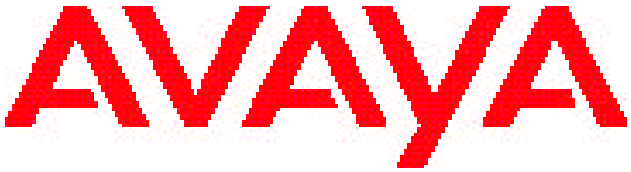

Avaya Communication Manager

System Capacities Table

Release 2.1
555-245-601
Issue 2
June 2004

Symbols and naming conventions used in the tables:

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

Release 2.1 Enhancements:

1) The S8700 IP-Connect system capacities are the same as for S8700 Multi-Connect systems. **NOTE**: Since the table contains capacities for both 2.0 and 2.1, 2 separate columns for IP-Connect and Multi-Connect are still maintained.

2) The S8100 Media Server will not be offered running Communication Manager 2.1. However CM2.0 will continue to be offered on the S8100.

3) G350 in Call Center Applications: Release 2.1 enhancement is that G350 can be used in both ICC (S8300/G350) and ECC (as Media Gateway and LSP) configurations starting with 2.1 CM. Also see footnotes [ ] and [ ] that are applicable to all H.248 Media Gateways.

	Avaya Communication Manager	**ACM Rel. 2.0/2.1**	**ACM Rel. 2.0/2.1**	**ACM Rel. 2.0/2.1**	**ACM Rel. 2.0/2.1**	**ACM Rel. 2.0/2.1**	**ACM Rel. 2.0**	**ACM Rel. 2.0/2.1**
		G3 CSI & SI	**S8700 IP Connect**	**S8700 Multi Connect**	**S8500 [71.3]**	**S8300 /G700**	**S8100**	**S8300 /G350 (See Note 4)**
	ITEM	**w/ CMC1 /MCC1, SCC1**	**w/G350, G600, G650, G700**	**w/G350, G650, G700, SCC1, MCC1**	**w/G350, G600, G650, G700, SCC1, MCC1, CMC1**	**w/G350, G700**	**w/CMC1 w/G600**	**No subtend-ing Media Gateways**
	Note 1: Refer to line 2815 for maximum number of physical terminals.							
	Note 2 For Rel 2.0 and Beyond only: For the S8500 Platform: The System Software Capacities are the same as for the S8700 platform, from the Avaya Communnication Manager perspective.							
	Note 3: The CSI and SI are represented in the same column. The 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 4: An asterisk (*) indicates that the software-defined capacity can not be reached due to HW or Processor capacity limits for the platform.							
	Note 5: This column reflects G350 as an ICC (S8300/G350) - not as LSP. In Release 2.0 the G350 ICC (1) does NOT support subtending Media Gateways (2) does NOT support Octaplane and (3) Capacities for G350 as ICC is different from G350 as an LSP. For Release 2.1 and beyond: G350 (Both ICC and ECC) supports Call Center applications. See the policy statement in the cover memo and in footnote 71.4 for details. An ICC processor used as an LSP has the same support capacities as the primary server.							
	Note 6: Regarding the G3 R platform in Release 2.0 and beyond, please see the attached Introduction section.							
	Note 7: The S8100 Media Server is NOT OFFERRED with CM SW Rel. 2.1 and beyond. However S8100 continues to be supported and offered with CM 2.0. Also see Introductory Memo of this document.							
	Note 8: For the S8300 Offer (with G350 and G700): Due to memory needs, Release 2.1 and beyond requires the S8300B board if configured as ICC or LSP.							
10	***ABBREVIATED DIALING***							
15	AD Lists Per System: (CSI) SI	(2,400*) 2,400	11,003[68]	11,003[68]	11,003[68]	2,400	2,400*	2400 *
20	AD List Entry Size	24	24	24	24	24	24	24
25	AD Entries Per System	12,000	250,000[69]	250,000[69]	250,000[69]	12,000	12,000*	12000*
30	***ABBREVIATED DIALING BUTTONS [1]***							
35	Entries per System[1]	Footnote 1	Footnote 1	Footnote 1	Footnote 1	Footnote 1	Footnote 1	Footnote 1
40	Enhanced List (System List)	1	2[70]	2[70]	2[70]	1	1	1
45	Max. entries	10,000	10,000	10,000	10,000	10,000[71.1]	10,000	10,000[71.1]
50	Group Lists	100	1,000	1,000	1,000	100	100	100
55	Max. entries	100	100	100	100	100	100	100
60	Group lists / extension	3	3	3	3	3	3	3
65	System List	1	1	1	1	1	1	1
70	Max. entries	100	100	100	100	100	100	100
75	Personal Lists (CSI: *)	(2,400*) 2,400	10,000	10,000	10,000	2,400	2,400*	2,400
80	Max. entries	100	100	100	100	100	100	100
85	Personal lists / extension	3	3	3	3	3	3	3
90	***ANNOUNCEMENTS: See Footnote 105, and also info under the following: ACD, Call Vectoring, Hunt Groups, Recorded Announcements and S8300 Specific Capacities***							
95	***APPLICATIONS ADJUNCTS (CSI) SI entries where different***	(CSI) SI						
100	CallVisor ASAI Adjuncts	8	16	16	16	16	8	16 [5]
105	Asynchronous Links (RS232)	(5) 9	10	10	10	9	NA	9
110	Asynchronous Links (CLAN)		10	10	10		NA	
115	CDR Output Devices[4.6]	2	2	2	2	2	Footnote 53	2
120	Journal Printers : System Printer[4.6]	2:1	2:1	2:1	2:1	2:1	NA	2:1
125	Property Mgmt Systems[4.6]	1	1	1	1	NA	NA	NA

