event 338. Record the message registered in the log and contact your local support group. Power down the system and check the DTCM hardware and the link to the system.	MSCid=339, Sev=P6, Cat=F	No	No	Yes	No	No	No
652	Voice Software	32	critical	Error	A BRI has been selected as the primary clock source rather than a DTCM.	The slot containing the DTCM must be configured as the primary clock source.	MSCid=351, Sev=P6, Cat=F	No	No	No	No	No	No
653	Voice Software	33	critical	Error	A cold start has occurred causing loss of system data.	Record the message registered in the log and contact your local support group.	MSCid=902, Sev=P8, Cat=F	No	No	Yes	No	No	No
654	Voice Software	34	warning	Information	Device firmware download started. This event may occur more than once per device type.	No action required.	MSCid=355,Sev=P7,Cat=E	Mod	No	No	No	No	No
655	Voice Software	35	critical	Error	Device firmware download failure. Reported by the data transfer server. Event parameters: %1. The device has not been brought on-line by the system.	Check that the device is properly installed and reset the device. Try replacing device. If the problem persists, contact you local support group.	MSCid=356, Sev=P6, Cat=F	Mod	No	No	No	No	No
656	Voice Software	36	critical	Error	Device firmware download failure. Reported by the data transfer slave. Event parameters: %1. The device has not been brought on-line by the system.	Check that the device is properly installed and reset the device. If the problem persists, replace the device.	MSCid=358, Sev=P6, Cat=F	Mod	No	No	No	No	No
657	Voice Software	37	critical	Error	Protocol or country profile download failure. Event parameters: %1.	Check that the device is properly installed and reset the device.	MSCid=361, Sev=P6, Cat=F	Mod	No	No	No	No	No
658	Voice Software	39	critical	Error	The Market Profile is invalid. The installer must select the appropriate profile.	The installer must select the appropriate profile.	MSCid=350, Sev=P9, Cat=F	Yes	No	No	No	No	No
659	Voice Software	40	critical	Error	The long term alarm threshold has been surpassed in DTCM %1 for the Unavailable Seconds Error. The most likely cause is an irregularity with the PSTN connections. The cable connecting the DTCM to the network termination point or external CSU has been disconnected, or there is a problem with the signal from the network.	Check the logs and look for Events ranging from 315-336. If this alarm occurs more than once over a two-week period, contact your local support group.	MSCid=315, Sev=P8, Cat=F	No	No	Yes	Yes	Yes	Yes
660	Voice Software	41	critical	Error	The long term alarm threshold has been surpassed in DTCM %1 for the detection of Loss of Signal. The most likely cause is an irregularity with the PSTN connections. The cable connecting the DTCM to the network termination point or external CSU has been disconnected, or there is a problem with the signal from the network.	Check the logs and look for Events ranging from 315-336. If this alarm occurs more than once over a two-week period, contact your local support group.	MSCid=316, Sev=P8, Cat=F	No	No	Yes	Yes	Yes	Yes
661	Voice Software	42	critical	Error	The long term alarm threshold has been surpassed in DTCM %1 for the detection of Loss of Frame. The most likely cause is an irregularity with the PSTN connections. The cable connecting the DTCM to the network termination point or external CSU has been disconnected, or there is a problem with the signal from the network.	Check the logs and look for Events ranging from 315-336. If this alarm occurs more than once over a two-week period, contact your local support group.	MSCid=317, Sev=P8, Cat=F	No	No	Yes	Yes	Yes	Yes

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
662	Voice Software	43	critical	Error	The long term alarm threshold has been surpassed in DTCM %1 for the detection of Alarm Indication Signal. The most likely cause is an irregularity with the PSTN connections. The cable connecting the DTCM to the network termination point or external CSU has been disconnected, or there is a problem with the signal from the network.	Check the logs and look for Events ranging from 315-336. If this alarm occurs more than once over a two-week period, contact your local support group.	MSCid=318, Sev=8, Cat=F	No	No	Yes	Yes	Yes	Yes
663	Voice Software	44	critical	Error	The long term alarm threshold has been surpassed in DTCM %1 for the detection of Remote Alarm Indication. The most likely cause is an irregularity with the PSTN connections. The cable connecting the DTCM to the network termination point or external CSU has been disconnected, or there is a problem with the signal from the network.	Check the logs and look for Events ranging from 315-336. If this alarm occurs more than once over a two-week period, contact your local support group.	MSCid=319, Sev=P8, Cat=F	No	No	Yes	Yes	Yes	Yes
664	Voice Software	45	critical	Error	The long term alarm threshold has been surpassed in DTCM %1 for the detection of Loss of Signal on time-slot 16. The most likely cause is an irregularity with the PSTN connections. The cable connecting the DTCM to the network termination point or external CSU has been disconnected, or there is a problem with the signal from the network.	Check the logs and look for Events ranging from 315-336. If this alarm occurs more than once over a two-week period, contact your local support group.	MSCid=320, Sev=P8, Cat=F	No	No	Yes	No	No	No
