Avaya MultiVantage™ Solutions

System Capacities Table

Release 1.2
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Symbols and naming conventions used in the tables:

Symbol	Meaning
*	Software capacity limit cannot be achieved due to hardware capacity limits for this platform.

Hardware and software naming conventions:

Previous name	New name
MCC (Multi-Carrier Cabinet)	Avaya™ MCC1 Media Gateway
SCC (Single-Carrier Cabinet)	Avaya™ SCC1 Media Gateway
DEFINITY® G3r	Avaya™ Definity® Server R with Avaya™ SCC1 Media Gateway and/or Avaya™ MCC1 Media Gateway
DEFINITY® G3si	Avaya™ Definity® Server SI with Avaya™ SCC1 Media Gateway and/or Avaya™ MCC1 Media Gateway
DEFINITY® G3csi or DEFINITY ProLogix	Avaya Definity® Server CSI with Avaya™ CMC1 Media Gateway
DEFINITY BCS-ECS Call Processing Software (RXX)	Avaya MultiVantage™ software
DEFINITY® BCS or DEFINITY® ECS	Avaya™ MultiVantage software with Avaya™ CMC1 Media Gateway or Avaya™ SCC1 Media Gateway and/or Avaya™ MCC1 Media Gateway
DEFINITY ECS G3r	Avaya MultiVantage Software running on a DEFINITY Server R
IP600	Avaya™ S8100 Media Server with Avaya™ G600 Media Gateway
DEFINITY ONE™	Avaya™ S8100 Media Server with Avaya™ CMC1 Media Gateway
CajunView™	Avaya™ MultiService Network Manager 4.5
CajunView™ Console	Avaya™ MultiService Console
ConfigMaster including EZ2Rule	Avaya™ MultiService Configuration Manager
UpdateMaster	Avaya™ MultiService Software Update Manager
VLANMaster	Avaya™ MultiService VLAN Manager
AddressMaster	Avaya™ MultiService Address Manager
SMON™	Avaya MultiService SMON™ Manager 5.0

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
	NOTE-1: This table contains Avaya™ Communication Manager software-defined maximums. Some offer-based limits may be different (See footnotes).													
	NOTE-2: The CSI and SI are represented in the same column SInce the Software-defined capacities are that of medium-SIzed switch (G3SI), except for maximum stations being 900 instead of 2400. Also, CSI does not support EPNs. These and other hardware-based differences between the CSI and SI models are noted in specific rows and columns as appropriate. ProLogix is usually configured as a CSI.													
	NOTE-3: An asterisk (*) indicates that the software-defined capacity can not be reached due to HW or Processor capacity limits for the platform..													
10	***ABBREVIATED DIALING***													
15	AD Lists Per System: (CSI) SI	(2400*) 2400	5,000	(2400*) 2400	5,000	2,400*	(2400*) 2400	5,000	(2400*) 2400	5,000	11,003[68]	11,003[68]	2,400	2,400*
20	AD List Entry Size	24	24	24	24	24	24	24	24	24	24	24	24	24
25	AD Entries Per System	12,000	100,000	12,000	100,000	12,000*	12,000	100,000	12,000	100,000	250,000[69]	250,000[69]	12,000	12,000*
30	***ABBREVIATED DIALING BUTTONS[1]***													
35	Entries per System[1]	(note 1)	(note 1)	(note 1)	(note 1)	(note 1)	(note 1)	(note 1)	(note 1)	(note 1)	(note 1)	(note 1)	(note 1)	(note 1)
40	Enhanced List (System List)	1	1	1	1	1	1	1	1	1	2^{70}	2^{70}	1	1
45	Max. entries	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	2000[71.1]	10,000
50	Group Lists	100	1,000	100	1,000	100	100	1,000	100	1,000	1,000	1,000	100	100
55	Max. entries	100	100	100	100	100	100	100	100	100	100	100	100	100
60	Group lists / extension	3	3	3	3	3	3	3	3	3	3	3	3	3
65	System List	1	1	1	1	1	1	1	1	1	1	1	1	1
70	Max. entries	100	100	100	100	100	100	100	100	100	100	100	100	100
75	Personal Lists (CSI: *)	(2400*) 2400	5,000	(2400*) 2400	5,000	2,400*	(2400*) 2400	5,000	(2400*) 2400	5,000	10,000	10,000	2,400	2,400*
80	Max. entries	100	100	100	100	100	100	100	100	100	100	100	100	100
85	Personal lists / extension	3	3	3	3	3	3	3	3	3	3	3	3	3
90	***ANNOUNCEMENTS: See Info under the following: ACD, Call Vectoring, Hunt Groups, Recorded Announcements and S8300 Specific Capacities***													
95	***APPLICATIONS ADJUNCTS (CSI) SI where different***	(CSI) SI		(CSI) SI			(CSI) SI		(CSI) SI					
100	CallVisor ASAI Adjuncts	8	16	NA	NA	1[107]	8	16	NA	NA	16	16	16	8
105	Asynchronous Links (RS232)	(5) 9	10	(5) 9	10	NA	(5) 9	10	(5) 9	10	10	10	9	NA
110	CDR Output Devices[4.6]	2	2	2	2	(note 53)	2	2	2	2	2	2	2	(note 53)
115	Journal Printers : System Printer[4.6]	2:1	2:1	2:1	2:1	NA	2:1	2:1	2:1	2:1	2:1	2:1	2:1	NA
120	Property Mgmt Systems[4.6]	1	1	1	1	NA	1	1	1	1	1	1	NA	NA
125	Maximum Links[4.1]	25	33	25	33	25	25	33	25	33	33	33	25	25
130	BX.25 Physical Links4	(NA) 8	16	(NA) 8	16	NA	(NA) 8	16	(NA) 8	16	NA	NA	NA	NA
135	PPP Links/switch using CLAN board4.1	25	33	25	33	25	25	33	25	33	33	33	NA	25
140	IP Routes (with C-LAN)[4.1]	400	650	400	650	400	400	650	400	650	650	650	NA	400
145	***VOICE PROCESSING ADJUNCTS***													
150	***Traditional AUDIX***	(NA) 1	8	(NA) 1	8	NA	(NA) 1	8	(NA) 1	8	8	8	1	NA
155	***EMBEDDED AUDIX***	1	1	1	1	NA	1	1	1	1	1	1	1	NA
160	EMBEDDED AUDIX DCP Emulation	1	1	1	1	NA	1	1	1	1	1	1	1	NA
165	DEFINITY AUDIX Control Link	(NA) 1	1	(NA) 1	1	NA	(NA) 1	1	(NA) 1	1	1	1	1	NA

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
170	***INTUITY AUDIX***													
175	INTUITY AUDIX (Via Mode Code)	1[4.2]	1[4.2]	1[4.2]	1[4.2]	NA	1[4.2]	1[4.2]	1[4.2]	1[4.2]	1[4.2]	1[4.2]	1[4.2]	NA
180	INTUITY AUDIX (Via BX.25)	(NA) 1	8	(NA) 1	8	NA	(NA) 1	8	(NA) 1	8	NA	NA	NA	NA
185	INTUITY AUDIX (Via TCP/IP)	1	8	1	8	NA	1	8	1	8	8	8	1	NA
190	INTUITY AUDIX (MAPD)	1	1	1	1	NA	1	1	1	1	1	1	NA	NA
195	Mode Code Voice Mail Systems	1[4.2]	1[4.2]	1[4.2]	1[4.2]	NA	1[4.2]	1[4.2]	1[4.2]	1[4.2]	1[4.2]	1[4.2]	1[4.2]	NA
200	DEFINITY ONE/IP600 Co-resident AUDIX	NA	NA	NA	NA	1	NA	NA	NA	NA	NA	NA	NA	1
205	***OTHER ADJUNCTS***													
210	CMS X.25 Adjunct (PI/PGATE)	(NA) 1	1	NA	NA	NA	(NA) 1	1	NA	NA	NA	NA	NA	NA
215	CMS C-LAN Adjuncts[4.5]	2	2	NA	NA	1	2	2	NA	NA	2	2	NA	1
220	BX.25 Processor Channels	(NA) 64	128	(NA) 64	128	NA	(NA) 64	128	(NA) 64	128	NA	NA	NA	NA
225	BX.25 Hop Channels	(NA) 64	128	(NA) 64	128	NA	(NA) 64	128	(NA) 64	128	NA	NA	NA	NA
230	TCP/IP Processor Channels (Includes Gateway Channels)	(128) 256	384	(128) 256	384	128	(128) 256	384	(128) 256	384	384	384	128	128
235	***AUTOMATIC CALL DISTRIBUTION (ACD) Note: See end of table for CMS adjunct capacities***													
240	Announcements per Split	2	2	2	2	2	2	2	2	2	2	2	2	2
245	Announcements per System	128	1,000	128	1,000	128	128	1,000	128	1,000	3,000	3,000	3,000	128
250	Splits	99	999	99	99	99	99	999	99	99	999	999	99	99
255	ACD Members per Split	200	1,500	150	150	200	200	1,500	150	150	1,500	1,500	200	200
260	Max. Administered ACD members[4.4]	1,000	10,000	150	150	1,000*	1,000	10,000	150	150	60,000	60,000	1,000	1,000*
265	Logged-In Splits per Agent[5]	4	4	4	4	4	4	4	4	4	4	4	4	4
270	***Max. logged-in ACD agents (per system) when each logs into:[6]***													
275	1 Split	500	5,200	150[75.1]	150[75.1]	100[66]	500	5,200	150[75.1]	150[75.1]	5,200	5,200	500[71.1]	100[66]
280	R3V9 CMS (See Note 80)	32,000[75]	32,000[75]	NA	NA	32,000[75]	32,000[75]	32,000[75]	NA	NA	32,000[75]	32,000[75]	32,000[75]	32,000[75]
285	R3V11 CMS (See Note 80)	41,600[75]	41,600[75]	NA	NA	41,600[75]	41,600[75]	41,600[75]	NA	NA	41,600[75]	41,600[75]	41,600[75]	41,600[75]
290	2 Splits	500	5,000	75[75.1]	75[75.1]	100[66]	500	5,000	75[75.1]	75[75.1]	5,200	5,200	500[71.1]	100[66]
295	R3V9 CMS (See Note 80)	32,000[75]	32,000[75]	NA	NA	32,000[75]	32,000[75]	32,000[75]	NA	NA	32,000[75]	32,000[75]	32,000[75]	32,000[75]
300	R3V11 CMS (See Note 80)	41,600[75]	41,600[75]	NA	NA	41,600[75]	41,600[75]	41,600[75]	NA	NA	41,600[75]	41,600[75]	41,600[75]	41,600[75]
305	3 Splits	333	3,333	50[75.1]	50[75.1]	100[66]	333	3,333	50[75.1]	50[75.1]	5,200	5,200	333[71.1]	100[66]
310	R3V9 CMS (See Note 80)	26664[75]	26,664[75]	NA	NA	26,664[75]	26,664[75]	26664[75]	NA	NA	26,664[75]	26664[75]	26,664[75]	26664[75]
315	R3V11 CMS (See Note 80)	33,333[75]	33,333[75]	NA	NA	33,333[75]	33,333[75]	33,333[75]	NA	NA	33,333[75]	33,333[75]	33,333[75]	33,333[75]
320	4 Splits	250	2,500	37[75.1]	37[75.1]	100[66]	250	2,500	37[75.1]	37[75.1]	5,200	5,200	250	100[66]
325	R3V9 CMS (See Note 80)	20,000[75]	20,000[75]	NA	NA	20,000[75]	20,000[75]	20,000[75]	NA	NA	20,000[75]	20,000[75]	20,000[75]	20,000[75]
330	R3V11 CMS (See Note 80)	25,000[75]	25,000[75]	NA	NA	25,000[75]	25,000[75]	25,000[75]	NA	NA	25,000[75]	25,000[75]	25,000[75]	25,000[75]
335	Queue Slots per Group[7]	200	999	200	999	200	200	999	200	999	999	999	200	200
340	Queue Slots per System[7]	1,500	25,000	1,500	25,000	1,500	1,500	25,000	1,500	25,000	25,000	25,000	1,500	1,500
345	***ARS / AAR***													
350	AAR/ARS Patterns (Shared)	254	640	254	640	254	254	640	254	640	999	999	254	254
355	ARS/AAR Analysis Tables	2,000	4,000	2,000	4,000	2,000	2,000	4,000	2,000	4,000	4,000	4,000	2,000	2,000
360	Choices per RHNPA Table	12	12	12	12	12	12	12	12	12	24	24	12	12
365	Digit Conversion Entries	400	600	400	600	400	400	600	400	600	3000	3000	400	400