	Avaya Communication Manager	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0	ACM Rel. 2.0/2.1
		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
130	***CCS (Converged Communication Server) for SIP features and services: See Section on SIP***							
135	***Communication Manager API***							
140	CMAPI Servers per ACM	NA	15	15	15	15	15	15
145	***Adjunct Links***							
150	Maximum Links[4.1]	25	33	33	33	25	25	25
155	BX.25 Physical Links[4]	(NA) 8	NA	NA	NA	NA	NA	NA
160	PPP Links/switch using CLAN board[4.1]	25	33	33	33	NA	25	NA
165	IP Routes (with C-LAN)[4.1]	400	650	650	650	NA	400	NA
170	***VOICE PROCESSING ADJUNCTS***							
175	***Traditional AUDIX***	(NA) 1	8	8	8	1	NA	1
180	***EMBEDDED AUDIX***	1	NA	1	1	1	NA	1[71.4]
185	EMBEDDED AUDIX DCP Emulation	1	NA	1	1	NA	NA	NA
190	DEFINITY AUDIX Control Link	(NA) 1	NA	NA	NA	NA	NA	NA
195	***INTUITY AUDIX***						NA	
200	INTUITY AUDIX (Via Mode Code)	1[4.2]	1[4.2]	1[4.2]	1[4.2]	1[4.2]	NA	1[4.2]
205	INTUITY AUDIX (Via BX.25)	(NA) 1	NA	NA	NA	NA	NA	NA
210	INTUITY AUDIX (Via TCP/IP)	1	8	8	8	1	NA	1
215	INTUITY AUDIX (MAPD)	1	1	1	1	NA	NA	NA
220	Mode Code Voice Mail Systems	1[4.2]	1[4.2]	1[4.2]	1[4.2]	1[4.2]	NA	1[4.2]
225	DEFINITY ONE/IP600 Co-resident AUDIX	NA	NA	NA	NA	NA	1	NA
230	***OTHER ADJUNCTS***							
235	CMS X.25 Adjunct (PI/PGATE)	(NA) 1	NA	NA	NA	NA	NA	NA
240	CMS C-LAN Adjuncts[4.5]	2	2	2	2	NA	1	NA
245	BX.25 Processor Channels	(NA) 64	NA	NA	NA	NA	NA	NA
250	BX.25 Hop Channels	(NA) 64	NA	NA	NA	NA	NA	NA
255	TCP/IP Processor Channels (Includes Gateway Channels)	(128) 256	384	384	384	128	128	128
260	***AUTOMATIC CALL DISTRIBUTION (ACD) NOTE: See end of table for CMS adjunct capacities. Also as per Note 4, in Release 2.0, the S8300/G350 DOES NOT support ACD features and services; so this whole category is NA (NOT APPLICABLE) to the S8300/G350 offer.***							
265	Announcements per Split	2	2	2	2	2	2	2
270	Announcements per System	128	3,000	3,000	3,000	3,000	128	3,000
275	Splits	99	2,000	2,000	2,000	99	99	99
280	ACD Members per Split	200	1,500	1,500	1,500	200	200	200
285	Max. Administered ACD members[4.4]	1,000	60,000	60,000	60,000	1,000	1,000*	1,000
290	Logged-In Splits per Agent[5]	4	4	4	4	4	4	4
295	***Max. logged-in ACD agents (per system) when each logs into:*** [6]							
300	1 Split	500	5,200	5,200	1,000 [66]	450 [66]	100 [66]	N/A
305	R3V9 CMS (See Note 80)	32,000	32,000	32,000	32,000	32,000	32,000	N/A
310	R3V11/R12 CMS (See Note 80)	41,600	41,600	41,600	41,600	41,600	41,600	N/A
315	2 Splits	500	5,200	5,200	1,000	450	100	N/A
320	R3V9 CMS (See Note 80)	32,000	32,000	32,000	32,000	32,000	32,000	N/A
325	R3V11/R12 CMS (See Note 80)	41,600	41,600	41,600	41,600	41,600	41,600	N/A
330	3 Splits	333	5,200	5,200	1,000	333	100	N/A

	Avaya Communication Manager	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0	ACM Rel. 2.0/2.1
		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
335	R3V9 CMS (See Note 80)	26,664	26,664	26,664	26,664	26,664	26,664	N/A
340	R3V11/R12 CMS (See Note 80)	33,333	33,333	33,333	33,333	33,333	33,333	N/A
345	4 Splits	250	5,200	5,200	1,000	250	100	N/A
350	R3V9 CMS (See Note 80)	20,000	20,000	20,000	20,000	20,000	20,000	N/A
355	R3V11/R12 CMS (See Note 80)	25,000	25,000	25,000	25,000	25,000	25,000	N/A
360	Queue Slots per Group[7]	200	999	999	999	200	200	N/A
365	Queue Slots per System[7]	1,500	25,000	25,000	25,000	1,500	1,500	N/A
370	***ARS / AAR***							
375	AAR/ARS Patterns (Shared)	254	999	999	999	254	254	254
380	Number of entries in ARS/AAR Analysis Tables (ARS/AAR Tables: 1 per location: S8700/8500: 250; S8300: 50)	2,000	8,000 [111]	8,000 [111]	8,000 [111]	4,000	2,000	4,000
385	Choices per RHNPA Table	12	24	24	24	12	12	12
390	Digit Conversion Entries	400	4,000 [111]	4,000 [111]	4000 [111]	2,000	400	2,000
395	***AAR/ARS Digit Conversion***							
400	Digits Deleted for ARS/AAR	28	28	28	28	28	28	28
405	Digits Inserted for ARS/AAR	18	18	18	18	18	18	18
410	***AAR/ARS Sub-Net Trunking***							
415	Digits Deleted for ARS/AAR[8]	28	28	28	28	28	28	28
420	Digits Inserted for ARS/AAR	36	36	36	36	36	36	36
425	Entries in each RHNPA Tables	1,000	1,000	1,000	1,000	1,000	1,000	1,000
430	Facility Restriction Levels (FRLs)	8	8	8	8	8	8	8
435	Inserted Digit Strings[9]	1,200	3,000	3,000	3,000	1,200	1,200	1,200
440	***Patterns for Measurement***							
445	Shared Patterns for Measurement	20	25	25	25	20	20	20
450	Rel 2.0 RHNPA Tables	32	32	32	32	32	32	32
451	Rel 2.1 RHNPA Tables	32	250	250	250	32	32	32
455	Routing Plans	8	8	8	8	8	8	8
460	ARS Toll Tables	32	32	32	32	32	32	32
465	Entries per Toll Table	800	800	800	800	800	800	800
470	Trunk Groups in an ARS/AAR Pattern	6	16	16	16	6	6	6
475	UDP (Entries)	10,000	80,000	80,000	80,000	10,000	10,000	10,000
480	TOD Charts	8	8	8	8	8	8	8
485	Toll Analysis Table Entries	1,000	2,000 [111]	2,000 [111]	2,000 [111]	1,000	1,000	1,000
490	***ASAI - See CALLVISOR ASAI***							
495	***ATM***							
500	WAN Spare Processor (WSP)	NA	NA	NA	NA	NA	NA	NA
505	***ATTENDANT SERVICE***							
510	Attendant Consoles(day:night)[10]	15:1	27:1	27:1	27:1	15:1	15:1	15:1
511	IP Soft Consoles (day:night)	15:1	27:1	27:1	19:1 [10.1]	15:1	15:1	15:1
515	Attendant Console 100s Groups/Attendant	20	20	20	20	20	20	20
520	Attendant Control Restriction Groups	96	96	96	96	96	96	96
525	***Centralized Attendant Service***							
530	Release Link Trunks at Branch	99	255	255	255	99	99	99
535	Release Link Trk Grp at Branch	1	1	1	1	1	1	1