665	Voice Software	46	critical	Error	The long term alarm threshold has been surpassed in DTCM %1 for the detection of Alarm Indication Signal on time-slot 16. The most likely cause is an irregularity with the PSTN connections. The cable connecting the DTCM to the network termination point or external CSU has been disconnected, or there is a problem with the signal from the network.	Check the logs and look for Events ranging from 315-336. If this alarm occurs more than once over a two-week period, contact your local support group.	MSCid=321, Sev=P8, Cat=F	No	No	Yes	No	No	No
666	Voice Software	47	critical	Error	The long term alarm threshold has been surpassed in DTCM %1 for the detection of Remote Alarm Indication on time-slot 16. The most likely cause is an irregularity with the PSTN connections. The cable connecting the DTCM to the network termination point or external CSU has been disconnected, or there is a problem with the signal from the network.	Check the logs and look for Events ranging from 315-336. If this alarm occurs more than once over a two-week period, contact your local support group.	MSCid=322, Sev=P8, Cat=F	No	No	Yes	No	No	No
667	Voice Software	50	critical	Error	A Digital Station Computer Module on bus %1 has been disconnected or powered down.	Power down the system and check all connections to the module. If the problem persists, replace the module.	MSCid=250, Sev=P9, Cat=C. On system boot-up the BCM waits 3 minutes before reporting alarm 50/51 to give the modules time to boot up. On a running system the BCM requires a module to be lost for at least 2 minutes before reporting alarm 50/51.	No	No	Yes	Yes	Yes	Yes
668	Voice Software	51	critical	Error	A Digital Trunk Computer Module or Called ID Computer Module on bus %1 has been disconnected or powered down.	Power down the system and check all connections to the module. If the problem persists, replace the module.	MSCid=251, Sev=P9, Cat=C. On system boot-up the BCM waits 3 minutes before reporting alarm 50/51 to give the modules time to boot up. On a running system the BCM requires a module to be lost for at least 2 minutes before reporting alarm 50/51.	No	No	Yes	Yes	Yes	Yes
669	Voice Software	52	critical	Error	A Trunk Computer Module has been disconnected. Event parameters: %1 (Module - Card).	Power down the system and check all connections to the module. Check that the module is properly seated. If the problem persists, replace the module.	MSCid=252, Sev=P9, Cat=C This only applies to trunk MBM's that share a DS30 bus. So CTM and BRI MBM's can generate this. To reproduce this bring 2 CTM's or BRI MBM's on a single DS30 and disconnect 1 of the MBM's.On a running system the BCM requires a module to be lost for at least 2 minutes before reporting alarm 50/51./52	No	No	Yes	Yes	Yes	Yes
670	Voice Software	53	critical	Error	Radio %1 has been removed from service due to an error. An accompanying Event message will indicate an explicit reason for the radio failure.	Perform diagnostics on the basestation.	MSCid=300, Sev=P6, Cat=C	No	No	No	No	No	No
671	Voice Software	54	warning	Information	A software download to the basestations has started. No action required. During basestation download, system performance may be sluggish, and wireless functionality will not be complete.	Wait for Event 55.		No	No	No	No	No	No
672	Voice Software	55	warning	Information	All downloads are complete.	No action required.		No	No	No	No	No	No
673	Voice Software	59	warning	Information	No more credits available for portables or sets. More credits must be acquired before all the registered portables or installed sets can be activated. Parameters: %1 (0=Portable credit required, 1=Set credit required)	Acquire more portable credits	MSCid=275, Sev=P9, Cat=F	No	No	No	No	No	No
674	Voice Software	61	critical	Error	Incompatible Trunk Computer Module. A Trunk Computer Module cannot operate with the trunk Type assigned to it in Configuration. Event parameters: %1 (Module - Card). Check that the trunk Type programmed matches the module.	Check that the trunk Type programmed matches the module.	MSCid=255, Sev=P9, Cat=F	No	No	No	No	No	No
675	Voice Software	62	critical	Error	Invalid Auto Answer Setting. What this means is that a line has been set to auto answer but the type of trunk is not suitable for auto answer. Event parameters: %1 (Module - Card). Change the trunk programming to manual answer.	Change the trunk programming to manual answer.	MSCid=256, Sev=P9, Cat=F	Yes	No	No	No	No	No
676	Voice Software	63	critical	Error	There are no more DTMF receivers that can be allocated. DTMF receivers are busy, not working properly, or have not been installed. The line requesting a receiver is on port %1.	If this alarm occurs frequently, add additional DTMF receivers to the system.	MSCid=267, Sev=P8, Cat=F	No	No	Yes	Yes	Yes	Yes
677	Voice Software	67	critical	Error	An invalid Trunk Computer Module has been connected to port %1.	Power down the system. Disconnect the Trunk Computer Module from the indicated port and check module compatibility for the specific country. Replace the module with as required	MSCid=343, Sev=P8, Cat=f	No	No	No	No	No	No