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
370	***AAR/ARS Digit Conversion***													
375	Digits Deleted for ARS/AAR	28	28	28	28	28	28	28	28	28	28	28	28	28
380	Digits Inserted for ARS/AAR	18	18	18	18	18	18	18	18	18	18	18	18	18
385	***AAR/ARS Sub-Net Trunking***													
390	Digits Deleted for ARS/AAR[8]	28	28	28	28	28	28	28	28	28	28	28	28	28
395	Digits Inserted for ARS/AAR	36	36	36	36	36	36	36	36	36	36	36	36	36
400	Entries in each RHNPA Tables	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
405	Facility Restriction Levels (FRLs)	8	8	8	8	8	8	8	8	8	8	8	8	8
410	Inserted Digit Strings[9]	1,200	3,000	1,200	3,000	1,200	1,200	3,000	1,200	3,000	3,000	3,000	1,200	1,200
415	***Patterns for Measurement***													
420	Shared Patterns for Measurement	20	25	20	25	20	20	25	20	25	25	25	20	20
425	RHNPA Tables	32	32	32	32	32	32	32	32	32	32	32	32	32
430	Routing Plans	8	8	8	8	8	8	8	8	8	8	8	8	8
435	ARS Toll Tables	32	32	32	32	32	32	32	32	32	32	32	32	32
440	Entries per Toll Table	800	800	800	800	800	800	800	800	800	800	800	800	800
445	Trunk Groups in an ARS/AAR Pattern	6	16	6	16	6	6	16	6	16	16	16	6	6
450	UDP (Entries)	10,000	50,000 80,000[96]	10,000	50,000 80,000[96]	10,000	10,000	50,000 80,000[96]	10,000	50,000 80,000[96]	80,000	80,000	10,000	10,000
455	TOD Charts	8	8	8	8	8	8	8	8	8	8	8	8	8
460	Toll Analysis Table Entries	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
465	***ASAI - See CALLVISOR ASAI***													
470	***ATM***													
475	WAN Spare Processor (WSP)	NA	15	NA	NA	NA	NA	15	NA	NA	NA	NA	NA	NA
480	***ATTENDANT SERVICE***													
485	Attendant Consoles(day:night)[10]	15:1	27:1	15:1	27:1	15:1	15:1	27:1	15:1	27:1	27:1	27:1	15:1	15:1
490	Attendant Console 100s Groups/Attendant	20	20	20	20	20	20	20	20	20	20	20	20	20
495	Attendant Control Restriction Groups	96	96	96	96	96	96	96	96	96	96	96	96	96
500	***Centralized Attendant Service***													
505	Release Link Trunks at Branch	99	255	NA	NA	99	99	255	NA	NA	255	255	99	99
510	Release Link Trk Grp at Branch	1	1	NA	NA	1	1	1	NA	NA	1	1	1	1
515	Release Link Trunks at Main	400	4,000	NA	NA	400	400	4,000	NA	NA	4,000	4,000	400	400
520	Release Link Trk Grp at Main[11]	99	666	NA	NA	99	99	666	NA	NA	2000	2000	99	99
525	***Other Access Queues***													
530	Max. Number of Queues	12	12	12	12	12	12	12	12	12	12	12	12	12
535	Max. Number of Queue Slots[12]	80	80	80	80	80	80	80	80	80	80	80	80	80
540	Size range of Reserved Queue	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75
545	Reserved Queue Default Size	5	5	5	5	5	5	5	5	5	5	5	5	5
550	Queue Length	80	300	80	300	80	80	300	80	300	300	300	80	80
555	Switched Loops/Console	6	6	6	6	6	6	6	6	6	6	6	6	6
560	***AUTHORIZATION***													
565	Authorization Codes	5,000	90,000	5,000	90,000	5,000	5,000	90,000	5,000	90,000	90,000	90,000	5,000	5,000

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
570	Station Security Code Length	7	7	7	7	7	7	7	7	7	7	7	7	7
575	Classes of Restriction	96	96	96	96	96	96	96	96	96	96	96	96	96
580	Classes of Service	16	16	16	16	16	16	16	16	16	16	16	16	16
585	Length of Authorization Code	4 - 13	4 - 13	4 - 13	4 - 13	4-13	4 - 13	4 - 13	4 - 13	4 - 13	4 - 13	4 - 13	4 - 13	4-13
590	Length of Barrier Code	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7	4-7
595	Length of Account Codes [93]	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15
600	Restricted Call List	1	1	1	1	1	1	1	1	1	1	1	1	1
605	Remote Access Barrier Codes	10	10	10	10	10	10	10	10	10	10	10	10	10
610	CDR Account Code List	1	1	1	1	1	1	1	1	1	1	1	1	1
615	Toll Call List	1	1	1	1	1	1	1	1	1	1	1	1	1
620	Unrestricted/Allowed Call Lists	10	10	10	10	10	10	10	10	10	10	10	10	10
625	Total Call List Entries	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
630	***AUTOMATIC CALL BACK (ACB) CALLS***													
635	Max ACB Calls	240	1,500	240	1,500	240	240	1,500	240	1,500	1,500	1,500	240	240
640	***AUTOMATIC WAKEUP***													
645	Simultaneous Display Requests	10	30	10	30	10	10	30	10	30	30	30	10	10
650	Wakeup Requests per System	2,400	15,000	2,400	15,000	2,400	2,400	15,000	2,400	15,000	15,000	15,000	2,400	2,400
655	Wakeup Request per Extension	2	2	2	2	2	2	2	2	2	2	2	2	2
660	Wakeup Requests per 15 min Interval	450	950	450	950	450	450	950	450	950	950	950	450	450
665	***BASIC CALL MANAGEMENT SYSTEM (BCMS)***													
670	Measured Agents or Login Ids	400	2,000	25	25	100 [66]	400	2,000	25	25	2,000	2,000	400 [71.1]	100 [66]
675	Measured Agents Per Split/Skill	200	999	25	25	100 [66]	200	999	25	25	999	999	200	100 [66 ?5]
680	Measured Splits/Skills	99	600	5	5	99	99	600	5	5	600	600	99	99
685	Measured Agent-split/skill pairs	1,000	10,000	1,000	10,000	1,000	1,000	10,000	1,000	10,000	40,000	40,000	1,000	1,000
690	Measured Trunk Groups	32	32	32	32	32	32	32	32	32	32	32	32	32
695	Measured VDNs	99	512	30	40	99	99	512	30	40	512	512	99	99
700	Max. Agents Displayed by Monitor BCMS Split Command [12.1]	100	100	100	100	100 [66]	100	100	100	100	100	100	100	100 [66]
705	Max. BCMS Terminals	3	4	3	4	3	3	4	3	4	4	4	3	1
710	Max. Active Maintenance Commands for System	1	5	1	5	1	1	5	1	5	15	15	1	1
715	Max. Simultaneous BCMS Terminals in Monitor Mode [12.2]	1	3	1	3	1	1	3	1	3	13	13	1	1
720	***Reporting Periods***													
725	Intervals	25	25	25	25	25	25	25	25	25	25	25	25	25
730	Days	7	7	7	7	7	7	7	7	7	7	7	7	7
735	***CABINETS***	(CSI) SI		(CSI) SI			(CSI) SI		(CSI) SI					
740	***Inter-Port Network Connectivity:*** (CSI) SI where different													
745	Port Networks	(1) 3	44	(1) 3	44	1	(1) 3	44	(1) 3	44	64	64	NA	1
750	Max No. of Port Networks per Cabinet [67]	(1) 2	2	(1) 2	2	1	(1) 2	5	(1) 2	5	NA	5	NA	1
755	Switch Nodes (Simplex)	NA	3	NA	3	NA	NA	3	NA	3	NA	3	NA	NA

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
760	Switch Nodes (Duplex)	NA	6	NA	6	NA	NA	6	NA	6	NA	6	NA	NA
765	DS1 Converter Complex (Simplex)	NA	41	NA	41	NA	NA	41	NA	41	41	41	NA	NA
770	DS1 Converter Complex (Duplex)	NA	82	NA	82	NA	NA	82	NA	82	82	82	NA	NA
775	***EPN***													
780	MCC[13]	(NA) 2	43	(NA) 2	43	NA	(NA) 2	43	(NA) 2	43	NA	64	NA	NA
785	SCC[13]	(NA) 8	172	(NA) 8	172	NA	(NA) 8	172	(NA) 8	172	NA	256	NA	NA
790	G600 19" Rack Mount Cabinet	NA	NA	NA	NA	NA	NA	NA	NA	NA	64	NA	NA	NA
795	***PPN***													
800	MCC (Medium)	(NA) 1	1	(NA) 1	1	NA	(NA) 1	1	(NA) 1	1	NA	NA	NA	NA
805	SCC/ESCC	(NA) 4	NA	(NA) 4	NA	NA	(NA) 4	NA	(NA) 4	NA	NA	NA	NA	NA
810	CMC	(3) NA	NA	(3) NA	NA	3	(3) NA	NA	(3) NA	NA	NA	NA	NA	3
815	G600 19" Rack Mount Cabinet	NA	NA	NA	NA	1	NA	NA	NA	NA	64	NA	NA	1
820	***CALL APPEARANCES***													
825	Bridged Images/Appearance[15]	64	64	64	64	64	64	64	64	64	64	64	64	64
830	Call Appearances / Station[16]	54	54	54	54	54	54	54	54	54	54	54	54	54
835	Max. Appearances per Ext.	10	10	10	10	10	10	10	10	10	10	10	10	10
840	Min. Appearances per Ext.	0	0	0	0	0	0	0	0	0	0	0	0	0
845	Total Bridged Appearances	2,400	25,000	2,400	25,000	2,400*	2,400	25,000	2,400	25,000	36,000	36,000	2,400	2,400*
850	Max. Simultaneous Off-Hook per Call[17]	5	5	5	5	5	5	5	5	5	5	5	5	5
855	***CALL COVERAGE***													
860	Coverage Answer Groups(CAG)	200	750	200	750	200	200	750	200	750	1000	1000	200	200
865	Coverage Paths	999 2,000[98]	999 9,999[98]	999 2,000[98]	999 9,999[98]	999 2,000[98]	999 2,000[98]	999 9,999[98]	999 2,000[98]	999 9,999[98]	999 9,999[98]	999 9,999[98]	999 2000[71.1]	999 2,000[98]
870	Coverage Paths Incl. in Call Covg. Report	100	100	100	100	100	100	100	100	100	200	200	100	100
875	Coverage Path per Station	2	2	2	2	2	2	2	2	2	2	2	2	2
880	Coverage Points in a Path	6	6	6	6	6	6	6	6	6	6	6	6	6
885	Remote Coverage Points	999 2,000[97]	999 9,999[97]	999 2,000[97]	999 9,999[97]	999 2,000[97]	999 2,000[97]	999 9,999[97]	999 2,000[97]	999 9,999[97]	10,000	10,000	999 2,000[97]	999 2,000[97]
890	Max Users/Coverage Path	3500*	36,065	3,500*	36,065	3,500*	3500*	36,065	3,500*	36,065	47,088	47,088	3500*	3,500*
895	Members per CAG	8	8	8	8	8	8	8	8	8	8	8	8	8
900	Time of Day Coverage Tables	999	999	999	999	999	999	999	999	999	999	999	999	999
905	Time of Day Changes per Table	5	5	5	5	5	5	5	5	5	5	5	5	5
910	Remote Admin Coverage Paths	2	2	NA	NA	2	2	2	NA	NA	2	2	2	2
915	***CALL DETAIL RECORDING***													
920	Intra-switch Call Trackable Extensions	1,000	5,000	1,000	5,000	1,000	1,000	5,000	1,000	5,000	5,000	5,000	1,000	1,000
925	Max. No. of CDR Records That Can Be Buffered in the Switch	500	9,614	500	9,614	(note 54)	500	9,614	500	9,614	17,326	17,326	500	(note 54)
930	No. of Records Buffered for the Primary. Output Device That Will Cause Secondary Device to be Busied Out for 2 Minutes	200	1,900	200	1,900	NA	200	1,900	200	1,900	1,900	1,900	200	NA