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		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
540	Release Link Trunks at Main	400	4,000	4,000	4,000	400	400	400
545	Release Link Trk Grp at Main[11]	99	2,000	2,000	2,000	99	99	99
550	***Other Access Queues***							
555	Max. Number of Queues	12	12	12	12	12	12	12
560	Max. Number of Queue Slots[12]	80	80	80	80	80	80	80
565	Size range of Reserved Queue	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75	2 - 75
570	Reserved Queue Default Size	5	5	5	5	5	5	5
575	Queue Length	80	300	300	300	80	80	80
580	Switched Loops/Console	6	6	6	6	6	6	6
585	***AUTHORIZATION***							
590	Authorization Codes	5,000	90,000	90,000	90,000	5,000	5,000	5,000
595	Station Security Code Length	7	7	7	7	7	7	7
600	Classes of Restriction	96	96	96	96	96	96	96
605	Classes of Service	16	16	16	16	16	16	16
610	Length of Authorization Code	4 - 13	4 - 13	4 - 13	4 - 13	4 - 13	4-13	4 - 13
615	Length of Barrier Code	4-7	4-7	4-7	4-7	4-7	4-7	4-7
620	Length of Account Codes [93]	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15	1 - 15
625	Restricted Call List	1	1	1	1	1	1	1
630	Remote Access Barrier Codes	10	10	10	10	10	10	10
635	CDR Account Code List	1	1	1	1	1	1	1
640	Toll Call List	1	1	1	1	1	1	1
645	Unrestricted/Allowed Call Lists	10	10	10	10	10	10	10
650	Total Call List Entries	1,000	1,000	1,000	1,000	1,000	1,000	1,000
655	***AUTOMATIC CALL BACK (ACB) CALLS***							
660	Max ACB Calls	240	1,500	1,500	1,500	240	240	240
665	***AUTOMATIC WAKEUP***							
670	Simultaneous Display Requests	10	30	30	30	10	10	10
675	Wakeup Requests per System	2,400	15,000	15,000	15,000	2,400	2,400	2,400
680	Wakeup Request per Extension	2	2	2	2	2	2	2
685	Wakeup Requests per 15 min Interval	450	950	950	950	450	450	450
690	***BASIC CALL MANAGEMENT SYSTEM (BCMS). Not Applicable to S8300/G350 Offer - See Note 4 and Footnote 71.4.***							
695	Measured Agents or Login Ids	400	2,000	2,000	1,000 [66]	400	100 [66]	N/A
700	Measured Agents Per Split/Skill	200	999	999	999	200	100 [66]	N/A
705	Measured Splits/Skills	99	600	600	600	99	99	N/A
710	Measured Agent-split/skill pairs	1,000	40,000	40,000	40,000	1,000	1,000	N/A
715	Measured Trunk Groups	32	32	32	32	32	32	N/A
720	Measured VDNs	99	512	512	512	99	99	N/A
725	Max. Agents Displayed by Monitor BCMS Split Command[12.1]	100	100	100	100	100	100	N/A
730	Max. BCMS Terminals	3	4	4	4	3	1	N/A
735	Max. Active Maintenance Commands for System	1	15	15	15	1	1	N/A
740	Max. Simultaneous BCMS Terminals in Monitor Mode[12.2]	1	13	13	13	1	1	N/A
745	***Reporting Periods***							
750	Intervals	25	25	25	25	25	25	N/A
755	Days	7	7	7	7	7	7	N/A

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		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
760	***CABINETS***	(CSI) SI						
765	***Inter-Port Network Connectivity:*** (CSI) SI where different							
770	Port Networks (see footnote for migration)	(1) 3	64	64	64	NA	1	NA
775	Max No. of Port Networks per MCC Cabinet	(1) 2	NA	5	NA [67]	NA	1	NA
780	Switch Nodes (Simplex)	NA	NA	3	NA	NA	NA	NA
785	Switch Nodes (Duplex)	NA	NA	6	NA	NA	NA	NA
790	DS1 Converter Complex (Simplex)	NA	41	41	41	NA	NA	NA
795	DS1 Converter Complex (Duplex)	NA	NA	82	NA	NA	NA	NA
800	***EPN*** [13]							
805	MCC	(NA) 2	NA	64	NA [67]	NA	NA	NA
810	SCC	(NA) 8	NA	64 (4/stk)	3 (4/stk)	NA	NA	NA
815	CMC	NA	64 (3/stk)	NA	64 (3/stk)	NA	NA	NA
817	G600 (19" Rack Mount)	NA	64(4/stk)	NA	64(4/stk)	NA	NA	NA
818	G650 (19" Rack Mount)	NA	64 (5/stk)	64 (5/stk)	64 (5/stk)	NA	NA	NA
820	***PPN***							
825	MCC (Medium)	(NA) 1	NA	NA	NA	NA	NA	NA
830	SCC/ESCC	(NA) 4	NA	NA	NA	NA	NA	NA
835	CMC	(3) NA	NA	NA	NA	NA	1 (3/stk)	NA
840	G600 19" Rack Mount Cabinet	NA	NA	NA	NA	NA	1	NA
845	***CALL APPEARANCES***							
850	Bridged Images/Appearance[15]	64	64	64	64	64	64	64
855	Call Appearances / Station[16]	54	54	54	54	54	54	54
860	Max. Appearances per Ext.	10	10	10	10	10	10	10
865	Min. Appearances per Ext.	0	0	0	0	0	0	0
870	Total Users with Bridged Appearances	2,400	16,000 [71.2]	36,000 [71.2]	2,400	2,400 [71.1]	2,400*	2400 [71.4]
875	Max. Simultaneous Off-Hook per Call[17]	5	5	5	5	5	5	5
880	***CALL COVERAGE***							
885	Coverage Answer Groups(CAG)	200	1000	1000	1000	200	200	200
890	Coverage Paths	999 2,000[98]	999 9,999[98]	999 9,999[98]	999 9,999[98]	999 2000[71.1]	999 2,000[98]	999 2000[71.4]
895	Coverage Paths Incl. in Call Covg. Report	100	200	200	200	100	100	100
900	Coverage Path per Station	2	2	2	2	2	2	2
905	Coverage Points in a Path	6	6	6	6	6	6	6
910	Remote Coverage Points	999 2,000[97]	10,000	10,000	10,000	999 2,000[97]	999 2,000[97]	999 2,000[97]
915	Max Users/Coverage Path	3500*	47,088*	47,088*	47,088*	3,500*	3,500*	3,500*
920	Members per CAG	8	8	8	8	8	8	8
925	Time of Day Coverage Tables	999	999	999	999	999	999	999
930	Time of Day Changes per Table	5	5	5	5	5	5	5
935	Remote Admin Coverage Paths	2	2	2	2	2	2	2
940	***CALL DETAIL RECORDING***							
945	Intra-switch Call Trackable Extensions	1,000	5,000	5,000	5,000	1,000	1,000	1,000
950	Max. No. of CDR Records That Can Be Buffered in the Switch	500	17,326	17,326	17,326	500	500 [54]	500