678	Voice Software	68	critical	Error	A device has been connected to a port which is not available for the device Type. The affected port is %1.	Power down the system and disconnect the device from the port identified. Reconnect it to a valid port.	MSCid=863, Sev=P4, Cat=F	No	No	No	No	No	No
679	Voice Software	69	critical	Error	Software registrar error. Error Type: %1.	Contact your local support group and get Event tracebacks. Replace the Feature Cartridge with the most recent version.	MSCid=185, Sev=P9, Cat=F	No	No	Yes	No	No	No

	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
680	Voice Software	71	warning	Information	A log Event has activated the emergency transfer relay.	No action required. The alarm was generated by a power failure.		No	No	No	No	No	No
681	Voice Software	72	critical	Error	TEI request error for ISDN emulator. Event parameters: %1.	Withdraw the last request for a TEI.	MSCid=352, Sev=P1, Cat=D	No	No	No	No	No	No
682	Voice Software	75	critical	Error	Clock control is in free run. This could indicate a problem with the cable connection, or with the signal from the network.	Check the cable connnection or the signal from the network	MSCid=447, Sev=P1, Cat=D	No	No	No	Yes	Yes	Yes
683	Voice Software	77	critical	Error	NVRAM Corruption. Re-program the data for Call-by-Call Services.	Re-program the data for Call-by-Call Services.	MSCid=458, Sev=P4, Cat=A	No	No	Yes	No	No	No
684	Voice Software	79	critical	Error	Analog Station Computer Module firmware download failure. Event parameters: %1. The ASCM will not be brought on-line by the system.	Perform diagnostics on the ASCM.	MSCid=369, Sev=P6, Cat=F	No	No	No	No	No	No
685	Voice Software	80	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
686	Voice Software	81	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
687	Voice Software	82	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
688	Voice Software	83	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.	MSCid=990, Sev=P5, Cat=F	No	No	No	No	No	No
689	Voice Software	84	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
690	Voice Software	85	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
691	Voice Software	86	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
692	Voice Software	87	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
693	Voice Software	88	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
694	Voice Software	89	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
695	Voice Software	90	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
696	Voice Software	91	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
697	Voice Software	92	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
698	Voice Software	93	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
699	Voice Software	94	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
700	Voice Software	95	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
701	Voice Software	96	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
702	Voice Software	97	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
703	Voice Software	98	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
704	Voice Software	99	critical	Error	An alarm generated by a server application.	Refer to application documentation for appropriate action.		No	No	No	No	No	No
705	Voice Software	102	warning	Information	Two modules have been configured to use the same DS30 but cannot co-exist at the configured offsets.	Correct the DS30 assignments using the dip-switches on the modules.	MSCid=376, Sev=P7, Cat=F	Yes	No	No	No	No	No
706	Voice Software	103	warning	Information	The trial period for a feature has expired. Feature Parameter: %1 (00=Hunt Groups, 01=Hospitality Services, 02=DPNSS Networking, 03=MCDN Networking, 04=Q.Sig Networking). The permanent software key may be purchased to allow continued use of this feature.	Purchase permanent licenses	MSCid=465, Sev=P8, Cat=F	No	No	No	No	No	No
707	Voice Software	194	critical	Error	The Call Server Operating System software has returned an error code. A restart will occur. Record the traceback and event parameters and report the error.	Record the traceback and event parameters and report the error.		Yes	No	No	No	No	No
708	Voice Software	200	critical	Error	Ettiquete: insufficient CFP credits.	Purchase additional Portable licenses	MSCid=665, Sev=P8, Cat=F	No	No	No	No	No	No
709	Voice Software	201	warning	Information	Ettiquete: CFP credits decreased.	No action required.	MSCid=666, Sev=P8, Cat=E	No	No	No	No	No	No
710	Voice Software	202	warning	Information	Ettiquete: UTAM keys required.	Purchase a UTAM key	MSCid=667, Sev=P8, Cat=F	No	No	No	No	No	No
711	Voice Software	203	critical	Error	Ettiquete: UTAM test failed.	No action required.	MSCid=668, Sev=P8, Cat=F	No	No	No	No	No	No
712	Voice Software	204	warning	Information	Ettiquete: Re-eval override done.	No action required.	MSCid=669, Sev=P8, Cat=E	No	No	No	No	No	No
713	Voice Software	205	warning	Information	Ettiquete: Disablement test active.	No action required.	MSCid=670, Sev=P8, Cat=E	No	No	No	No	No	No
714	Voice Software	206	warning	Information	Ettiquete: Disablement test done. No action required.	No action required.	MSCid=671, Sev=P8, Cat=E	No	No	No	No	No	No