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
935	***CALL FORWARDING***													
940	Call Forwarded Digits(off-net)	16	16	16	16	16	16	16	16	16	16	16	16	16
945	Call Forwarded Numbers	2,400	25,000	2,400	25,000	2,400	2,400	25,000	2,400	25,000	36,000	36,000	2,400	2,400
950	***CALL PARK***													
955	Attd. Grp. Common Shared Ext. Numbers. Per System[19]	80	80	80	80	80	80	80	80	80	80	80	80	80
960	No. of Parked Calls	723	10,604	723	10,604	723	723	10,604	723	10,604	10,604	10,604	723	723
965	***CALL PICKUP GROUPS: (CSI) SI differ SInce it is based on station user max***													
970	Call Pickup Members/Group	50	50	50	50	50	50	50	50	50	50	50	50	50
975	Call Pickup Members/System	(900) 2400	25,000	(900) 2400	25,000	2,400*	(900) 2400	25,000	(900) 2400	25,000	36,000	36,000	2400[7.1.1]	2,400*
980	No. of Groups	800	5,000	800	5,000	800	800	5,000	800	5,000	5,000	5,000	800	800
985	***CALL VECTORING***													
990	Skills a Call Can Simultaneously Queue to	3	3	NA	NA	3	3	3	NA	NA	3	3	3	3
995	Priority Levels	4	4	4	4	4	4	4	4	4	4	4	4	4
1000	Recorded Announcements/Audio Sources for Vector Delay	128	1,000	128	1,000	128	128	1,000	128	1,000	3,000	3,000	3,000	128
1005	Steps per Vector	32	32	32	32	32	32	32	32	32	32	32	32	32
1010	Vector Directory Numbers	512	20,000[20.1]	60	80	512	512	20,000[20.1]	60	80	20,000	20,000	512	512
1015	CMS Measured VDNs	512	20,000	NA	NA	512	512	20,000	NA	NA	20,000	20,000	512	512
1020	R3V9 CMS	20,000	20,000	NA	NA	20,000	20,000	20,000	NA	NA	20,000	20,000	20,000	20,000
1025	R3V11 CMS	20,000	20,000	NA	NA	20,000	20,000	20,000	NA	NA	20,000	20,000	20,000	20,000
1030	Vectors per System	256	999	15	20	256	256	999	15	20	999	999	256	256
1035	R3V9 CMS[80]	7,992	7,992	NA	NA	7,992	7,992	7,992	NA	NA	7,992	7,992	7,992	7,992
1040	R3V11 CMS[80]	7,992	7,992	NA	NA	7,992	7,992	7,992	NA	NA	7,992	7,992	7,992	7,992
1045	Number of Collected Digits for Call Prompting or CINFO	16	16	16	16	16	16	16	16	16	16	16	16	16
1050	Number of Dial-Ahead Digits for Call Prompting	24	24	24	24	24	24	24	24	24	24	24	24	24
1055	Vector Routing Tables	10	100	NA	NA	10	10	100	NA	NA	100	100	10	10
1060	BSR Application Routing Tables (forms)	255	255	NA	NA	255	255	255	NA	NA	511	511	255	255
1065	BSR Application-Location Pairs[20.5]	1,000	1,000	NA	NA	1,000	1,000	1,000	NA	NA	2560	2560	1,000	1,000
1070	Holiday Tables	10	10	10	10	10	10	10	10	10	10	10	10	10
1075	***CALLVISOR ASAI***													
1080	Adjunct Control Associations per Call	1	1	NA	NA	1	1	1	NA	NA	1	1	1	1
1085	Active Adjunct Control Associations (Simultaneous Active Call Controlled Calls)	600	5,000	NA	NA	600	600	5,000	NA	NA	5,000	5,000	600	600
1090	Active Adjuct Route Requests System Wide	300	2,000	NA	NA	300	300	2,000	NA	NA	2,000	2,000	300	300

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
1095	Active Adjunct Route Req. per Link (Switch to Adjunct Associations)	300	2,000	NA	NA	300	300	2,000	NA	NA	2,000	2,000	300	300
1100	Active Notifications per Call	3	6	NA	NA	3	3	6	NA	NA	6	6	6	3
1105	Active Notifications per Split Domain	3	6	NA	NA	3	3	6	NA	NA	6	6	6	3
1110	Active Notifications per VDN Domain	3	6	NA	NA	3	3	6	NA	NA	6	6	6	3
1115	Call Controllers per Call	1	1	NA	NA	1	1	1	NA	NA	1	1	1	1
1120	Domain-Control Associations per Call	12	24	NA	NA	12	12	24	NA	NA	24	24	24	12
1125	Domain-Control Station Associations (Active Station Control Assoc.)	2,000	6,000	NA	NA	2,000	2,000	6,000	NA	NA	6,000	6,000	2,000	2,000
1130	Domain-Control Split/Skill Associations	300	2,000	NA	NA	300	300	2,000	NA	NA	2,000	2,000	300	300
1135	Domain-controllers per Station Domain	2	4	NA	NA	2	2	4	NA	NA	4	4	4	2
1140	Domain-controllers per Split/skill Domain	4	8	NA	NA	4	4	8	NA	NA	8	8	8	4
1145	Notification Associations (Requests or Monitors)	300	10,000	NA	NA	300	300	10,000	NA	NA	10,000	10,000	300	300
1150	Max. Calls With Send DTMF Active	16	32	NA	NA	16	16	32	NA	NA	32	32	32	16
1155	Maximum Simultaneous Calls Being Classified	80	600	NA	NA	80	80	600	NA	NA	600	600	NA	80
1160	Split/skill Domain Controls System Wide	300	2,000	NA	NA	300	300	2,000	NA	NA	2,000	2,000	300	300
1165	Simultaneous Billing (MultiQuest) Requests	100	1,000	NA	NA	100	100	1,000	NA	NA	1,000	1,000	100	100
1170	Simultaneous Selective Listening Disconnected Paths	75	300	NA	NA	75	75	300	NA	NA	300	300	75	75
1175	***ASAI Traffic: (CSI) SI where different***													
1180	Messages/Second Per ASAI/BRI Link	30	30	NA	NA	NA	30	30	NA	NA	30	30	NA	NA
1185	Inbound Msgs/Sec Per MAPD CTI Link	(120/200[109]) 200	200	NA	NA	NA	(120/200[109]) 200	200	NA	NA	200	200	NA	120/200[109]
1190	Outbound Msgs/Sec Per MAPD CTI Link	(120/240[109]) 240	240	NA	NA	NA	(120/240[109]) 240	240	NA	NA	240	240	NA	120/240[109]
1195	Msg/Sec per MAPD (full duplex)	(120/240[109]) 240	240	NA	NA	NA	(120/240[109]) 240	240	NA	NA	240	240	NA	120/240[109]
1200	Inbound Msgs/Second Per ASAI IP Link	NA	NA	NA	NA	50	NA	NA	NA	NA	NA	NA	200	50
1205	Outbound Msgs/Second Per ASAI IP Link	NA	NA	NA	NA	240	NA	NA	NA	NA	NA	NA	240	240
1210	Msgs/Sec/System (full duplex)	(120/240[109]) 240	240	NA	NA	240	(120/240[109]) 240	240	NA	NA	240	720	240	240
1215	***Maximum CTI Links***													
1220	Maximum CallVisor ASAI Links (Open and Proprietary)	8	16	NA	NA	1	8	16	NA	NA	16	16	16	8
1225	Max Co-resident DLG Interfaces	NA	NA	NA	NA	1	NA	NA	NA	NA	NA	NA	16	8
1230	CTI Links per MFB	(NA) 4	4	NA	NA	NA	(NA) 4	4	NA	NA	4	4	NA	NA
1235	CTI Links per MAPD	8	8	NA	NA	NA	8	8	NA	NA	8	8	NA	8

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
1240	***CONFERENCE***	(CSI) SI		(CSI) SI			(CSI) SI		(CSI) SI					
1245	Conference Parties	6	6	6	6	6	6	6	6	6	6	6	6	6
1250	Simultaneous 3-way Conf. Calls[21]	(161) 484	7,098	(161) 484	7,098	161	(161) 484	7,098	(161) 484	7,098	10,304	10,304	484	161
1255	Simultaneous 6-way Conf. Calls[22]	(80) 242	3,549	(80) 242	3,549	80	(80) 242	3,549	(80) 242	3,549	5,152	5,152	242	80
1260	***Meet-Me Conferencing***													
1265	Max. No. of Conference Parties	NA	NA	NA	NA	NA	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6
1270	Max Required Security Code Length	NA	NA	NA	NA	NA	0 or 6	0 or 6	0 or 6	0 or 6	0 or 6	0 or 6	0 or 6	0 or 6
1275	Meet-Me Conference VDNs	NA	NA	NA	NA	80	175	1,800	30	40	175	1,800	175	175
1280	***DATA PARAMETERS***													
1285	Administered Connections	128	128	128	128	128	128	128	128	128	128	128	NA	128
1290	***ALPHANUMERIC DIALING***													
1295	Max. entries	200	1,250	200	1,250	200	200	1,250	200	1,250	1,250	1,250	NA	200
1300	Characters/Entry	22	22	22	22	22	22	22	22	22	22	22	NA	22
1305	PRI Endpoints(PE)	25	50	25	50	8	25	50	25	50	50	50	NA	8
1310	Access Endpoints(# of Trunks)	400	4000	400	4000	400	400	4000	400	4000	8000	8000	NA	400
1315	***MULTIMEDIA PARAMETERS***													
1320	TN787D MMI Boards	4	12	NA	NA	4	4	12	NA	NA	NA	12	NA	4
1325	TN788B VC Boards	25	69	NA	NA	25	25	69	NA	NA	NA	69	NA	25
1330	MMI and VC Boards in Multiple PN	(NA) Yes	Yes	NA	NA	NA	(NA)Yes	Yes	NA	NA	NA	Yes	NA	NA
1335	Multimedia One Number Conferences Per System	800	2,000	NA	NA	800*	800	2,000	NA	NA	NA	2,000	NA	800*
1340	Multimedia Dynamic Conference Records	64	192	NA	NA	64	64	192	NA	NA	NA	192	NA	64
1345	Maximum Number of BRI Connections[101]	1,000	7,000	NA	NA	1,000*	1,000	7,000	NA	NA	4,000	7,000	NA	1,000*
1350	MASI Nodes	12	15	NA	NA	12	12	15	NA	NA	NA	15	NA	12
1355	MASI Links	15	15	NA	NA	15	15	15	NA	NA	NA	15	NA	15
1360	MASI Trunk Groups	96	120	NA	NA	96	96	120	NA	NA	NA	120	NA	96
1365	***DIGITAL DATA ENDPOINTS***	800	7,500	800	7,500	800	800	7,500	800	7,500	4,000	7,500	NA	800
1370	***DIAL PLAN***													
1375	DID LDNs	8	20	8	20	8	8	20	8	20	20	20	8	8
1380	Extensions (total)[24]	3500*	36,065	3500*	36,065	3,500*	3500*	36,065	3500*	36,065	49,828	49,828	3,500	3,500*
1385	"Station" Extensions[24.1]	2416*	25,028	2416*	25,028	2,416*	2416*	25,028	2416*	25,028	36,051	36,051	2,416	2,416*
1390	Extension No. Portability (UDP Entries)	10,000	50,000 80,000[96]	10,000	50,000 80,000[96]	10,000	10,000	50,000 80,000[96]	10,000	50,000 80,000[96]	80,000	80,000	10,000	10,000
1395	***Feature Dial Access Codes***													
1400	Number of Codes[100]	117	117	117	117	117	121	121	121	121	121	121	121	121
1405	No.of Digits in a Feature Access Code	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4
1410	Integrated Directory Entries[27]	2,416	25,028	2,416	25,028	2,416*	2,416	25,028	2,416	25,028	36,028	36,028	2,416	2,416*
1415	Maximum Extension Size	5	5	5	5	5	7	7	7	7	7	7	7	7
1420	Minimum Extension Size	1	1	1	1	1	1	1	1	1	1	1	1	1
1425	Miscellaneous Extensions[25]	900	20,317	900	20,317	900	900	20,317	900	20,317	26,258	900	900	900
1430	***NAMES***													