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		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
955	No. of Records Buffered for the Primary. Output Device That Will Cause Secondary Device to be Busied Out for 2 Minutes	200	1,900	1,900	1,900	200	NA	200
960	***CALL FORWARDING***							
965	Call Forwarded Digits(off-net)	16	16	16	16	16	16	16
970	Total number of Call Forwarded stations	2,400	16,000 [71.2]	36,000 [71.2]	2,400 [71.3]	2,400 [71.1]	2,400 [71.1]	2,400 [71.1]
975	***CALL PARK***							
980	Attd. Grp. Common Shared Ext. Numbers. Per System[19]	80	80	80	80	80	80	80
985	No. of Parked Calls	723	10,604	10,604	10,604	723	723	723
990	***CALL PICKUP GROUPS: (CSI) SI differ SInce it is based on station user max***							
995	Call Pickup Members/Group	50	50	50	50	50	50	50
1000	Call Pickup Members/System	(900) 2,400	16,000*	36,000*	2,400*	2400[71.1]	2,400*	2400[71.1]
1005	No. of Groups	800	5,000	5,000	5,000	800	800	800
1010	***CALL VECTORING - NOT APPLICABLE to S8300/G350 - See Note 4 and Footnote 71.4.***							
1015	Skills a Call Can Simultaneously Queue to	3	3	3	3	3	3	3
1020	Priority Levels	4	4	4	4	4	4	4
1025	Recorded Announcements/Audio Sources for Vector Delay	128	3,000	3,000	3,000	3,000	128	3,000
1030	Steps per Vector	32	32	32	32	32	32	32
1035	Vector Directory Numbers	512	20,000	20,000	20,000	512	512	512
1040	CMS Measured VDNs	512	20,000	20,000	20,000	512	512	512
1045	R3V9/R3V11/R12 CMS	20,000	20,000	20,000	20,000	20,000	20,000	20,000
1050	Vectors per System	256	999	999	999	256	256	256
1055	R3V9/R3V11/R12 CMS[80]	7,992	7,992	7,992	7,992	7,992	7,992	7,992
1060	Number of Collected Digits for Call Prompting or CINFO	16	16	16	16	16	16	16
1065	Number of Dial-Ahead Digits for Call Prompting	24	24	24	24	24	24	24
1070	Vector Routing Tables (100 entries per table)	10	100	100	100	10	10	10
1075	BSR Application Routing Tables (forms)	255	511	511	511	255	255	255
1080	BSR Application-Location Pairs[20.5]	1,000	2560	2560	2560	1,000	1,000	1,000
1085	Holiday Tables (15 entries per table)	10	10	10	10	10	10	10
1090	***CALLVISOR ASAI - Not Applicable to S8300/G350 - See Note 4 and Footnote 71.4.***							
1095	Adjunct Control Associations per Call	1	1	1	1	1	1	1
1100	Active Adjunct Control Associations (Simultaneous Active Call Controlled Calls and Max Adj. Transaction Records)	600	5,000	5,000 or 8,000[113]	5,000	600	600	600
1105	Active Adjuct Route Requests System Wide	300	2,000	2,000 or 4,000[113]	2,000	300	300	300
1110	Active Adjunct Route Req. per Link (Switch to Adjunct Associations)	300	2,000	2,000 or 4,000[113]	2,000	300	300	300
1115	Active Notifications per Call	3	6	6	6	6	3	6
1120	Active Notifications per Split Domain	3	6	6	6	6	3	6
1125	Active Notifications per VDN Domain	3	6	6	6	6	3	6
1130	Call Controllers per Call	1	1	1	1	1	1	1
1135	Domain-Control Associations per Call	12	24	24	24	24	12	24
1140	Release 2.0: Domain-Control Station Associations (Active Station Control Assoc.)	2,000	6,000	6,000	6,000	2,000	2,000	2,000
1141	Release 2.1: Domain-Control Station Associations (Active Station Control Assoc.)	2,000	21,000	21,000	21,000	2,000	2,000	2,000