715	Voice Software	207	warning	Information	Ettiquete: System startup. No action required.	No action required.	MSCid=672, Sev=P1, Cat=E	No	No	No	No	No	No
716	Voice Software	208	warning	Information	Ettiquete: System online. No action required.	No action required.	MSCid=673, Sev=P8, Cat=E	No	No	No	No	No	No
717	Voice Software	209	warning	Information	Ettiquete: Demo system. No action required.	No action required.	MSCid=675, Sev=P8, Cat=E	No	No	No	No	No	No
718	Voice Software	224	critical	Error	Could not re-enable all devices after a Call Server restore took place. Call Server will be restarted. Customer should report event to installer to get tracebacks.	Customer should report event to installer to get tracebacks.	MSCid=224, Sev=P8, Cat=B	Yes	No	No	No	No	No
719	Voice Software	226	minor	Warning	Call Server backup failed. Customer should contact installer to get the SP event tracabecks.	Customer should contact installer to get the SP event tracabecks.	MSCid=226, Sev=P8, Cat=A	Yes	No	No	No	No	No
720	Voice Software	229	critical	Error	Call Server restore failed. Call Server will be restarted. Customer should contact installer to tracebecks.	Customer should contact installer to tracebacks.	MSCid=229, Sev=P8, Cat=B	Yes	No	No	No	No	No
721	Voice Software	247	critical	Error	An invalid event was received on a TCM channel. Check that all devices on the system are supported and that the wiring to the devices is correct.	Check that all devices on the system are supported and that the wiring to the devices is correct.	MSCid=247, Sev=P8, Cat=B	No	Yes	No	No	No	No
722	Voice Software	260	minor	Warning	No battery feed. When the system is booted a check is made to determine if lines are physically attached to the line ports. This is done by performing a line presence test. If this test fails then it indicates that a line is not attached. Line taken out of service. If no line is attached to the port attach a line. Port = %1. If a line is attached then determine if the line is operational.	If no line is attached to the port, attach a line. If a line is attached, then determine if the line is operational.	MSCid=260, Sev=P8, Cat=C	Yes	No	No	No	No	No

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
723	Voice Software	262	minor	Warning	No dialtone. When a line is seized a test is made to determine if dial tone is present. If this test fails this event is raised. Port = %1. Check the physical trunk line to see if it operating correctly.	Check the physical trunk line to see if it operating correctly.	MSCid=262, Sev=P7, Cat=C	Yes	No	No	No	No	No
724	Voice Software	263	minor	Warning	Invalid disconnect sequence. The handshake which occurs between the analog trunk and the network when a line is released was not properly completed. The analog turnk is unusable until the disconnect completes. Port = %1. Check the trunk interface with the network to determine if it operating correctly.	Check the trunk interface with the network to determine if it operating correctly.	MSCid=263, Sev=P8, Cat=C	Yes	No	No	No	No	No
725	Voice Software	265	minor	Warning	When seizing a trunk to make an outgoing call a handshake must occu between the Call Server trunk and the network before digits can be dialled. This event indicates that this handshake failed since the network did not acknowledge the Call Server request to seize the line. The trunk is unusable until the handshake is properly completed. Port = %1. Check the trunk interface with the network to determine if it operating correctly.	Check the trunk interface with the network to determine if it operating correctly.	MSCid=265, Sev=P7, Cat=C	Yes	No	No	No	No	No
726	Voice Software	270	minor	Warning	Invalid Message. The Call Server is dealing with a multi byte message that it does not understand while trying to initialize a set. TN = %1. If th event occurs many times, unplug the set, wait for 3 minutes, then replu the set. May be caused by a noisy line.	If the event occurs many times, unplug the set, wait for 3 minutes, then replug the set.	MSCid=270, Sev=P8, Cat=A	Yes	No	No	No	No	No
727	Voice Software	271	minor	Warning	A set has firmware that is incompatible with the current Call Server loa Customer should contact installer to change Call Server load or the se	Customer should contact installer to change Call Server load or the set.	MSCid=271, Sev=P8, Cat=A	Yes	No	No	No	No	No
728	Voice Software	323	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of a degraded minute. The module is in a no-new-calls state. DTCM = %1 Intervention is required to find out why the	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=323, Sev=P5, Cat=C	No	No	No	No	Yes	Yes
729	Voice Software	324	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of a severely errored second. The module is in a no-new-calls state. DTCM = %1. Intervention is required to find out why the Digital Trunk Interface module is alarmed.	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=324, Sev=P5, Cat=C	Yes	No	No	No	No	No
730	Voice Software	325	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of a errored second. The module is in a no-new-calls state. DTCM = %1. Intervention is required to find out why the	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=325, Sev=P5, Cat=C	No	No	No	No	Yes	Yes