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
1435	No. of names[28]	4,215	36,511	4,215	36,511	4,215	4,215	36,511	4,215	36,511	48,845	48,845	4,215	4,215
1440	No. of characters in a name	27	27	27	27	27	27	27	27	27	27	27	27	27
1445	***Non-DID LDNs***	50	666	50	666	50	50	666	50	666	666	666	50	50
1450	***EXTENsiONS (total)*** [24]													
1455	Prefix Extensions	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
1460	Prefix Extensions Lengths99	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6	2-6
1465	***Trunk Dial Access Codes***													
1470	No. of Dial Access Codes	317	884	317	884	317*	317	884	317	884	2,218	2,218	317	317*
1475	No. of digits in DAC	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4
1480	***Locations*** [106]	10	44	10	44	1	10	44	10	44	64	64	10	1
1485	***DO NOT DISTURB (DND)***													
1490	DND Requests per System	2,400	25,000	2,400	25,000	2,400*	2,400	25,000	2,400	25,000	36,000	36,000	2,400	2,400*
1495	Simultaneous Display Requests	10	30	10	30	10	10	30	10	30	30	30	10	10
1500	***DISPLAY***													
1505	Display Formats	50	50	NA	NA	50	50	50	NA	NA	50	50	50	50
1510	Simultaneous Updating Displays	100	500	NA	NA	100	100	500	NA	NA	500	500	100	100
1515	***DEFINITY WIRELESS BUSINESS SYSTEM (DWBS)*** [51]													
1520	TERMINALS	1500	1500	1500	1500	400	1500	1500	1500	1500	1500	1500	NA	400
1525	Radio Controller Circuit Packs[49]	50	150	50	150	50	50	150	50	150	150	150	NA	50
1530	Wireless Fixed Bases	100	300	100	300	100	100	300	100	300	300	300	NA	100
1535	Cell Antenna Units	400	1200	400	1200	400	400	1200	400	1200	1200	1200	NA	400
1540	Coverage (million sq. ft.)	3	3	3	3	3	3	3	3	3	3	3	NA	3
1545	Button Capacity for Wireless	18	18	18	18	18	18	18	18	18	18	18	NA	18
1550	***EC500*** [71.1]													
1555	Software-defined Station Capacity [104]	(900) 2400	25,000	(900) 2400	25,000	900	(900) 2400	25,000	(900) 2400	25,000	16,000[101]	36,000	2400	900
1560	EC500 Mapping Table Capacity	(450) 1200	12,500	(450) 1200	12,500	450	(45) 1200	12500	(450) 1200	12,500	8,000[101]	18,000	1200	450
1565	SW-defined Station Capacity Based Max EC500 Users, with Typical config. of 1 Principal + 2 XMOBILEs[105]	(300) 800	8,333	(300) 800	8,333	300	(300) 800	8,333	(300) 800	8,333	5,333[101]	12,000	800[105]	300
1570	***EXPERT AGENT SELECTION (EAS) (note 83)***													
1575	Skill Groups	99	999	NA	NA	99	99	999	NA	NA	999	999	99	99
1580	VDN Skill Preferences	3	3	NA	NA	3	3	3	NA	NA	3	3	3	3
1585	Max. Skills a Call Can Simultaneously Queue to	3	3	NA	NA	3	3	3	NA	NA	3	3	3	3
1590	Max. Administered ACD Members (login ID-skill pairs)[28.1]	6,000	65,000	NA	NA	6,000	6,000	65,000	NA	NA	65,000	65,000	6,000	6,000
1595	Max. Staffed (logged-in) ACD Members[28.3] ie., agent-skill pairs	1,000	10,000	NA	NA	100 [66]	1,000	10,000	NA	NA	60,000	60,000	1,000	100 [66]
1600	R3V9 CMS (See Note 80)	32,000[75]	32,000[75]	NA	NA	32,000[75]	32,000[75]	32,000[75]	NA	NA	32,000[75]	32,000[75]	32,000[75]	32,000[75]
1605	R3V11 CMS (See Note 80)	NA	NA	NA	NA	NA	100,000[75]	100,000[75]	NA	NA	100,000[75]	100,000[75]	100,000[75]	100,000[75]

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
1610	Max. Administered Agent Login IDs[28.4]	1,500	10,000	NA	NA	1,500	1,500	10,000	NA	NA	10,000	10,000	1,500	1,500
1615	Max. Skills per Agent	20	20	NA	NA	20	20	20	NA	NA	20	20	20	20
1620	R3V9 CMS	20	20	NA	NA	20	20	20	NA	NA	20	20	20	20
1625	R3V11 CMS	20	20	NA	NA	20	20	20	NA	NA	20	20	20	20
1630	Skill Levels (preferences) per Agent Skill	16	16	NA	NA	16	16	16	NA	NA	16	16	16	16
1635	R3V9 CMS	16	16	NA	NA	16	16	16	NA	NA	16	16	16	16
1640	R3V11 CMS	16	16	NA	NA	16	16	16	NA	NA	16	16	16	16
1645	***Max. Logged in EAS Agents (per system) When Each Has:[6]***													
1650	1 Skill	500	5,200	NA	NA	100[66]	500	5,200	NA	NA	5,200	5,200	500[71.1]	100[66]
1655	R3V9 CMS (See Note 80)	32,000[75]	32,000[75]	NA	NA	32,000[75]	32,000[75]	32,000[75]	NA	NA	32,000[75]	32,000[75]	32,000[75]	32,000[75]
1660	R3V11 CMS (See Note 80)	NA	NA	NA	NA	NA	41,600[75]	41,600[75]	NA	NA	41,600[75]	41,600[75]	41,600[75]	41,600[75]
1665	2 Skills	500	5,000	NA	NA	100[66]	500	5,000	NA	NA	5,200	5,200	500[71.1]	100[66]
1670	R3V9 CMS (See Note 80)	32,000[75]	32,000[75]	NA	NA	32,000[75]	32,000[75]	32,000[75]	NA	NA	32,000[75]	32,000[75]	32,000[75]	32,000[75]
1675	R3V11 CMS (See Note 80)	NA	NA	NA	NA	NA	41,600[75]	41,600[75]	NA	NA	41,600[75]	41,600[75]	41,600[75]	41,600[75]
1680	4 Skills	250	2,500	NA	NA	100[66]	250	2,500	NA	NA	5,200[81]	5,200[81]	250[71.1]	100[66]
1685	R3V9 CMS (See Note 80)	20,000[75]	20,000[75]	NA	NA	20,000[75]	20,000[75]	20,000[75]	NA	NA	20,000[75]	20,000[75]	20,000[75]	20,000[75]
1690	R3V11 CMS (See Note 80)	NA	NA	NA	NA	NA	25,000[75]	25,000[75]	NA	NA	25,000[75]	25,000[75]	25,000[75]	25,000[75]
1695	10 Skills	100	1,000	NA	NA	100	100	1,000	NA	NA	5,200[81]	5,200[81]	100	100[66]
1700	R3V9 CMS	8,000	8,000	NA	NA	8,000	8,000	8,000	NA	NA	8,000	8,000	8,000	8,000
1705	R3V11 CMS	10,000	10,000	NA	NA	10,000	10,000	10,000	NA	NA	10,000	10,000	10,000	10,000
1710	20 Skills	50	500	NA	NA	50	50	500	NA	NA	3,000[81]	3,000[81]	50	50
1715	R3V9 CMS	4,000	4,000	NA	NA	4,000	4,000	4,000	NA	NA	4,000	4,000	4,000	4,000
1720	R3V11 CMS	5,000	5,000	NA	NA	5,000	5,000	5,000	NA	NA	5,000	5,000	5,000	5,000
1725	***EXTERNAL DEVICE ALARMING***	32	90	32	90	32	32	90	32	90	NA	90	32	32
1730	***FACILITY BUSY INDICATORS***													
1735	Buttons per Tracked Resource	100	500	100	500	100	100	500	100	500	500	500	100	100
1740	No. of Indicators(Station & Trk Grps)	3,600	10,000 25,000[95]	3,600	10,000 25,000[95]	3,600*	3,600	10,000 25,000[95]	3,600	10,000 25,000[95]	10,000 25,000[95]	10,000 25,000[95]	3,600	3,600*
1745	***HUNT GROUPS (NON ACD)[28.5]***													
1750	Announcements per Group	1	1	1	1	1	1	1	1	1	1	1	1	1
1755	Announcements per System	128	1,000	128	1,000	128	128	1,000	128	1,000	3,000	3,000	3,000	128
1760	Split/Skills/Hunt Groups	99	999	99	999	99	99	999	99	999	999	999	99	99
1765	R3V9 CMS	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1770	R3V11 CMS	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1775	Group Members per Group	200	1,500	200	1,500	200	200	1,500	200	1,500	1,500	1,500	200	200
1780	Group Members per System[28.5]	1,000	10,000	1,000	10,000	1,000	1,000	10,000	1,000	10,000	10,000	10,000	1,000	1,000
1785	Queue Slots per Group[7]	200	999	200	999	200	200	999	200	999	999	999	200	200
1790	Queue Slots per System[7]	1,500	25,000	1,500	25,000	1,500	1,500	25,000	1,500	25,000	25,000	25,000	1,500	1,500
1795	***INTERCOM TRANSLATION TABLE (ICOM): Automatic, Manual and Dial***													
1800	ICOM groups per system	32	256	32	256	32	32	256	32	256	256	256	32	32

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
1805	Auto/Manual	32	256	32	256	32	32	256	32	256	256	256	32	32
1810	Dial	32	256	32	256	32	32	256	32	256	256	256	32	32
1815	***Members per ICOM group***													
1820	Auto	32	32	32	32	32	32	32	32	32	32	32	32	32
1825	Dial	32	32	32	32	32	32	32	32	32	32	32	32	32
1830	Members per System	1,024	8,192	1,024	8,192	1,024*	1,024	8,192	1,024	8,192	8,192	8,192	1,024	1,024*
1835	***IP PLATFORM***													
1840	***IP600 HARD DISK DRIVE***													
1845	Total Capacity (megabytes)	NA	NA	NA	NA	3200	NA	NA	NA	NA	NA	NA	NA	3200
1850	C drive allocation	NA	NA	NA	NA	1200	NA	NA	NA	NA	NA	NA	NA	1200
1855	D drive allocation	NA	NA	NA	NA	1900	NA	NA	NA	NA	NA	NA	NA	1900
1860	Station Capacity[63]	NA	NA	NA	NA	408	NA	NA	NA	NA	NA	NA	NA	408
1865	***IP Solutions***													
1870	TN799 Circuit Packs (CLAN) [81]	(8) 30	30	(8) 30	30	17*	(8) 64	64	(8) 64	64	64	64	NA	17*
1875	(TN802B + TN2302) IP Media Processors	(8) 50	200	(8) 50	200	50*	(8) 50	200	(8) 50	200	200	200	NA	50*
1880	Network Regions	80	250	80	250	80*	80	250	80	250	250	250	50	80*
1885	R300	80	250	80	250	80*	80	250	80	250	250	250	NA	80*
1890	Number of Supported H.248 Media Gateways	80	250	80	250	10	80	250	80	250	250	250	1 - 50[71.1]	10
1895	H.323 Endpoints (stations and trunks combined)	1500	10,000	1500	10,000	408/618[64]	1500	10000	1500	10,000	12,000	12,000	2400[71.1]	408/618[64]
1900	IP Trunks	400	4000	400	4000	168 [63]	400	4000	400	4000	8,000	8,000	400[71.1]	168 [63]
1905	Signaling Groups [60]	110	416	110	416	46	110	416	110	416	650	650	450	46
1910	***S8300 specific Capacities***													
1915	Max Media Modules per Stacked Gateway	NA	NA	NA	NA	NA	NA	NA	NA	NA			40	
1920	Total TTRs per Stacked Gateway	NA	NA	NA	NA	NA	NA	NA	NA	NA			64	
1925	Tone Receivers per Gateway (General)[39]	NA	NA	NA	NA	NA	NA	NA	NA	NA			12	
1930	ASAI CTI Links	NA	NA	NA	NA	NA	NA	NA	NA	NA			1 (with ICC)	
1935	***Embedded Voice Mail***													
1940	Number of Mail Boxes	NA	NA	NA	NA	NA	NA	NA	NA	NA			300	
1945	Number of Ports	NA	NA	NA	NA	NA	NA	NA	NA	NA			8	
1950	Number of Hours of Storage	NA	NA	NA	NA	NA	NA	NA	NA	NA			1400	
1955	***Embedded Announcements***													
1960	Announcement Files	NA	NA	NA	NA	NA	NA	NA	NA	NA			256	
1965	Minutes of Recording	NA	NA	NA	NA	NA	NA	NA	NA	NA			20	
1970	Number of Simultaneous Playback Channels	NA	NA	NA	NA	NA	NA	NA	NA	NA			15	
1975	Number of Record Channels	NA	NA	NA	NA	NA	NA	NA	NA	NA			1	
1980	***LAST NUMBER DIALED***													