	Avaya Communication Manager	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0	ACM Rel. 2.0/2.1
		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
1145	Domain-Control Split/Skill Associations	300	2,000	2,000	2,000	300	300	300
1150	Domain-controllers per Station Domain	2	4	4	4	4	2	4
1155	Domain-controllers per Split/skill Domain	4	8	8	8	8	4	8
1160	Notification Associations (Requests or Monitors)	300	10,000	10,000	10,000	300	300	300
1165	Max. Calls With Send DTMF Active	16	32	32	32	32	16	32
1170	Maximum Simultaneous Calls Being Classified	80	600	600	600	NA	80	NA
1175	Split/skill Domain Controls System Wide	300	2,000	2,000	2,000	300	300	300
1180	Simultaneous Billing (MultiQuest) Requests	100	1,000	1,000	1,000	100	100	100
1185	Simultaneous Selective Listening Disconnected Paths	75	300	300	300	75	75	75
1190	***ASAI Traffic: (CSI) SI where different***							
1195	Messages/Second Per ASAI/BRI Link	30	30	30	30	NA	NA	NA
1200	Inbound Msgs/Sec Per MAPD CTI Link	(120/200[109]) 200	200	200	200	NA	120/200[109]	NA
1205	Outbound Msgs/Sec Per MAPD CTI Link	(120/240[109]) 240	240	240	240	NA	120/240[109]	NA
1210	Msg/Sec per MAPD (full duplex)	(120/240[109]) 240	240	240	240	NA	120/240[109]	NA
1215	Inbound Msgs/Second Per ASAI IP Link	200	200	200	200	200	50	200
1220	Outbound Msgs/Second Per ASAI IP Link	240	240	240	240	240	240	240
1225	Msgs/Sec/System (full duplex)	(120/240[109]) 240	720	720	720	240	240	240
1230	***Maximum CTI Links***							
1235	Maximum CallVisor ASAI Links (Open and Proprietary)	8	16	16	16	16	8	16
1240	Max Co-resident DLG Interfaces	8	16	16	16	16	8	16
1245	CTI Links per MFB	(NA) 4	4	4	4	NA	NA	NA
1250	CTI Links per MAPD	8	8	8	8	NA	8	NA
1255	***CONFERENCE***	(CSI) SI						
1260	Maximum Number of Parties in a Conf	6	6	6	6	6	6	6
1265	Simultaneous 3-way Conf. Calls[21]	(161) 484	10,304*	10,304*	10,304*	157/MG	157/MG	157
1270	Simultaneous 6-way Conf. Calls[22]	(80) 242	5,152*	5,152*	5,152*	78/MG	78/MG	78
1275	***Meet-Me Conferencing***							
1280	Max. No. of Conference Parties	3-6	3-6	3-6	3-6	3-6	3-6	3-6
1285	Max Required Security Code Length	0 or 6	0 or 6	0 or 6	0 or 6	0 or 6	0 or 6	0 or 6
1290	Meet-Me Conference VDNs	175	1,800	1,800	1,800	175	175	175
1295	***DATA PARAMETERS***							
1300	Administered Connections	128	128	128	128	NA	128	NA
1305	***ALPHANUMERIC DIALING***							
1310	Max. entries	200	1,250	1,250	1,250	NA	200	NA
1315	Characters/Entry	22	22	22	22	NA	22	NA
1320	PRI Endpoints(PE)	25	50	50	50	NA	8	NA
1325	Access Endpoints(# of Trunks)	400	4,000	8,000	800	NA	400	NA
1330	***MULTIMEDIA PARAMETERS***							
1335	TN787D MMI Boards	4	NA	12	12	NA	4	NA
1340	TN788B VC Boards	25	NA	69	69	NA	25	NA

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		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
1345	MMI and VC Boards in Multiple PN	(NA)Yes	NA	Yes	Yes	NA	NA	NA
1350	Multimedia One Number Conferences Per System	800	NA	2,000	2,000	NA	800*	NA
1355	Multimedia Dynamic Conference Records	64	NA	192	192	NA	64	NA
1360	Maximum Number of BRI Connections[101]	1,000	7,000	7,000	7,000	NA	1,000*	NA
1365	MASI Nodes	12	NA	15	15	NA	12	NA
1370	MASI Links	15	NA	15	15	NA	15	NA
1375	MASI Trunk Groups	96	NA	120	120	NA	96	NA
1380	***DIGITAL DATA ENDPOINTS***	800	7,500	7,500	7,500	NA	800	NA
1385	***DIAL PLAN***							
1390	DID LDNs	8	20	20	20	8	8	8
1395	Extensions (total)[24]	3500*	49,828*	49,828*	49,828*	3,500*	3,500*	3,500
1400	"Station" Extensions[24.1]	2416*	36,051*	36,051*	36,051*	2,416*	2,416*	2,416
1405	Extension No. Portability (UDP Entries)	10,000	80,000	80,000	80,000	10,000	10,000	10,000
1410	***Feature Dial Access Codes***							
1415	Number of Codes[100]	121	122	122	122	122	122	122
1420	No.of Digits in a Feature Access Code	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4
1425	Integrated Directory Entries[27]	2,416	36,028	36,028	36,028	2,416	2,416*	2,416
1430	Maximum Extension Size	7	7	7	7	7	7	7
1435	Minimum Extension Size	1	1	1	1	1	1	1
1440	Miscellaneous Extensions[25]	900	26,258	26,258	26,258	900	900	900
1445	***NAMES***							
1450	No. of names[28]	4,215	48,845	48,845	48,845	4,215	4,215	4,215
1455	No. of characters in a name	27	27	27	27	27	27	27
1460	***Non-DID LDNs***	50	666	666	666	50	50	50
1465	***EXTENSIONS (total)*** [24]							
1470	Prefix Extensions	Yes	Yes	Yes	Yes	Yes	Yes	Yes
1475	Prefix Extensions Lengths99	2-6	2-6	2-6	2-6	2-6	2-6	2-6
1480	***Trunk Dial Access Codes***							
1485	No. of Dial Access Codes	317	2,218	2,218	2,218	317	317*	317
1490	No. of digits in DAC	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4
1495	*Locations* [106]	10	250[106]	250[106]	250[106]	50	1	50
1500	***DO NOT DISTURB (DND)***							
1505	DND Requests per System	2,400	16,000*	36,000*	2,400*	2400 [71.1]	2,400*	2400 [71.1]
1510	Simultaneous Display Requests	10	30	30	30	10	10	10
1515	***DISPLAY***							
1520	Display Formats	50	50	50	50	50	50	50
1525	Simultaneous Updating Displays	100	500	500	500	100	100	100
1530	***DEFINITY WIRELESS BUSINESS SYSTEM (DWBS)*** [51]							
1535	Terminals	1,500	1,500	1,500	1,500	NA	400	NA
1540	Radio Controller Circuit Packs[49]	50	150	150	150	NA	50	NA
1545	Wireless Fixed Bases	100	300	300	300	NA	100	NA
1550	Cell Antenna Units	400	1,200	1,200	1,200	NA	400	NA
1555	Coverage (million sq. ft.)	3	3	3	3	NA	3	NA