731	Voice Software	326	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of controlled slip underflow. The module is in a no-new-calls state. DTCM = %1. Intervention is required to find out why the Digital Trunk Interface module is alarmed.	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=326, Sev=P5, Cat=C	Yes	No	No	No	No	No
732	Voice Software	327	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of controlled slip overflow. The module is in a no-new-calls state. DTCM = %1. Intervention is required to find out .	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=327, Sev=P5, Cat=C	No	No	No	No	Yes	Yes
733	Voice Software	328	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of a line code violation. The module is in a no-new-calls state. DTCM = %1 Intervention is required to find out why the Digital Trunk Interface module is alarmed.	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=328, Sev=P5, Cat=C	Yes	No	No	Yes	Yes	Yes
734	Voice Software	329	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of los of signal. The module is in a no-new-calls state. DTCM = %1. Intervention is required to find out why the Digital Trunk Interface module is alarmed.	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=329, Sev=P5, Cat=C	Yes	No	No	Yes	Yes	Yes
735	Voice Software	330	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of los of frame. The module is in a no-new-calls state. DTCM = %1. Intervention is required to find out why the Digital Trunk Interface module is alarmed.	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=330, Sev=P5, Cat=C	Yes	No	No	Yes	Yes	Yes
736	Voice Software	331	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of alarm indication signal. The module is in a no-new-calls state. DTCM %1. Intervention is required to find out why the Digital Trunk Interface module is alarmed.	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=331, Sev=P5, Cat=C	Yes	No	No	Yes	Yes	Yes
737	Voice Software	332	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of remote alarm indication. The module is in a no-new-calls state. DTCM %1. Intervention is required to find out why the Digital Trunk Interface module is alarmed.	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=332, Sev=P5, Cat=C	Yes	No	No	Yes	Yes	Yes
738	Voice Software	333	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of los of frame in timeslot 16. The module is in a no-new-calls state. DTCM = %1. Intervention is required to find out why the Digital Trunk Interface module is alarmed.	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=333, Sev=P5, Cat=C	Yes	No	No	No	No	No
739	Voice Software	334	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of alarm indication signal in time slot 16. The module is in a no-new-calls state. DTCM = %1. Intervention is required to find out why the Digital Trunk Interface module is alarmed.	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=334, Sev=P5, Cat=C	Yes	No	No	No	No	No

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
740	Voice Software	335	minor	Warning	This event is generated when the short-term alarm threshold has been surpassed in the Digital Trunk Interface module for the detection of remote alarm indication in time slot 16. The module is in a no-new-calls state. DTCM = %1. Intervention is required to find out why the Digital Trunk Interface module is alarmed.	Intervention is required to find out why the Digital Trunk Interface module is alarmed.	MSCid=335, Sev=P5, Cat=C	Yes	No	No	No	No	No
741	Voice Software	367	minor	Warning	A reset has occurred in the Basic Rate Interface or Digital Trunk Interface module. This event should only occur when the system first boots.	Obtain the traceback for the module that reset.	MSCid=367, Sev=P5, Cat=B	Yes	No	No	No	No	No
742	Voice Software	400	warning	Information	A warm start has been done. No action required.	No action required.	MSCid=400, Sev=P9, Cat=E	Yes	No	No	No	No	No
743	Voice Software	401	minor	Warning	A search of the terminal address table failed to find a TN that matched the TN of the device that is initializing and requesting its LAD. The device will fail to initialize. This is a software error that can occur on initialization of any TCM peripheral. Report the problem and the software version.	Report the problem and the software version.	MSCid=401, Sev=P4, Cat=B	Yes	No	No	No	No	No
744	Voice Software	608	minor	Warning	Attempt to attach a device type to a port that is not supported in the software. The device will not initialize nor be operational. Verify that all types of attached peripherals initialize and function. Remove any unsupported device types.	Verify that all types of attached peripherals initialize and function. Remove any unsupported device types.	MSCid=608, Sev=P6, Cat=F	Yes	No	No	No	No	No
745	Voice Software	617	minor	Warning	Cannot acquire a session. This happens only on Companion devices. Contact the installer to get the traceback data.	Contact the installer to get the traceback data.	MSCid=617, Sev=P4, Cat=A	Yes	No	No	No	No	No
746	Voice Software	639	minor	Warning	A bad message has been received by a CAP while getting key information. Contact the installer to get the event traceback data.	Contact the installer to get the event traceback data.	MSCid=639, Sev=P4, Cat=A	Yes	No	No	No	No	No