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
1985	Entries/System[29]	3,216	32,528	3,216	32,528	3,216*	3,216	32,528	3,216	32,528	43,528	43,528	3,216	3,216*
1990	Number of Digits	24	24	24	24	24	24	24	24	24	24	24	24	24
1995	***LEAVE WORD CALLING (SWITCH BASED)***													
2000	Messages Stored	2,000	6,000	2,000	6,000	2,000*	2,000	6,000	2,000	6,000	6,000	6,000	2,000	2,000*
2005	Messages per User	125	125	125	125	125	125	125	125	125	125	125	125	125
2010	***REMOTE MESSAGE WAITING INDICATORS***													
2015	Per Extension	80	80	80	80	80	80	80	80	80	80	80	80	80
2020	Per System	240	1250	240	1250	240	240	1250	240	1250	1800	1800	240	240
2025	Simultaneous Message Retrievers	60	400	60	400	60	60	400	60	400	400	400	60	60
2030	System-wide Message Retrievers	10	10	10	10	10	10	10	10	10	10	10	10	10
2035	***MALICIOUS CALL TRACE***													
2040	Max. Simultaneous Traces	16	16	16	16	16	16	16	16	16	16	16	16	16
2045	***MULTIPLE LISTED DIRECTORY NUMBERS (MLDN)***													
2050	Via DID	8	20	8	20	8	8	20	8	20	20	20	8	8
2055	Via DID w/Tenant Partition	20	100	20	100	20	20	100	20	100	100	100	20	20
2060	Via CO	99	666	99	666	99	99	666	99	666	2000	2000	99	99
2065	***MODEM POOL GROUPS - Mode 2/Analog***													
2070	Group members per system	160	2,016	NA	NA	160	160	2,016	NA	NA	NA	2,016	160	160
2075	Number of groups	5	63	NA	NA	5	5	63	NA	NA	NA	63	5	5
2080	Members per group	32	32	NA	NA	32	32	32	NA	NA	NA	32	32	32
2085	***NETWORKING (Also see Trunks)***													
2090	CAS RLT Nodes	99	99	NA	NA	99	99	99	NA	NA	99	99	99	99
2095	***DCS Nodes*** [31]													
2100	BX.25 (Private): (CSI) SI	(NA) 63*	63	NA	NA	NA	(NA) 63*	63	NA	NA	NA	NA	NA	NA
2105	TCP/IP	63*	63	NA	NA	63*	63*	63	NA	NA	63	63	63*	63*
2110	ISDN PRI (Public and/or Private)	63*	63	NA	NA	63*	63*	63	NA	NA	63	63	63*	63*
2115	Hybrid (combination of PRI, BX.25, & TCP/IP)	63*	63*	NA	NA	63*	63*	63*	NA	NA	63	63	63*	63*
2120	ENP Nodes[32]	999	999	NA	NA	999	999	999	NA	NA	999	999	999	999
2125	***QSIG Nodes: No fixed Node capacity. See footnote 73***	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
2130	***QSIG/DCS Interworked Nodes*** [76]	63*	63	NA	NA	63*	63*	63	NA	NA	63	63	63*	63*
2135	***PAGING***													
2140	Code Calling IDs	125	125	125	125	125	125	125	125	125	125	125	125	125
2145	Loudspeaker Zones	9	9	9	9	9	9	9	9	9	9	9	9	9
2150	***Group Paging using Speaker Phone*** [50]													
2155	Number of groups	32	32	32	32	32	32	32	32	32	32	32	32	32
2160	Members per Group	32	32	32	32	32	32	32	32	32	32	32	32	32
2165	***PARTITIONS***													
2170	Attendant Group	15	27	15	27	15	15	27	15	27	27	27	15	15

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
2175	Tenant Partition	20	100	20	100	20	20	100	20	100	100	100	20	20
2180	Multiple Music on Hold Sources	20	100	20	100	20	20	100	20	100	100	100	20	20
2185	***PERSONAL CO LINES (PCOL)***													
2190	PCOL Appearances	16	16	16	16	16	16	16	16	16	16	16	16	16
2195	PCOL Lines(Trunk Groups)	200	200	200	200	200	200	200	200	200	200	200	200	200
2200	PCOL Trunks Per Trunk Group	1	1	1	1	1	1	1	1	1	1	1	1	1
2205	***PORT CIRCUIT PACK SLOTS34: (CSI) SI where different***													
2210	***Per EPN***													
2215	MCC Std. Reliability	(NA) 99	99	(NA) 99	99	NA	(NA) 99	99	(NA) 99	99	NA	99	NA	NA
2220	SCC Std. Reliability	(NA) 71	71	(NA) 71	71	NA	(NA) 71	71	(NA) 71	71	NA	71	NA	NA
2225	***Per PPN***													
2230	MCC Std. Reliability	(NA) 89	60,80	(NA) 89	60,80	NA	(NA) 89	60,80	(NA) 89	60,80	NA	60,80	NA	NA
2235	Small Cabinet Std. Reliability	(NA) 33	33	(NA) 33	33	NA	(NA) 33	33	(NA) 33	33	NA	33	NA	NA
2240	ESCC Std. Reliability	(NA) 70	NA	(NA) 70	NA	NA	(NA) 70	NA	(NA) 70	NA	NA	NA	NA	NA
2245	CMC Std. Reliability	(28) NA	NA	(28) NA	NA	28	(28) NA	NA	(28) NA	NA	NA	NA	NA	28
2250	***RECORDED ANNOUNCEMENTS / AUDIO SOURCES FOR VECTOR DELAY***													
2255	Anouncement/Audio Sources per System	128	1,000	128	1,000	128	128	1,000	128	1,000	3,000	3,000	3,000	128
2260	***Analog & Aux Trunk Announcements***													
2265	Queue Slots per Announcement	150	1,000	150	1,000	150	150	1,000	150	1,000	1,000	1,000	1,000	150
2270	Queue Slots per System	150	1,000	150	1,000	150	150	1,000	150	1,000	1,000	1,000	1,000	150
2275	Calls Connected to Same Announcement	150	1,000	150	1,000	150	150	1,000	150	1,000	1,000	1,000	1,000	150
2280	***Integrated Announcements***													
2285	Queue Slots for System	200	4,000	200	4,000	200	200	4,000	200	4,000	4,000	4,000	4,000	200
2290	Calls Connected to Same Announcement	50	1,000	50	1,000	50	50	1,000	50	1,000	1,000	1,000	1,000	50
2295	Announcement Sources: Total Integrated Boards and/or Embedded Virtual Boards	5	10	5	10	5	5	10	5	10	10	10	10[71.1]	5
2300	***TN750 C Boards***													
2305	Channels per Board (playback ports)	16	16	16	16	16	16	16	16	16	NA	NA	NA	NA
2310	Maximun Announcements per Board	256*	256	256*	256	256	256*	256	256*	256	NA	NA	NA	NA
2315	Board Contents Saved[88]	1	1	1	1	1[56.1]	1	1	1	1	NA	NA	NA	NA
2320	***Recording Time (Min:Sec)***													
2325	16 KB Recording	8:32	8:32	8:32	8:32	8:32	8:32	8:32	8:32	8:32	NA	NA	NA	NA
2330	32KB Recording	4:16	4:16	4:16	4:16	4:16	4:16	4:16	4:16	4:16	NA	NA	NA	NA
2335	64KB Recording	2:8	2:8	2:8	2:8	2:8	2:8	2:8	2:8	2:8	NA	NA	NA	NA
2340	***TN2501AP (VAL) Boards***													
2345	Channels per Board (Playback Ports)	31	31	31	31	31	31	31	31	31	31	31	NA	31

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
2350	Maximum Announcements per Board	256*	256	256*	256	256*	256*	256	256*	256	256*	256*	NA	256*
2355	Board contents saved	All active	All active	All active	All active	All active	All active	All active	All active	All active	All active	All active	NA	All active
2360	***Recording Time per Board (in Minutes)*** [90]												NA	
2365	Low-end Option (Max. 1 Board)	10	10	10	10	10	10	10	10	10	10	10	NA	10
2370	High-end Option (Upto 5 Boards for CSI/SI; and 10 for G3R and S8700)	60	60	60	60	60	60	60	60	60	60	60	NA	60
2375	***G600 Embedded Integrated SSP (Scalable Speech Processor) Announcements***													
2380	SSP Boards	NA	NA	NA	NA	1	NA	NA	NA	NA	1 per G600	NA	NA	1 per G600
2385	Channels per SSP Integ. Annc. Circuit Pack	NA	NA	NA	NA	8	NA	NA	NA	NA	8	NA	NA	8
2390	Maximum Announcements per Board	NA	NA	NA	NA	128	NA	NA	NA	NA	128	NA	NA	128
2395	Board Contents Saved	NA	NA	NA	NA	All	NA	NA	NA	NA	All	NA	NA	All
2400	***Recording Time (Min)***													
2405	16 KB recording	NA	NA	NA	NA	240	NA	NA	NA	NA	240	NA	NA	240
2410	32KB recording	NA	NA	NA	NA	120	NA	NA	NA	NA	120	NA	NA	120
2415	64KB recording	NA	NA	NA	NA	60	NA	NA	NA	NA	60	NA	NA	60
2420	***G700 Embedded Integrated VAL (Voice Annc. Over LAN) Announcements***													
2425	Channels per Board (playback ports)	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	15	15	NA
2430	Maximum Announcements per Board	NA	NA	NA	NA	128	NA	NA	NA	NA	256	256	256	NA
2435	Board Contents Saved	NA	NA	NA	NA	NA	NA	NA	NA	NA	all active boards	all active boards	all active boards	NA
2440	Recording Time per Board in minutes	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	20	20	NA
2445	***STATIONS (See Voice Terminals)***													
2450	***SYSTEM ADMINISTRATION***													
2455	# Of Login IDs: Customer + Service	11 + 5	20 + 5	11 + 5	20 + 5	11 + 5	11 + 5	20 + 5	11 + 5	20 + 5	50 + 5	50 + 5	11 + 5	11 + 5
2460	Admin History File Entries	500	1,250	500	1,250	500	500	1,250	500	1,250	1,800	1,800	500	500
2465	Simultaneous Administration Commands	1	5	1	5	1	1	5	1	5	10	10	1	1
2470	Simultaneous Maintenance Commands	1	5	1	5	1	1	5	1	5	5	5	1	1
2475	Simultaneous SM Sessions	5	8	5	8	1	5	8	5	8	15	15	15	5
2480	Number of Scheduled Reports	50	50	50	50	(note 58)	50	50	50	50	50	50	50	(note 58)
2485	Access Security Gateway Session History Log Entries	100	250	100	250	NA	100	250	100	250	250	250	100	NA
2490	***Max Ports on System (Stations and Trunks): (CSI) SI***	(1300) 2,800*	29,000	(1300) 2,800*	29,000	1,300	(1300) 2,800*	29,000	(1300) 2,800*	29,000	44,000	44,000	2850[71.1]	1,300
2495	***SPEECH SYNTHESIS CIRCUIT PACKS***													
2500	# of Speech Synthesis Circuit Packs	6	40	6	40	6	6	40	6	40	40	40	NA	6