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		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
1560	Button Capacity for Wireless	18	18	18	18	NA	18	NA
1565	***EC500 OPTIM, EC500*** [105]							
1570	EC500 based on Station Capacity [104]	(900) 2,400	16,000*	36,000*	2,400*	2,400*	900	2,400*
1575	EC500, OPTIM Mapping Table Capacity	(450) 1,200	16,000*	36,000*	2,400*	450	450	450
1580	Station Capacity Based Max EC500 Users, with Typical configuration of 1 Principal + 2 XMOBILEs[105]	(450) 1,200	16,000*	36,000*	2,400*	450	450	450
1585	***EXPERT AGENT SELECTION (EAS) [83]. Not Applicable to S8300/G350 (See Note 4 and Footnote 71.4)***							
1590	Skill Groups	99	2,000	2,000	2,000	99	99	N/A
1595	VDN Skill Preferences	3	3	3	3	3	3	N/A
1600	Max. Skills a Call Can Simultaneously Queue to	3	3	3	3	3	3	N/A
1605	Max. Administered ACD Members (login ID-skill pairs)[28.1]	6,000	180,000	180,000	180,000	6,000	6,000	N/A
1610	Max. Staffed (logged-in) ACD Members[28.3] ie., agent-skill pairs	1,000	60,000	60,000	60,000	1,000	1,000	N/A
1615	R3V9 CMS [80]	32,000	32,000	32,000	32,000	32,000	32,000	N/A
1620	R3V11/R12 CMS [80]	100,000	100,000	100,000	100,000	100,000	100,000	N/A
1625	Max. Administered Agent Login IDs[28.4]	1,500	20,000	20,000	20,000	1,500	1,500	N/A
1630	***Max. Skills per Agent***							
1635	R3V9/R3V11 CMS	20	20	20	20	20	20	N/A
1640	**R3V12 CMS**	20	60	60	60	20	20	N/A
1645	***Skill Levels (preferences) per Agent Skill***							
1650	R3V9/R3V11/R12 CMS	16	16	16	16	16	16	N/A
1655	***Max. Logged in EAS Agents (per system) When Each Has:*** [6]							
1660	1 Skill	500	5,200	5,200	5,200	500 [71.1]	100 [66]	N/A
1665	R3V9 CMS [80]	32,000	32,000	32,000	32,000	32,000	32,000	N/A
1670	R3V11/R12 CMS [80]	41,600	41,600	41,600	41,600	41,600	41,600	N/A
1675	2 Skills	500	5,200	5,200	5,200	500 [71.1]	100	N/A
1680	R3V9 CMS [80]	32,000	32,000	32,000	32,000	32,000	32,000	N/A
1685	R3V11/R12 CMS [80]	41,600	41,600	41,600	41,600	41,600	41,600	N/A
1690	4 Skills	250	5,200	5,200	5,200	250	100	N/A
1695	R3V9 CMS [80]	20,000	20,000	20,000	20,000	20,000	20,000	N/A
1700	R3V11/R12 CMS [80]	25,000	25,000	25,000	25,000	25,000	25,000	N/A
1705	10 Skills	100	5,200	5,200	5,200	100	100	N/A
1710	R3V9 CMS	8,000	8,000	8,000	8,000	8,000	8,000	N/A
1715	R3V11/R12 CMS	10,000	10,000	10,000	10,000	10,000	10,000	N/A
1720	20 Skills	50	3,000	3,000	3,000	50	50	N/A
1725	R3V9 CMS	4,000	4,000	4,000	4,000	4,000	4,000	N/A
1730	R3V11/R12 CMS	5,000	5,000	5,000	5,000	5,000	5,000	N/A
1735	60 Skills (R12 CMS Required)	NA	1,000	1,000	1,000	NA	NA	N/A
1740	R12 CMS	NA	1,666	1,666	1,666	NA	NA	N/A
1745	***EXTERNAL DEVICE ALARMING***	32	NA	90	90	32	32	32
1750	***FACILITY BUSY INDICATORS***							
1755	Buttons per Tracked Resource	100	500	500	500	100	100	100
1760	No. of Indicators(Station & Trk Grps)	3,600	10,000 25,000[95]	10,000 25,000[95]	10,000 25,000[95]	3,600	3,600*	3,600

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		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
1765	***HUNT GROUPS (NON ACD)*** [28.5. For the] ***S8300/G350 Offer, hunt groups are applicable. But Splits, Skills and CMS do not apply.***							
1770	Announcements per Group	1	1	1	1	1	1	1
1775	Announcements per System (See Footnote 18)	128	3,000	3,000	3,000	3,000	128	3,000
1780	Split/Skills/Hunt Groups	99	2,000	2,000	2,000	99	99	99
1785	R3V9/R3V11 CMS	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1790	R12 CMS	1,000	2,000	2,000	2,000	1,000	1,000	1,000
1795	Group Members per Group	200	1,500	1,500	1,500	200	200	200
1800	Group Members per System[28.5]	1,000	10,000	10,000	10,000	1,000	1,000	1,000
1801	**Release 2.1: Dynamic Allocation of Hunt Group Queue Slots [7] - system-wide or per-group limits are NOT Applicable**							
1805	Queue Slots per Group[7]	200	999	999	999	200	200	200
1810	Queue Slots per System[7]	1,500	25,000	25,000	25,000	1,500	1,500	1,500
1815	***INTERCOM TRANSLATION TABLE (ICOM): Automatic, Manual and Dial***							
1820	ICOM groups per system	32	256	256	256	32	32	32
1825	Auto/Manual	32	256	256	256	32	32	32
1830	Dial	32	256	256	256	32	32	32
1835	***Members per ICOM group***							
1840	Auto	32	32	32	32	32	32	32
1845	Dial	32	32	32	32	32	32	32
1850	Members per System	1,024	8,192	8,192	8,192	1,024	1,024*	1,024
1855	***INTEGRATED MANAGEMENT***							
1860	***See product documentation for Integrated Management (Number of Media Servers supported by each application, and number of concurrent users accessing the application) for capacity information .***							
1865	***IP PLATFORM***							
1870	***IP600 HARD DISK DRIVE (Applicable to S8100 only)***							
1875	Total Capacity (megabytes)	NA	NA	NA	NA	NA	3,200	NA
1880	C drive allocation	NA	NA	NA	NA	NA	1,200	NA
1885	D drive allocation	NA	NA	NA	NA	NA	1,900	NA
1890	Station Capacity[63]	NA	NA	NA	NA	NA	408	NA
1895	***IP Solutions*** (Note: (CSI) SI where the capacities are different)							
1900	TN799 Circuit Packs (CLAN) [81]	(8) 64	64	64	64	NA	17*	NA
1905	(TN802B + TN2302) IP Media Processors	(8) 50	200	200	200	NA	50*	NA
1910	Network Regions	80	250	250	250	50	80*	50
1915	R300	80	250	250	NA	NA	80*	NA
1920	H.248 Media Gateways (G350, G700 etc.)	80	250[71.2]	250 [71.2]	250 [71.3]	50	10	1
1925	Maximum Number of LSPs	NA	250[71.2]	250 [71.2]	250 [71.3]	50 [71.1]	NA	NA
1930	Maximum Media Gateways per LSP	NA	50[71.2]	50 [71.2]	50 [71.3]	50	NA	NA
1935	H.323 Endpoints (stations and trunks combined)	(900) 1,500	12,000	12,000	2,400	450	450	450
1940	ISDN/IP Trunks (pool of ISDN, IP, and SIP trunk Ports). For SIP Trk Max: See below.	400	8,000	8,000	8,000	450	300	450
1945	Signaling Groups [60]	110	650	650	650	110	46	110 *
1950	***SIP Server (Converged Communication System or CCS)***							