747	Voice Software	799	minor	Warning	A call processing error has occured on an ISDN line. No action required.	No action required.	MSCid=799, Sev=P7, Cat=B	Yes	No	No	No	No	No
748	Voice Software	894	minor	Warning	An attempt was made to enqueue a message into the DASS2/DPNSS layer 3 flow control queue, but the queue was full. The message has been dropped, and will not be sent out to the network. This can arise if the link has gone down but the Digital Trunk Interface module has failed to report it. Port = %1. Customer should report the problem. Installer should verify that the link is operational and the module is still functioning.	Customer should report the problem. Installer should verify that the link is operational and the module is still functioning.	MSCid=894, Sev=P4, Cat=C	Yes	No	No	No	No	No
749	Voice Software	901	critical	Error	Part or all of the telephony system memory has been corrupted. A coldstart of the telephony subsystem will occur. This problem should be reported. All telephony data will need to be reprogrammed.	Report the problem. All telephony data will need to be reprogrammed.	MSCid=901, Sev=P8, Cat=F	Yes	No	No	No	No	No
750	Voice Software	949	minor	Warning	A bad protocol call control has been received from the Basic Rate Interface module. Determine reason for event and resolve.	Determine reason for event and resolve.	MSCid=949, Sev=P6, Cat=B	Yes	No	No	No	No	No
751	Voice Software	997	warning	Information	Telephony time discrepancy with the System time has been noted. No action is required.	No action is required.	MSCid=997, Sev=P1, Cat=B	Yes	No	No	No	No	No
752	Voice Software	998	warning	Information	Telephony time has been synchronized with the System time.	No action required.	MSCid=998, Sev=P4, Cat=B	No	No	No	No	No	No
753	Voice Software	999	warning	Information	Unknown alarm detected. Alarm code: %1.	Contact your local support group.	MSCid=999, Sev=P7, Cat=B	No	No	No	No	No	No
754	VoiceCTI	257	critical	Error	Less than 5% voice file space avail.	to delete voice messages (especially check the General Delivery Mailbox).	Disk full (data partition) condition.	No	No	Yes	Yes	Yes	Yes
755	VoiceCTI	257	critical	Error	All CallPilot ports busy, change resource allocation.	All voice ports in use. Enable additional voice ports to avoid this situation.		No	No	No	Yes	Yes	Yes
756	VoiceCTI	258	minor	Warning	Restart BCM, so that change in Call Center refresher channel will take effect.	Restart VoiceMail to have the new Refresher Channel value in effect		No	No	No	No	No	No
757	VoiceCTI	258	minor	Warning	SetPortCapability voice failed - no resource	Voice ports need to be allocated for the media services card so that voice mail will function.		No	No	No	No	No	No
758	VoiceCTI	258	warning	Information	SetServiceStatus PENDING	No action required.	This event Is NOT passed via the mbLogMessage API	No	No	No	No	No	No
759	VoiceCTI	258	warning	Information	SetServiceStatus RUNNING	No action required.	This event Is NOT passed via the mbLogMessage API	No	No	No	No	No	No
760	VoiceCTI	258	warning	Information	SetServiceStatus STOPPED	No action required.	This event Is NOT passed via the mbLogMessage API	No	No	No	No	No	No
761	VoiceCTI	259	critical	Error	Voice Mail may not have started. You may have to restart the system If problem persists, contact your service representative. These are 259, even though they are errors.	StartServiceCtrlDispatcher failed	This event Is NOT passed via the mbLogMessage API	No	No	Yes	No	No	No
762	VoiceCTI	259	critical	Error	A call to SetServiceStatus failed. If Voice Mail has started normally, then no action is required. However Voice Mail may not have started. You may have to restart the system If problem persists, contact your service representative. These are 259, even though they are errors.	SetServiceStatus	This event Is NOT passed via the mbLogMessage API	No	No	No	No	No	No
763	VoiceCTI	259	warning	Information	Current number of mbxes is greater than keycoded limit	If the number of mailboxes initialized is greater than the number of mailboxes enabled by keycode when a user attempts to login via unified messaging or the telset this event will be generated. To resolve apply a mailbox expansion keycode to ensure the number of keycoded mailboxes is sufficient to enable all initialized mailboxes.	This typically occurs immediately after a restore to a new system where keycodes have not yet been applied.	No	No	No	No	No	No
764	VoiceCTI	259	warning	Information	AA/CCR calls cannot be parked since park prefix is set to None.	To resolve please configure the park prefix from Unified Manager.		Yes	No	No	No	No	No
765	VoiceCTI	259	warning	Information	Voice Mail is operational	No action required.		No	No	No	No	No	No
766	VoiceManagementSubsystem	1	warning	Information	Voice Management Subsystem Service started.	No action required.		No	No	No	No	No	No
767	VoiceManagementSubsystem	2	warning	Information	Voice Management Subsystem Service stopped.	No action required.		No	No	Yes	No	No	No
768	VoiceManagementSubsystem	100	minor	Warning	The 'Restore' of the 'System programming' option has FAILED (Reason: internal error.)	No action required.		No	No	No	No	No	No
769	VoiceManagementSubsystem	100	minor	Warning	The 'Restore' of the 'System programming' option has FAILED (Reason: open session rejected - auto admin re-eval is occurring, wireless.)	No action required.		No	No	No	No	No	No