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
2505	Channels per Speech Circuit Pack	4	4	4	4	4	4	4	4	4	4	4	NA	4
2510	***TERMINATING EXTENSION GROUPS (TEG)***													
2515	TEGs	32	32	32	32	32	32	32	32	32	32	32	32	32
2520	Users That May Share a TEG	4	4	4	4	4	4	4	4	4	4	4	4	4
2525	***TIME SLOTS36,37 (CSI) SI where applicable***													
2530	Simultaneous Ckt Switched Calls[36]	(242) 726	7,744	(242) 726	7,744	242	(242) 726	7,744	(242) 726	7,744	15,424	15,424	242	242
2535	Total Time Slots	(512) 1536	22,528	(512) 1536	22,528	512	(512) 1536	22,528	(512) 1536	22,528	32,768	32,768		512
2540	Time Slots for Voice & Data[38]	(484) 1452	21,296	(484) 1452	21,296	484	(484) 1452	21,296	(484) 1452	21,296	30,976	30,976	484	484
2545	Time Slots per Port Network	512	512	512	512	512	512	512	512	512	512	512	512/MG	512
2550	***TONE CLASSIFIERS***													
2555	Tone Receivers (General)[39]	200	840	200	840	200	200	840	200	840	1200	1200	12 / G700	200
2560	TTR Queue Size	4	4	4	4	4	4	4	4	4	4	4 (SCC/MCC)	NA	4
2565	Prompting TTR Queue Size	80	80	80	80	80	80	80	80	80	80	80 (SCC/MCC	NA	80
2570	***TRUNKS (CSI) SI where applicable)***													
2575	DS1 Circuit Packs (PRI/Station only, Total (PRI+Line-side DS1)	(8) 30	166 332[94]	(8) 30	166 332[94]	30*	(8) 30	166	(8) 30	166 332[94]	400 566[94]	400 566[94]	NA	30*
2580	Queue Slots for Trunks	198	1,332	198	1,332	198	198	1,332	198	1,332	4,000	4,000	198	198
2585	Measured Trunks In System	400	4,000	400	4,000	400*	400	4,000	400	4,000	4,000	8,000	450[71.1]	400*
2590	Max No. of Trunks in System	400	4,000	400	4,000	400*	400	4,000	400	4,000	4,000[102]	8,000	450[71.1]	400*
2595	Max. No. of IP Trunks in System	400	4,000	400	4,000	400*	400	4,000	400	4,000	12,000	12,000	450[71.1]	400*
2600	***Total PRI Interfaces***[40]	(8) 30	166	(8) 30	166	30	(8) 30	166	(8) 30	166	400	400	NA	30
2605	Qty Emulated Circuits per ATM CES	8	8	N/A	N/A	8	8	8	N/A	N/A	8	8	NA	8
2610	Qty of PRI D-channels per ATM CES	8	8	N/A	N/A	8	8	8	N/A	N/A	8	8	NA	8
2615	Max. Qty. ATM Interfaces used for CES per PN	2	2	N/A	N/A	2	2	2	N/A	N/A	2	2	NA	2
2620	Max. Qty. ATM Interfaces used for CES per System	(2) 6	88	N/A	N/A	2	(2) 6	88	N/A	N/A	88	88	NA	2
2625	Max. Qty. ATM Interfaces (CES+PNC) per system	(2) 6	176	N/A	N/A	2	(2) 6	176	N/A	N/A	88[103]	176	NA	2
2630	***BRI TRUNKS***[42]													
2635	BRI Trunk Circuit Packs	8	60	8	60	8	8	60	8	60	60	60	NA	8
2640	BRI Trunks - Total[42.1]	(160) 192	1,440	(160) 192	1,440	300	(160) 192	1,440	(160) 192	1,440	1,440	1,440	400[71.1]	300
2645	***ISDN Temporary Signaling Connections***													
2650	TSCs in System	656	4,256	NA	NA	656	656	4,256	NA	NA	8,256	8,256	656	656
2655	Call Associated TSCs	400	4,000	NA	NA	400	400	4,000	NA	NA	8,000	8,000	400[71.1]	400
2660	Non Call Associated TSCs	256	256	NA	NA	256	256	256	NA	NA	256	256	256	256
2665	Administered TSCs	128	128	NA	NA	128	128	128	NA	NA	128	128	128	128
2670	***Ringback Queue Slots***	198	1,332	198	1,332	198	198	1,332	198	1,332	1,332	1,332	198	198
2675	***Trunk Groups***													
2680	Trunk Grp Hourly Measurements	25	75	25	75	25	25	75	25	75	75	75	25	25
2685	Trunk Groups in the System	99	666	99	666	99	99	666	99	666	2,000	2,000	99	99
2690	Trunk Members in a Trunk Group	99	255	99	255	99	99	255	99	255	255	255	99	99

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
2695	***ISDN Services***													
2700	Incoming Call Handling Treatment (per Trunk Group)	18	54	18	54	18	18	54	18	54	54	54	18	18
2705	Incoming Call Handling Treatment (per System)	288	576	288	576	288	288	576	288	576	576	576	288	288
2710	User Defined Services	24	60	24	60	24	24	60	24	60	60	60	24	24
2715	Usage Allocation Entries (per Plan)	15	15	15	15	15	15	15	15	15	15	15	15	15
2720	***VOICE TERMINALS[43] (NOTE: The CSI station max is 900)***													
2725	Associated Data Modules (e.g. DTDMs)	800	7,500	800	7,500	800*	800	7,500	800	7,500	7,500	7,500	NA	800*
2730	BRI Stations[44]													
2735	Point-to-Point	(900) 1000	7,000	(900) 1000	7,000	1000*	(900) 1000	7,000	(900) 1000	7,000	4,000	7,000	NA	1000*
2740	Multipoint (Passive Bus)	(900) 1000	7,000	(900) 1000	7,000	1000*	(900) 1000	7,000	(900) 1000	7,000	4,000	7,000	NA	1000*
2745	Digital Stations[45]	(900) 2400	25,000	(900) 2400	25,000	900	(900) 2400	25,000	(900) 2400	25,000	4,000	36,000	2400[71.1]	900
2750	Display Stations	(900) 2400	10,000	(900) 2400	10,000	900	(900) 2400	10,000	(900) 2400	10,000	4,000	36,000	2400[71.1]	900
2755	IP Stations[45]	(900) 1500	10,000	(900) 1500	10,000	240/450[64]	(900) 1500	10,000	(900) 1500	10,000	12,000	12,000	2400[71.1]	240/450[64]
2760	Stations[46]	(900) 2400	25,000[59]	(900) 2400	25,000[59]	900	(900) 2400	25,000[59]	(900) 2400	25,000[59]	16,000[101]	36,000	2400[71.1]	900
2765	Sta. Button Capacity (K Units)[47]	662.4	5,260	662.4	5,260	656.4	662.4	5,260	662.4	5,260	17,496	17,496	662.4	656.4
2770	# Of Administrable Physical Buttons	54,400	430,000	54,400	430,000	54,400	54,400	430,000	54,400	430,000	1,440,000	1,440,000	54,400	430,000
2775	Station Button Feature Capacity[48]	15,900	15,900	15,900	15,900	15,900	15,900	15,900	15,900	15,900	15,900	15,900	15,900	15,900
2780	***VUSTATS***													
2785	Measured Agents or Login Ids	400	2000	NA	NA	100 [66]	400	2000	NA	NA	2000	2000	400[71.1]	100 [66]
2790	Measured Splits	99	600	NA	NA	99	99	600	NA	NA	600	600	99	99
2795	Measured Trunk Groups	32	32	NA	NA	32	32	32	NA	NA	32	32	32	32
2800	Measured VDNs	99	512	NA	NA	99	99	512	NA	NA	512	512	99	99
2805	***Reporting Periods***													
2810	Intervals	25	25	NA	NA	25	25	25	NA	NA	25	25	25	25
2815	Days	1	1	NA	NA	1	1	1	NA	NA	1	1	1	1
2820	***CMS Switch Links[87]***													
2825	R3V9 CMS	1 or 2	1 or 2	NA	NA	1	1 or 2	1 or 2	NA	NA	1 or 2	1 or 2	1 or 2	1
2830	R3V11 CMS	1 or 2	1 or 2	NA	NA	1	1 or 2	1 or 2	NA	NA	1 or 2	1 or 2	1 or 2	1
2835	***CMS Capacities***						R3V11							
2840		***MV***	***CMS Total***				***MV*** **(S8700)**	***CMS Total***						
2845	ACDs (multi-ACD configuration)	8	8				8	8						
2850	ACD Admin Log Records		30,000					30,000						
2855	Agent Traces Active		400					400						
2860	Agent Trace Records		500,000					500,000						
2865	Call Records (internal)		5,000					5,000						
2870	CWC[85]		1,999					1,999						
2875	Max. CWCs collected in the call record		1					6						
2880	Exception Records		2,000					2,000						

		RELEASES 9.5 and 10				Rel 10	MultiVantage (MV) Rel 1.2				MV1	MV1	MV1	MV1
		CATEGORY A		CATEGORY B			CATEGORY A		CATEGORY B		Rel 1.2	Rel 1.2	Rel 1.2	Rel 1.2
		Incl. ECS, ProLogix		Incl. BCS, Guestworks			Incl. ECS, ProLogix		Incl. BCS, Guestworks					
	ITEM	R9.5 & R10: CSI & SI	R9.5 & R10: R	R9.5 & R10: CSI & SI	R9.5 & R10: R	R10 DEFINITY ONE / S8100	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	G3 CSI & SI w/ CMC1 /MCC1	G3 R w/ SCC1 or MCC1	S8700 w/G600 w/G700	S8700 w/G700 w/SCC1 /MCC1	S8300 w/G700	S8100 w/CMC1 or w/G600
2885	Logged-in Agent/Skill Pairs over 8 ACDs	10,000	32,000[75]				60,000	100,000[75]						
2890	Login/Logout Records		999,999					999,999						
2895	Measured + Unmeasured Trunks[84]		20,000					40,000						
2900	Measured Trunk Groups		666					8,000						
2905	Simultaneous active client sessions86		400					400						

Avaya MultiVantage Software Release 1.2 Capacity Table Footnotes

Footnote Number:	***Detailed Description***
*****	***Software capacity limit cannot be achieved due to Hardware or Processor capacity limits for this platform.***
Note:	***IP-Connect in these footnotes refers to an S8700 Media Server with G600/G700 MGs; Multi-Connect refers to a configuration consisting of S8700 Media Server with G700/MCC1/SCC1 Media Gateways.***
1	There is no limit on the maximum number of auto dial buttons (other than the system limit on button capacity). See Station Button Capacity for system button limitations.
2	(Footnote removed)
3	(Footnote removed)
4	In the case of SCC/ESCC/CSCC, only 4 BX.25 physical links are supported in the configuration.
4.1	The number of TN799 circuit packs allowed per model is 30 for G3 CSI, G3 SI, and G3 R. The TN799 circuit pack has one Ethernet connection and 16 PPP connections. The sum of links via BX.25, PPP and Ethernet ports has to be less than the maximum number of communication-interface links per switch. IP Routes (with C-LAN) refers to the size of the IP routing table accessed by the "change ip-route" command.
4.2	Mode code integration with Intuity AUDIX is marketed only on G3 CSI models.
4.3	(Footnote removed)
4.4	Number of agent-split combinations supported. Agent-split pairs is the total combination used by ACD agents, Auto-Available Splits (AAS) ports (e.g., VRUs), non-ACD hunt groups (groups with or without queues, Message Center Service, INTUITY/AUDIX, Remote AUDIX, etc.). Each non-ACD hunt group member, AAS split member, and split assigned to an ACD agent is counted when administered.
4.5	The number of CMS adjuncts using CLAN for connectivity to the switch contributes toward the maximum capacity of TN799 circuit packs (CLAN) shown on line 1855.
4.6	These links can be administered over the CLAN TN799 circuit pack or traditional Data Modules.
5	An agent can be assigned more splits during administration but only this number can be simultaneously logged into.
6	The number of agents that can log into the same split/skill is limited by the maximum Members per Group limits. Maximum agent limits are reduced by the number of non-ACD members and AAS ports administered and, with non-EAS, the additional splits assigned to agents that are not logged into.
7	Queue slots are shared across non-ACD, ACD (splits/skills) and AAS hunt groups.
8	Plus up to 7 Inter-eXchange Carrier (IXC) digits.
9	This is the number of available 12-character inserted-digit-strings available for AAR/ARS preferences.
10	The number of attendant consoles listed is per software limitations. One console is supported per CMC without supplemental power.

11 The number of release link trunk groups counts towards the total number of trunk groups in the system.

12 "Maximum number of queue slots" is referred to as "emergency access queue length" in G3 SI.

12.1 The Monitor Split command shows the status for only the first 100 agents logged into the split, regardless of how many additional agents log into the split.

12.2 BCMS monitoring, being a maintenance command, is limited by the active maintenance commands limit, reduced by 2 in G3r and by 3 in the S8700 platform (since 2 active command slots are reserved for the INADS and SAT logins respectively).

13 Only EPNs in G3 R can be DS1-remoted EPNs. The numbers reflect the number of cabinets, not the number of EPNs.

14 NOTE: The CSI and SI configurations are represented in the same column; however EPNs are not applicable to the CSI configurations (including the ProLogix). They are applicable to the SI configurations only.

15 64 bridged appearances (principal + 63) are supported on all platforms when ASAI is not used. The capacity is 16 with ASAI (Category A only).

16 The number of call appearances is the sum of primary and bridged appearances; at most 10 can be primary. A maximum of 54 administrable buttons can be supported for the 7434 terminal without display.

The 8434 terminal with display and expansion module can support up to 52 call appearances.

17 Does not apply to conferencing.

18 (Footnote removed)

19 Shared extensions must be shared among all attendant groups in the system including Tenant Partition scenarios.

20 (Footnote removed)

20.1 VDNs are counted as part of the miscellaneous extensions capacity. The total of VDNs, hunt groups, announcements, LDNs, TEGs, PCOL groups, access endpoints, administered TSCs, and Code Calling IDs extensions and common shared extensions cannot exceed 20,317 for G3r. In addition, the total of stations (station extensions including ACD agent physical set extensions, Logical Agent IDs and AWOH) assigned and the VDNs assigned cannot exceed 25,000 for G3 R (share message server space). Also, the total of all extensions assigned for any purpose cannot exceed 36,065 for G3r. See the Dial Plan section for details.

20.5 BSR (Best Service Routing) application numbers and location numbers each are limited to 255.

21 Simultaneous 3-way Conference Call = ROUND_DOWN(484 / 3) times number Port Networks.

22 Simultaneous 6-way Conference Call = ROUND_DOWN(484 / 6) times number Port Networks.

23 (Footnote removed)

24 Total extensions is the count of all extension assignments for any use. Included in this count are “station extensions,” “miscellaneous extensions,” data extension groups (800 for G3 CSI and G3 SI, and 7500 for G3 R), PRI endpoint groups (8 for G3CSI, 25 for G3 SI and 50 for G3 R) and trunk group extensions (99 for G3 CSI and G3 SI, and 666 for G3 R).