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		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
1955	SIP Trunks (for SIP Signaling connectivity to ACM - Linux platforms only). Part of ISDN/IP/SIP trunk pool	NA	1,000	1,000	800	100	NA	100
1960	Number of Edge Nodes	NA	1	1	1	1	NA	1
1965	Number of Home Nodes	NA	10	10	10	10	NA	10
1970	Number of IM (Instant Message) Clients per node	NA	500	500	500	500	NA	500
1975	***SBS (Separation of Bearer and Signaling) NOTE: New entry in caps table, though it is not a new feature in 2.0)***							
1980	SBS Trunks	(0) 100	1,000	1,000	1,000*	NA	NA	NA
1985	SBS Stations	(0) 50	500	500	500	NA	NA	NA
1990	***S8300 specific capacities (NOTE: Some of them are applicable to S8300/G700 but not applicable to S8300/G350). For example, G700 supports***							
1995	Max Media Modules per Stacked Gateway (4MMs per media gateway)	NA	NA	NA	NA	40 (10MGs*4)	NA	4
2000	Total TTRs per Stacked Gateway	NA	NA	NA	NA	64	NA	16
2005	Tone Detection Devices per Gateway (General)[39]	NA	NA	NA	NA	15	NA	15
2010	ASAI CTI Links	NA	NA	NA	NA	16 (with ICC)	NA	NA
2015	***Embedded Voice Mail***							
2020	Number of Mail Boxes	NA	NA	NA	NA	450	NA	450 [71.4]
2025	Number of Ports	NA	NA	NA	NA	8	NA	8
2030	Number of Hours of Storage	NA	NA	NA	NA	1400	NA	1400
2035	***Embedded Announcements***							
2040	Announcement Files	NA	NA	NA	NA	256	NA	256
2045	Minutes of Recording	NA	NA	NA	NA	20	NA	10
2050	Number of Simultaneous Playback Channels	NA	NA	NA	NA	15	NA	6
2055	Number of Record Channels	NA	NA	NA	NA	1	NA	1
2060	***LAST NUMBER DIALED***							
2065	Entries/System[29]	3,216*	43,528*	43,528*	43,528*	3,216*	3,216*	3,216*
2070	Number of Digits	24	24	24	24	24	24	24
2075	***LEAVE WORD CALLING (SWITCH BASED)***							
2080	System-wide Messages Stored	2,000	6,000	6,000	6,000	2,000	2,000*	2,000
2085	Messages per User	125	125	125	125	125	125	125
2090	***REMOTE MESSAGE WAITING INDICATORS***							
2095	Per Extension	80	80	80	80	80	80	80
2100	Per System (G3R and Linux Servers: Station user max / 20; G3SI and G3CSI: Station user max / 10)	240	1,800	1,800	1,800	240	90	240
2105	Simultaneous Message Retrievers	60	400	400	400	60	60	60
2110	System-wide Super Message Retrievers (can retrieve anyone's messages)	10	10	10	10	10	10	10
2115	***MALICIOUS CALL TRACE***							
2120	Max. Simultaneous Traces	16	16	16	16	16	16	16
2125	***MULTIPLE LISTED DIRECTORY NUMBERS (MLDN)***							
2130	Via DID	8	20	20	20	8	8	8
2135	Via DID w/Tenant Partition	20	100	100	100	20	20	20
2140	Via CO	2,000	2,000	2,000	2,000	99	99	99
2145	***MODEM POOL GROUPS - Mode 2/Analog***							