770	VoiceMSCService	257	critical	Error	!* DN length length change detected	This is an event which indicates an MSC reset due to an administered change to the internal dialling plan length (number of digits). There is no action required.	shutting down ...	No	No	No	No	No	No
771	VoiceMSCService	257	critical	Error	!* StartD1Channels: we were told to shutdown the KSU	This no longer applies to BCM 3.0. Earlier it was a log indicating that the MSC was being put into upload mode. There is no action required.	exiting	No	No	No	No	No	No

	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
772	VoiceRecord	100	warning	Information	Successfully created the VoiceRecord WinNt service.	No action required.	Can Never Occur on BCM during normal operation	No	No	No	No	No	No
773	VoiceRecord	101	warning	Information	Successfully deleted the VoiceRecord WinNt service. The VoiceRecord service was removed.	No action required.	Can Never Occur on BCM during normal operation	No	No	Yes	No	No	No
774	VoiceRecord	102	critical	Error	Failed to delete the VoiceRecord WinNt service.The VoiceRecord service could not be removed.	No action required.	Can Never Occur on BCM during normal operation	No	No	No	No	No	No
775	VoiceRecord	103	critical	Error	Init fails. Unexpected WinNt Services initialization error. The control handler could not be installed.	No action required.		No	No	No	No	No	No
776	VoiceRecord	104	critical	Error	Init fails. Unexpected WinNt Services initialization error. The control handler could not be installed.	No action required.		No	No	No	No	No	No
777	VoiceRecord	105	warning	Information	The service was started.	No action required.		No	No	No	No	No	No
778	VoiceRecord	106	critical	Error	Unexpected services request generated internally or by WinNt Service Execution continues. The service received an unsupported request.	No action required.	Can Never Occur on BCM during normal operation	No	No	Yes	No	No	No
779	VoiceRecord	108	warning	Information	The service was stopped.	No action required.		No	No	No	No	No	No
780	VoiceTimeSynch	1001	warning	Information	Starting up NTP service version 3.0, server	No action required.		No	No	No	No	No	No
781	VoiceTimeSynch	1001	warning	Information	No Time Adjustment : "Seconds" seconds > max of "Seconds"	No action required.		No	No	No	No	No	No
782	VoiceTimeSynch	1001	warning	Information	No Time Adjustment : "Seconds" seconds > min of "Seconds"	No action required.		No	No	No	No	No	No
783	VoiceTimeSynch	1001	warning	Information	Couldn't get registry information	Stop and Start VoiceTimeSync Service		No	No	No	No	No	No
784	VoiceTimeSynch	1001	warning	Information	time adjustment of "Seconds" seconds > max of "Seconds"	No action required.		No	No	No	No	No	No
785	VoiceTimeSynch	1002	critical	Error	no response from NTP server, check IP number or network connection	check IP number or network connection		No	No	No	No	No	No
786	VoiceWatchdog	1000	warning	Information	KSU Down.	Telephony services will be stopped temporarily. The alarm KSU_UP will be received when the telphony services are being restarted.	Voice Watchdog received the KSU Down from the VoiceMSCService. All services depending on VoiceMSCService will stopped	Yes	No	Yes	Yes	Yes	Yes
787	VoiceWatchdog	1001	warning	Information	KSU Reset.	Telephony services being restarted and will be up within 10~15 minutes.	Voice Watchdog received the KSU UP from the VoiceMSCService. VoiceMSCDriver and all its dependencies will be stopped/Restarted. Wait for 15 minutes to get telephone sets back.	Yes	No	Yes	Yes	Yes	Yes
788	VoiceWatchdog	1002	warning	Information	KSU UP.	Telephony services being restarted and will be up within 10~15 minutes.	Voice Watchdog received the KSU UP from the VoiceMSCService, VoiceMSCDriver and all its dependencies will be Restarted. Wait for 15 minutes to get telephone sets back.	Yes	No	No	Yes	Yes	Yes
789	VoiceWatchdog	1003	warning	Information	%Date/Time% Received KSU DN Length change notice	No action required. Voice Watchdog received the KSU DN Length change from the VoiceMSCService, VoiceMSCDriver and all its dependencies will be stopped/Restart. Wait for 15 minutes to get telephone sets back.		Yes	No	No	No	No	No
790	VoiceWatchdog	1004	warning	Information	Restarting All Monitored Services.	No action required. Voice Watchdog restarting the root service and all it's dependencies.		Yes	No	Yes	Yes	Yes	Yes
791	VoiceWatchdog	1005	warning	Information	%Service Name% was manually restarted and Watchdog is monitoring its tree again.	No action required	Voice Watchdog started monitoring this service.	Yes	No	No	No	No	No
792	VoiceWatchdog	1006	warning	Information	Watchdog was started as a service	No action required		Yes	No	No	No	No	No
793	VoiceWatchdog	1007	warning	Information	%Service Name% started successfully.	No action required		Yes	No	No	Yes	Yes	Yes
794	VoiceWatchdog	2000	minor	Warning	ATTENTION: Communication with LED panel has been lost. Status LED may not reflect true system status.	Investigate the possible cause in the next maintenance window		Yes	No	No	No	No	No
795	VoiceWatchdog	3000	critical	Error	%Service Name% failed:%#% --> Format Message failed: Unknown error.	Call for Support and advise of "unknown error" received	Voice Watchdog received an unknown error number from the Service Control Manager while querying the Service Status	Yes	No	Yes	Yes	Yes	Yes