The origin of this value (36,065) from pre-D93 development is as follows:
MAX_STATIONS + MAX_VDNS + TEGs + PHANTOM_ACA + DATA ENDPOINTS + FIXED TSCs + HNT_GRP =

25,000	+	3,000	+ 32	+	150	+	7500	+	128	+	255	=	36,065

This value has not been altered since pre-D93, but there were some differences in values of entities in the switch that require extensions. By R10, we reached 20,000 VDNs, 999 Hunt Groups, and 1,000 Announcements. The formula had to be altered to the following:

MAX (MAX_STATION, MAX_VDN)	+	TEGs	+	PHANTOM_ACA	+	DATA_ENDPOINTS	+	FIXED_TSCs	+	HNT_GRP	=
25,000	+	32	+	150	+	7500	+	128	+	999	= 33,309

A single system will not be able to support the maximum stations and VDNs simultaneously. By not adjusting the number downward we have gained 2,736 extensions, which allowed for the growth in announcements.

In R11, MAX_STATION increases to 36,000 which yields a total number of extensions of 44,809. The value of total # of extensions for G3 R is approximately 80% of "Station Extension" + "Misc Extensions,", we obtain the recommended number 49,828.

24.1 "Station extensions" consist of attendant extensions station set assignments (including ACD agent physical sets), AWOH (administration without hardware) and administered Logical Agent IDs extensions.

25 Miscellaneous extensions consist of VDNs, hunt groups, announcements, LDNs, PCOL groups, common shared extensions, access endpoints, administered TSCs, Code Calling IDs, TEGs, Paging zones, and Phantom ACAs.

In Pre-D93, these values were:
(VDN=3000) + (HNT_GRP=255) + (ANN=256) + (LDN=20) + (PCOL=200) + (Common_Shared = 40) + (ACCESS_END=666) + (Fixed TSCs = 128) + (Code Calling = 125) + (TEGS = 32) + (Paging = 9) + (Phantom = 150) = 4,881 (Theoretical Maximum).

The value of 70% of the theoretical maximum is 3,417. The actual calculation was perform as:
2/3(VDNs) + 70% * (all the rest) = 2/3 (3000) + 0.7 * (1881) = 2000 + 1317 = 3,317.

Note that Access Endpoints are actually tied to the number of trunks, not the number of trunk groups. If the value of Trunks (4000) is used, then the theoretical maximum is 8,215 which means MAXMISC (3,317) is 40% of the theoretical maximum, which is inconsistent with the definition in sys_param.i/_mips.h. So, the effective percentage of MAXMISC to theoretical maximum is 68%

By R10, VDNs were increased to 20,000. Miscellaneous extensions was increased to 20,317. The previous value already contained 3,000 VDNs, but rather than add 2/3 of the 17,000 difference, the complete value was added. The theoretical maximum then was 4881+17000 = 21,881, so 20,317 is 92%.

Also by R10, the following values were increased:
(Common Share ext = 80), (Announcements = 1000), (Hunt Groups = 999), (Access Endpoints = 4000) and (LDNs = 100). The R10 G3r theoretical maximum (correcting for Access Endpoints) was 26,823, and 20,317 is approximately 76% of theoretical maximum.

In R11, in addition to the previous increases, the following values were increased:
(Announcements = 3000) and (Access endpoints = 8000). The theoretical maximum is 32,823, and 80% of the theoretical maximum is a MAXMISC of 26,258.

26 (Footnote removed)

27 Integrated Directory Entries = Stations + Attendant Consoles.

28 Number of Names = number of stations + attendant consoles + trunk groups + digital data endpoints + miscellaneous extensions.

28.1 Total of the administered Login ID skill-pair members (for agents and AAS ports).

28.2 (Footnote removed)

28.3 Number of agent-skill combinations supported. When the switch release is on the G3vs/CSI/SI platform, CMS will assume the larger G3R capacity. Agent-skill pairs is the total combination used by ACD agents, Auto-Available Skills (AAS) ports (e.g., VRUs), non-ACD hunt groups (groups with or without queues, Message Center Service, INTUITY/AUDIX, Remote AUDIX, etc.). Each non-ACD hunt group member and AAS skill member is counted when administered. Each skill assigned to an EAS agent is counted as an ACD member when the EAS agent logs in, not when administered.

28.4 This limit can be reached only if 4 skills or less are assigned per Login ID due to the ACD Members Administered (Login ID-skill pair) limits. The following shows the Login ID limits for different number of skills per Login ID:

Maximum Login Ids With:	R9/R10/MultiVantage, CSI/SI, S8100	R9/R10/MultiVantage, S8300/G700
1 to 4 Skills Each	1,500	10,000
10 Skills Each	600	6,500
20 Skills Each	300	3,250

28.5 Hunt group members include non-ACD (hunting, Message Center Service, Intuity/AUDIX, Remote AUDIX, etc.) and ACD uses (splits or skills including Auto-Available Splits/Skills). Each ACD agent-split/skill assignment counts as a hunt group member.

29 Last Number Dialed Entries = Stations + Digital Data Endpoints + Attendant Consoles

31 Intuity supports 20 DCS nodes.

32 These numbers are node number addresses.

33 (Footnote removed)

34 Only port slots are included in this count. For example, there are 100 slots per MCC EPN cabinet with 99 port slots and one slot dedicated for the Tone Clock board. There may be other service circuits required which would further reduce the number of port slots available. In G3r and G3SI MCC port carriers, the service slots may be equipped with service boards that do not require tip and ring connections.

35 (Footnote removed)

36 242 Simultaneous Circuit Switched Calls per port network. G3 R has a total of 7,744 simultaneous voice/data/video calls, which is limited by the number of call records supported. Multimedia calls tend to be multi-party calls. See DEFINITY Hardware and Traffic Guidelines for further details.

37 The G3 CSI supports PRI D-Channels over the TDM bus. Each D-Channel for PRI uses one timeslot pair. For each D-Channel used, subtract two timeslots from the total available for voice and data conversations.

38 484 time slots for voice and data per port network.

39 The switch uses the TN744 Call Classifier/Detector for basic TTR usage as well as call prompting/call classification/MFC. In addition, the TN2182 Tone/Clock/Detector is used for multiple tone detection functions. The number of TN748, TN420, or TN744 boards is limited only by the number of available slots. The number of TN2182 boards is limited only as described in DEFINITY Hardware and Traffic Configuration Guidelines. There is a single limit on the total number of tone receiver (classifier) ports for the system.

1. TN748/TN420 have 4 ports for TTR use

2. TN748/TN420 have 2 ports for GPTD use
3. TN744 has 8 ports for call prompting/call classification/MFC/TTR/GPTD use
4. TN2182 has 8 ports for call prompting/call classification/MFC/TTR/GPTD use
5. On the G700s: there can be a maximum of 12 Tone Receivers per G700.

40 Counts towards the total number of DS1 circuit packs.

41 Total number of Measured Trunks on the G3 CSI is 400. However the limit as per the G3 CSI Offer Document is 390. The same holds true for the Total number of IP Trunks.

42 The TN2185 BRI Trunk circuit pack provides 8 ports. The TN556B and TN2198 provide 12 ports. Each port (2B + D) provides 2 BRI trunks.

42.1 A G3 CSI is limited to 512 Data Link Connection Identifiers (DLCI), of which only 320 may be used for BRI trunks. Each BRI port takes 4 DLCIs, so that allows for 80 ports. Since each “port” is really 2B+D, there are two BRI trunks per port. So 80 ports equates to 160 BRI trunks. However, since the system-wide trunk maximum is 100, the maximum BRI trunks for G3 CSI is also 100. For the S8300, it is 400 since the system maximums for S8300 follow the G3SI maximums.

42.2 (Footnote removed)

43 NOTE: The Station user maximum for CSI configuration is 900 (not 2400). All other maximums are that of the SI configuration.
The following items reduce the total number of available "Stations" on a switch:

1. Analog Music-On-Hold
2. Attendants
3. Modem Pool Conversion Resources
4. TAAS Port
5. Stations (Digital, display, BRI, etc.)
6. Analog Announcements
7. Analog External Alarm Port
8. Agent Login Ids
9. ACD Agents

These items constitute all the valid objects within software that limit the number of available stations on a switch. Attendant Consoles and Stations are not the only objects that reduce the total number of available stations on a switch. See the Dial Plan section of the Capacities Table for more details.

44 All BRI stations can be display stations.

45 Capacities depend upon the release/version of IP phones.

45.1 The "Logged-In IP Softphone Agents" field on the customer options form, which counts for display purposes the ACD agents (either non-EAS or EAS) logging in with IP softphones, is set by the RFA/License File plug-in to the lesser of the two: "Logged-in ACD Agents" field, and the "Maximum Concurrently Registered IP Stations" field.

46 Including extensions administered without associated hardware. See the Dial Plan section of the Capacities Table for more details.

47 "Station Button Capacity (units)" replaces "Maximum Button Modules" (from pre-R1V5.1).

48 The following button features share a common resource in memory:

1. Call Forwarding All
2. Call Forward Busy Don’t Answer

3. Send Extension Calls (SAC with extension)
4. Station Busy Indicators
5. Trunk Group Status
6. Hunt Group Status
7. Loudspeaker Paging Zone Status
8. PCOL Group Status
9. Data Module
10. Terminating Extension Group Status
11. Announcement Status
12. Attendant Group Status/DXS
13. Remote Trunk Group Select

49 For G3 R, TN789 Radio Controller Circuit Packs cannot be used in DS-1 remote EPNs.

50 Due to downlink buffer overflow problem, the Group Page with Speakerphone feature does not work with TN754A or TN754B. Minimum vintage of TN754C is required. Earlier vintage boards may cause lost messages, pages not terminating, phantom ringing, invalid displays etc.

51 As of Oct. 2002, the DWBS system is being discontinued. The in-building system that replaces the DWBS is provided in collaboration with SpectraLink®. There are 2 offers: the 900 MHz system, and the 24GHz system called the IP Wireless Telephone System. The 900 MHz phone (3410) is administered on the MV as 8410; the 2.4GHZ phone (3606) is administered as 4606. As a result the SpectraLink® wireless user maximum is based on the station user maximum for each of the platforms.

52 (Footnote removed)

53 Stores CDR records on the local hard disk.

54 The system uses two files to store and control CDR records. One file is named cdr.out and the other cas.in. Both files are in the directory d:\AvayaData\CDR. Every 10 minutes, the system checks for the presence of the file cas.in. If the file cas.in is NOT present, the system will rename the cdr.out file to be cas.in and will create a new cdr.out file. If the cdr.out file reaches a size of 100,000 bytes or contains 1000 records, the system will stop writing records and begin buffering records internally. Once 500 records have been buffered internally, new records are discarded. Data is lost.

The call accounting system should delete the file cas.in when it is ready to accept a new set of cdr records. Within 10 minutes, the system will rename the cdr.out file to cas.in as explained above (assuming the cdr.out file is not empty). As soon as the cas.in file appears, the call accounting system may process the records and then delete the cas.in file again.

The call accounting system MUST process the records at a rate to match the expected switch call rate in order to not lose data.

55 (Footnote removed)

56 (Footnote removed)

56.1 Saved on TN750C only.

57 (Footnote removed)

58 Reports are not produced via the system, but through ASA. There is no limit to this activity in ASA.

59 The total number of stations (station extensions including ACD agent physical set extensions, Logical Agent IDs and AWOH) assigned and the VDNs assigned can not exceed 25,000 for G3r (share message server space). Dial plan limits also apply.

60 The signaling connections are shared by ISDN, ATM trunk signaling, and IP signaling groups. This number is the maximum number of DS1s and the number of support Remote Offices.

61 (Footnote removed)

62 (Footnote removed)

63 Maximum number of IP ports is 408. Total combined IP trunks and stations cannot exceed maximum number of IP ports. Value of 168 for IP trunks is the recommended limit. Value of 240 IP stations is the recommended limit. (See note 64.)

64 Maximum of 240 IP stations for Avaya™ S8100 Media Server with Avaya™ CMC1 Media Gateway (DEFINITY ONE), 240 IP stations for Avaya™ S8100 Media Server with Avaya™ G600 Media Gateway (IP600) with embedded messaging enabled, and 450 IP stations for S8100 with G600 with embedded messaging disabled.

65 (Unused)

66 Logged-in Agent capacity is limited by the offer via the Logged-In Agent customer option. See the S8100 with CMC1 or S8100 with G600 Offer Definition for details.