796	VoiceWatchdog	3001	critical	Error	%Service Name% failed:%#% --> %Error Message%.	Start this service manually. If unable to resolve the problem call for Support and advise of the error message.	Voice Watchdog received error message from the Service Control Manager while querying the Service Status	Yes	No	No	No	No	No
797	VoiceWatchdog	3002	critical	Error	Service %Service Name% has reached the failure repeat limit and must be restarted manually	Start this service manually. If unable to resolve the problem call for Support. Voice Watchdog encountered the maximum limit of services restarting times and the service needs to be restarted manually.		Yes	No	Yes	No	No	No
798	VoiceWatchdog	3003	critical	Error	%Service Name% Start Service failed: The dependent service or group failed to start.	Start the root service of failed service manually. If unable to resolve the problem call for Support.	The service failed to start according to the failure in the root (parent) service. The root service needs to be started manually.	Yes	No	Yes	Yes	Yes	Yes
799	VoiceWatchdog	3004	critical	Error	%Service Name% Failed to start.	Start this service manually. If unable to resolve the problem call for Support.		Yes	No	Yes	Yes	Yes	Yes
800	VoiceWatchdog	3005	critical	Error	Service %Service Name% stopped unexpectedly.	Watchdog will restart this service, No action required.		Yes	No	Yes	Yes	Yes	Yes
801	VoIPSipGateway	100	minor	Information	Service SIP VoIP Gateway Installed	No action required.		No	No	No	No	No	No
802	VoIPSipGateway	101	minor	Information	Service SIP VoIP Gateway Removed	No action required.		No	No	No	No	No	No
803	VoIPSipGateway	102	warning	Information	Service SIP VoIP Gateway started	No action required.		No	No	No	No	No	No
804	VoIPSipGateway	105	warning	Information	Service SIP VoIP Gateway stopped	No action required.		No	No	No	No	No	No
805	VoIPSipGateway	110	minor	Error	Missing Registry Parameter	Report error to ITAS	Points to a build or upgrade error	No	No	No	No	No	No
806	VoIPSipGateway	113	critical	Error	Syntax error in configuration registry entry for Address book	Check HKLM\\Software\\Nortel Networks\\VoIPGateways\\SIP Gateway\\Gateway Data\\Address Book entries for correct information.		No	No	No	No	No	No
807	VoIPSipGateway	114	minor	Warning	Invalid Configuration file parameter	Check gateway type parameter in remotegateway.cfg table file		No	No	No	No	No	No
808	VoIPSipGateway	120	critical	Error	Cannot initializet H323 stack	Report error to ITAS	Windows or file system problem	No	No	No	No	No	No
809	VoIPSipGateway	122	critical	Error	Cannot read info from license server	Report error to ITAS	Maybe permissions problem. Refer to development team	No	No	No	No	No	No

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Component ID (Alarm) eventSource (Trap)	Event ID (Alarm) eventId (Trap)	Alarm Severity	Trap-Type	Problem Description (Alarm) / eventDescr (Trap)	Action Req'd	Comments	New/Changed in BCM3.5	New/Changed in BCM3.6/3.7	BCM 3.0	BCM 3.5	BCM 3.6	BCM 3.7
810	VoIPSipGateway	123	minor	Warning	Keycode applied for unknown feature	Keycode applied for more recent feature than software knows of.	Confirm Keycode server operation	No	No	No	No	No	No
811	VoIPSipGateway	124	Minor	Error	Quality of Service monitor connection not established	Report error to ITAS	May be a Windows resources problem that could require a reboot	No	No	No	No	No	No
812	VoIPSipGateway	130	Minor	Warning	Call setup rejected because of insufficient QoS bandwidth	Confirm engineering traffic guidelines for network configuration	Only shows in Event Viewer no Trap	No	No	No	No	No	No
813	VoIPSipGateway	131	minor	Warning	Dropped connected call from DN X to DN Y. Incompatible codecs or insufficient media gateway resources	Change or make available the correct Codec to match the Codec supported by the software at the far end of the call.		No	No	No	No	No	No
814	VoIPSipGateway	200	major	Error	Generic System Error	A wide assortment of problems. See event text for details.	Report error to ITAS to inform designers	No	No	No	No	No	No
815	VoIPSipGateway	201	major	Warning	Generic System Warning	A wide assortment of problems. See event text for details.	Report error to ITAS to inform designers	No	No	No	No	No	No
816	VoIPSipGateway	202	Major	Warning	Registry import problems	Report error to ITAS	Problem with importing vngway.reg	No	No	No	No	No	No
817	VoIPSipGateway	203	Major	Warning	Registry import problems	Report error to ITAS	Problem with importing vngway.reg	No	No	No	No	No	No
818	VoIPSipGateway	204	Major	Warning	Registry import problems	Report error to ITAS	Problem with importing vngway.reg	No	No	No	No	No	No
819	Wins	4097	warning	Information	WINS HAS INITIALIZED PROPERLY AND IS NOW FULLY OPERATIONAL.	No action required.		No	No	No	No	No	No
820	Wins	4098	warning	Information	WINS was terminated by the service controller. Wins will gracefully terminate.	No action required.		No	No	No	No	No	No
821	WINSCTRS	4314	critical	Error	WINSCTRS could not get the WINS statistics.	No action required.		No	No	No	No	No	No
822	Workstation	3870	critical	Error	"System Name" is not a valid computer name.	The BCM name should be unique in the network.		No	No	No	No	No	No