67 Must be an Avaya™ MCC1 Media Gateway (MCC cabinet) for more than one port network per cabinet.

68 Must be increased to support the 10,000 personal lists, and 100 group lists, 1 system list, 2 enhanced lists (implementation as 2 lists rather than 1).

69 This amount would allow users to have the 20,000 Enhanced AD entries (implemented as 2 lists), 10,000 personal lists with 20 entries each rather than 100, a System list of 100, and 100 Group lists with 100 entries each. This would max out at 230,100 entries that could be made the max instead of 250,000.

70 It may be preferable to implement the 10,000 additional Enhanced AD Entries on a second list rather than expanding the 1 Enhanced AD list. To expand the 1 list would require users to enter 5 digits when dialing via FAC. Creating 2 separate lists allows 4-digit dialing via FAC to remain.

Notes 71 and its sub-notes (71.1, 71.2 and so on) are related to the S8300w/G700 ICC platform.

71 The S8300 w/G700 has an in-born capacity similar to that of a G3 SI when the Internal Call Controller is in use. When the G700 Media Gateway is being controlled by another platform, the administration of the G700 Gateway counts against the MG capacities already defined for that platform.

71.1 The maximums set by MultiVantage software are different from the supported configurations in the various releases. The following table provides the MultiVantage offer details. Many other system-wide variables such as Abbreviated Dialing Lists, Coverage Paths, and Maximum Logged-in ACD agents, EC500, etc. are impacted by these offer-specific limits. Such entries point to this footnote for this reason.

Also, the number of supported media gateways limits the entry in the "Total Number of Integrated Boards And/Or Embedded Virtual Announcements Boards" field for the S8300 ICC platform, 1 per media gateway. For the number of media gateways supported, see the following table.

Multi-Vantage	Media Gateways	No. of Trunks	No. of Stations	Notes
Release 1.1	1 G700 Media Gateway	100	100	No LSP
Release 1.2	5 G700 Media Gateways	250	250	LSP for survivability: 1 per each MG.

Release 1.3	50 G700 Media Gateways	400	450	Distributed; with LSP (1 LSP controlling 10 MGs).

Voice Over Internet Protocol (VOIP) Engine Capacities: Each VOIP Engine supports 32 DSP VOIP Ports.
In a Configuration with ICC: One VOIP engine is included on the main ICC. 3 more VOIP Engines can be added for increasing the call capacity, for a maximum of 4 VOIP Engines.
In a Configuration without ICC: Each Media Gateway can support up to 5 VOIP Engines.
This is limited by the number of available Media Module slots that are populated with VOIP Engines. The following table provides VOIP Engine Capacities.
NOTE: This table applies to all releases of S8300 w/MG700.

VOIP Capacity of a Single Media Gateway (MG) with and without Internal Call Controller

Description	**VOIP Engine and Call Capacities** The column with the ( ) Applies to "Without ICC" Configuration only, which supports 5 MGs					**Constraining Factor**
Number of VOIP Engines Installed in a Single MG → / Type of call | \/	1	2	3	4	**(5)**	
IP Phone to Legacy Station, Analog Trunk or E1/T1 Facility	32	64	96	128	**(160)**	Simultaneous 2-Way Conversations limited by the VoIP Engine (Note B). Includes call progress tones
IP Phone to IP Phone 2-Way Conversations						Dependent on (1) Ability of the IP phones to Shuffle (2) Performance of the LAN
IP Phone to IP Phone 2-Way Conversations that require Hair Pin capability	64	128	192	256	**(320)**	(1) Limited by the VoIP Engine (2) Performance of the LAN
IP Phone to IP Phone 3-Way Conference	10	21	32	42	**(53)**	Simultaneous 3-Way Conversations Limited by the VoIP Engine (Note A)
Transcoding IP to IP phone (from G711, G729 and G723)	32	64	96	128	**(160)**	Simultaneous 2-Way Conversations Limited by the VoIP Engine (Note A)

Note A: It is important to note that calls between IP Phones depends on (a) the ability of IP Phones to shuffle and (b) the performance of the LAN.
Note B: The maximum cannot be reached simultaneously with all types of calls that require a VOIP Port.

On each Media Gateway, 512 Time-Slots are available, out of which 40 time-slots are used for Call Progress Tones. Each Media Gateway can support a maximum of 236 simultaneous Non-IP connections (472 total time-slots divided by 2 time-slots per call).

71.2 On the S8700/G700 Multi-connect and IP-connect platforms, 100 MGs is the committed capacity increase for Release 1.3 of MultiVantage but the goal is to support 250 MGs.

72 For use of Co-Resident DLG, you must install a CLAN interface for the G3 CSI, G3 SI, S8100 with CMC1, and S8100 with G600 platforms in order to take advantage of the CLAN bus bridging. The bus bridging provides 1 TDM timeslot, which is 64 kbits, thus producing 4 ASAI links (ASAI links are 16 kbits).

73 QSIG integrated nodes are not limited by a fixed node capacity. However, the size of a QSIG network is limited by physical connectivity and the inter-switch dial plan limitations based upon the customer configuration. With the use of AAR dialing, it is possible to address another user within a QSIG network with up to a 20-digit number, so it is possible to have large QSIG networks.

74 When this threshold has been reached, the link is temporarily busied out. There is no user intervention required to re-establish the link.

75 This CMS limit is the maximum number of CMS measured agent-split/skill pairs (including AAS ports) that can be logged-in across 8 ACDs. Capacities for R3V11 assume a limit of 100K agent-skill pairs. Increased agent-skill pair capacity on CMS will increase CMS platform requirements.

75.1 For Category B only: BCMS allows a maximum of 25 agents to be Measured, although the System maximum for the number of Logged-In Agents may be more.

76 The line item applies to hybrid QSIG/DCS networks. The QSIG portion of the network is unrestricted with respect to the number of nodes (see note 73). The DCS portion, however, is restricted to the DCS node limitations that already exist. Note that a switch that acts as a gateway (both DCS and QSIG links) deducts from the overall DCS node limit.

77 R6.3.2.CSI and later without the C-LAN board supports 120 messages/sec. R7CSI and later, with C-LAN, supports 240 messages/sec. The system limit is 240 messages/sec.

78 (Footnote removed)

79 The values delineated here are on a per G700 gateway. Each G700 has its own embedded voice announcement capability up to a system maximum level of 10. This maximum is not currently achievable since you can only stack 8 G700 chassis together via the Cajun octaplane cabling.

80 If the capacity of CMS exceeds the capacity of the DEFINITY ECS or MultiVantage (for a single ACD configuration), the DEFINITY ECS or MultiVantage capacity takes precedence. Additional capacity is provided to support the optional Multi-ACD CMS configuration. The capacities shown for CMS represents the total capacity across all ACDs (total of 8) supported in a Multi-ACD configuration.

81 64 is the maximum for number of CLAN boards on all platforms for MultiVantage; however, the largest supported configuration contains 40 CLANs.

82 The S8700 platform does not support the TN750C announcement board. Customers must upgrade to the VAL (Voice Announcement on LAN) board for announcement capability.

83 AAS ports are included in the ACD Members, Logged-In Agents and Logged-In IDs Staffed counts on DEFINITY ECS. Only measured logged-in ACD agent-split/skill pairs (including AAS ports) are counted towards the CMS limits.

84 CMS requires allocation of trunk data structures called “unmeasured trunks” for tracking of agent-to-agent, bridging, conference, and transfer call sequences that use capacity from the total indicated. The recommended assignment per ACD for “unmeasured trunks” is 25% of the measured trunks.

84.1 Based on performance studies, the agent/skills pairs capacities for CMS vary depending on the hardware platform. These capacities are recommendations only and will not be enforced in the CMS software. The

hardware platform specifics are as follows:

CMS Hardware Platform	CMS per ACD Limit	CMS Total Limit
Ultra 5	32,000	32,000
SunBlade	50,000	50,000
E3000 single processor	32,000	32,000
E3000 dual processor	50,000	50,000
E3500 dual processor	60,000	75,000

85 Maximum number of call work codes that can be stored in the call work code tables on CMS. This is not the maximum number that can be collected in call records.

86 Each client session may include CMS ASCII terminals (max. of 250), Supervisor, Visual Vectors and Network Reporting clients.

87 Dual links to CMS require C-LAN TCP/IP.

88 Support for Mode 2 backup and restore is not provided in the S8700 Multi-Connect and S8700 IP Connect platforms.

89 With VAL (TN2501AP) boards, announcements are recorded as MS Windows wave files (*.wav) and can be transferred via FTP to and from the board on a per file basis to a client PC using LAN connectivity. Backup and restore is accomplished via FTP of all the files on each board to-from the client PC.

90 The TN2501AP VAL boards do not use compression to store announcements. All announcement files are 64 Kbps PCM wave files (CCITT u-law/a-law, 8 KHz sampling, 8-bit mono). Announcement file storage requires 8 Kbytes per second of recording time plus about 30 bytes for the header.

91 (Footnote Removed)

92 (Footnote Removed)

93 The system requires a fixed length account code between 1 and 15 unless SA 7991 “Variable Length Account Codes” has been activated.

94 An additional 166 DS1 interfaces are permitted in the system if SA 7491 is enabled; however, these additional DS1 interfaces can only be used for Line Side DS1 connections, not as trunks.

95 A total of 25,000 facility busy indicators are available for the G3r and S8700 Multi-Connect and S8700 IP Connect platforms when SA7994 is enabled.

96 A total of 80,000 UDP entries are available on the G3r when SA7948 is enabled.

97 A total of 10,000 remote coverage points are available on the G3r and 2,000 remote coverage points are available on the G3CSI and G3SI platforms when SA8467 is enabled. The S8700 Mulit-Connect and S8700 IP Connect platforms support 10,000 remote coverage points as standard.

98 A total of 2,000 coverage paths are available on the G3CSI and G3SI platforms when SA8467 is enabled, and 9,999 coverage paths on the G3r, S8700 IP Connect and S8700 Multi-Connect when SA8467 is enabled. Although the S8300 ICC platform maximums are based on the G3SI limits, the maximums for the S8300 platform is determined by the Offer limits, which may be lower than the system-defined maximum. Please see Note 71.1 for details.

99 Prefixed extensions can take any length between 2 and 6 digits. Only regular extensions can be of 7 digits in length. The prefixed extension length refers to the number of dialed digits, not the true extension length. For prefixed extensions of length 2-6, their corresponding administered true extension lengths range from 1-5.

100 In the code base, this number is known as MAXDAC, the maximum number of dial access codes that are commonly referred to as Feature Access Codes.

101 The 8700 IP-connect currently shares the same maximum as 8700 Multi-connect, but the offer will be limited to 16,000 as its maximum station size. The 16,000 limit is on a system that has 12,000 IP endpoints, and 4,000 traditional station endpoints including BRI, Analog, and DCP.

102 This value is the total number of traditional trunks permitted in the system. IP trunks do not count towards this number.

103 S8700 IP Connect does not support ATM PNC connectivity.

104 The administrative limit for EC500 mappings is half the Station User Maximum, for each of the target systems. However, it is possible to run out of station records before this limit is reached if configuring the EC500 users in a typical bridging arrangement that requires 3 station records per EC500 user (1 Principal desk set, and 2 XMOBILE stations as bridges of the 2 Call Appearances of the Principal).
Also see Footnote 71.1. EC500 maximums depend on, and are gated by, the offer limits for the station maximums for the specific platforms.

105 Station users administered with the EC500 capability count towards the station user maximums set by the offer limits. But this offer limit does not include the XMOBILE mappings. The XMOBILE mappings are gated by the software-defined station user capacity. The offer-limit based maximum EC500 users for S8300, for the various releases are as follows: max 125 EC500 users in Release 1.2; max 225 EC500 users in Release 1.3.

106 Locations administration allows for remote Port Networks as well as Remote Offices and Gateways to have slightly variant administration than the PPN or Controller. The Location administration allows for Time of Day Offset, Area Code, and Daylight Savings Rules to be applied differently at the various locations. These location values can also be used in AAR/ARS administration to make location specific route selection. Locations include EPN as well as gateways, but there are some limitations. Though the S8700 platform can support 64 EPN as well as 250 Remote Offices, the maximum number of locations is limited to the maximum number of port networks.

There are also some limitations with respect to Call Center CMS. V11 CMS supports up to 44 location Ids. The switch (ACD software) maps any location Ids above 44 to the location ID 0 in agent and trunk event messages to CMS.

107 Only with ADJLK (CVCT).

108 8 links are possible; a CLAN board is necessary to get the full bandwidth.

109 120 applies to configuration with MAPD only; 200 or 240 applies to configuration with MAPD and CLAN.

110 (Footnote Removed)