	Avaya Communication Manager	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0	ACM Rel. 2.0/2.1
		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
2150	Group members per system	160	NA	2,016	2,016	160	160	160
2155	Number of groups	5	NA	63	63	5	5	5
2160	Members per group	32	NA	32	32	32	32	32
2165	***NETWORKING (Also see Trunks)***							
2170	CAS RLT Nodes	99	99	99	99	99	99	99
2175	***DCS Nodes*** [31]							
2180	BX.25 (Private): (CSI) SI	(NA) 63*	NA	NA	NA	NA	NA	NA
2185	TCP/IP	63*	63	63	63	63*	63*	63*
2190	ISDN PRI (Public and/or Private)	63*	63	63	63	63*	63*	63*
2195	Hybrid (combination of PRI, BX.25, & TCP/IP)	63*	63	63	63	63*	63*	63*
2200	ENP Nodes[32]	999	999	999	999	999	999	999
2205	***QSIG Nodes: No Fixed Node Capacity See Footnote 73.***							
2210	***QSIG/DCS Interworked Nodes*** [76]	63*	63	63	63	63*	63*	63*
2215	***PAGING***							
2220	Code Calling IDs	125	125	125	125	125	125	125
2225	Loudspeaker Zones	9	9	9	9	9	9	9
2230	***Group Paging using Speaker Phone*** [50]							
2235	Number of groups	32	32	32	32	32	32	32
2240	Members per Group	32	32	32	32	32	32	32
2245	***PARTITIONS***							
2250	Attendant Group	15	27	27	27	15	15	15
2255	Tenant Partition	20	100	100	100	20	20	20
2260	Multiple Music on Hold Sources	20	100	100	100	20	20	20
2265	***PERSONAL CO LINES (PCOL)***							
2270	PCOL Appearances	16	16	16	16	16	16	16
2275	PCOL Lines(Trunk Groups)	200	200	200	200	200	200	200
2280	PCOL Trunks Per Trunk Group	1	1	1	1	1	1	1
2285	***PORTS (Max Ports incl. Stations and trunks): (CSI) SI where different***							
2290	***Max Ports on System (Stations and Trunks)***	(1300) 2,800*	16,000	44,000	3,200	900	618	900
2295	***PORT CIRCUIT PACK SLOTS*** [34] ***: (CSI) SI where different***							
2300	***Per EPN***							
2305	MCC Std. Reliability	(NA) 99	NA	99	99	NA	NA	NA
2310	SCC Std. Reliability	(NA) 71	NA	71	71	NA	NA	NA
2315	***Per PPN***							
2320	MCC Std. Reliability	(NA) 89	NA	60, 80	60, 80	NA	NA	NA
2325	Small Cabinet Std. Reliability	(NA) 33	NA	33	33	NA	NA	NA
2330	ESCC Std. Reliability	(NA) 70	NA	NA	NA	NA	NA	NA
2335	CMC Std. Reliability	(28) NA	NA	NA	NA	NA	28	NA
2340	***RECORDED ANNOUNCEMENTS / AUDIO SOURCES FOR VECTOR DELAY***							
2345	Anouncement/Audio Sources per System [18]	128	3,000	3,000	3,000	3,000	128	3,000
2350	***Analog & Aux Trunk Announcements***							
2355	Queue Slots per Announcement	150	1,000	1,000	1,000	1,000	150	1,000

	Avaya Communication Manager	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0	ACM Rel. 2.0/2.1
		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
2360	Queue Slots per System	150	1,000	1,000	1,000	1,000	150	1,000
2365	Calls Connected to Same Annc.	150	1,000	1,000	1,000	1,000	150	1,000
2370	***Integrated Announcements***							
2375	Queue Slots for System	200	4,000	4,000	4,000	4,000	200	4,000
2380	Calls Connected to Same Announcement	50	1,000	1,000	1,000	1,000	50	1,000
2385	Total Announcement Sources: Integrated Boards (10) plus 250 **E**mbedded **VAL** Sources on G350/700 Media Gateways (if they are supported)	5	10	10	10	50	5	1
2390	***TN750 C Boards***							
2395	Channels per Board (playback ports)	16	NA	NA	NA	NA	NA	NA
2400	Maximun Announcements per Board	256*	NA	NA	NA	NA	NA	NA
2405	Board Contents Saved[88]	1	NA	NA	NA	NA	NA	NA
2410	***Recording Time (Min:Sec)***							
2415	16 KB Recording	8:32	NA	NA	NA	NA	NA	NA
2420	32KB Recording	4:16	NA	NA	NA	NA	NA	NA
2425	64KB Recording	2:8	NA	NA	NA	NA	NA	NA
2430	***TN2501AP (VAL) Boards***							
2435	Channels per Board (Playback Ports)	31	31	31	31	NA	31	NA
2440	Maximum Announcements per Board	256*	256*	256*	256*	NA	256*	NA
2445	Board Content Saved	All active boards	All active boards	All active boards	All active boards	NA	All active boards	NA
2450	***Recording Time per Board (in Minutes)*** [90]							
2455	Up to 5 Boards for CSI/SI; 10 for S8700 and S8500)	60	60	60	60	NA	60	NA
2460	***G600 Embedded Integrated SSP (Scalable Speech Processor) Announcements***							
2465	SSP Boards	NA	1 per G600	NA	1 per G600	NA	1 per G600	NA
2470	Channels per SSP Integ. Annc. Circuit Pack	NA	8	NA	8	NA	8	NA
2475	Maximum Announcements per Board	NA	128	NA	128	NA	128	NA
2480	Board Contents Saved	NA	All	NA	All	NA	All	NA
2485	***Recording Time (Min)***							
2490	16 KB recording	NA	240	NA	240	NA	240	NA
2495	32KB recording	NA	120	NA	120	NA	120	NA
2500	64KB recording	NA	60	NA	60	NA	60	NA
2505	***Embedded Integrated VAL (Voice Announcement Over LAN) Announcements***							
2510	Channels per Board (playback ports)	NA	15	15	15	15	NA	6
2515	Maximum Announcements per Board	NA	256	256	256	256	NA	256
2520	Board Contents Saved	NA	all active boards	all active boards	all active boards	all active boards	NA	all active boards
2525	Recording Time per Board in minutes	NA	20	20	20	20	NA	10
2530	***STATIONS (See Voice Terminals; also see Ports for maximum ports incl. Stations and trunks)***							
2535	***SYSTEM ADMINISTRATION***							
2540	# Of Login IDs: Customer + Service	11 + 5	50 + 5	50 + 5	50 + 5	11 + 5	11 + 5	11 + 5
2545	Admin History File Entries	500	1,800	1,800	1,800	500	500	500
2550	Simultaneous Admin Commands [2]	1	10	10	10	1	1	1

	Avaya Communication Manager	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0	ACM Rel. 2.0/2.1
		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
2555	Simultaneous Maintenance Commands[2]	1	5	5	5	1	1	1
2560	Simultaneous System Mgmt. Sessions [2]	5	15	15	15	5	5	5
2565	Number of Scheduled Reports	50	50	50	50	50	Footnote 58	50
2570	Access Security Gateway Session History Log Entries	100	250	250	250	100	NA	100
2575	***SPEECH SYNTHESIS CIRCUIT PACKS***							
2580	# of Speech Synthesis Circuit Packs	6	40	40	40	NA	6	NA
2585	Channels per Speech Circuit Pack	4	4	4	4	NA	4	NA
2590	***TERMINATING EXTENSION GROUPS (TEG)***							
2595	TEGs	32	32	32	32	32	32	32
2600	Users That May Share a TEG	4	4	4	4	4	4	4
2605	***TIME SLOTS [36,37] (CSI) SI where applicable***							
2610	Simultaneous Ckt Switched Calls[36]	(242) 726	15,424	15,424	15,424	236	242	236
2615	Total Time Slots	(512) 1536	32,768	32,768	32,768	512[71.1]	512	512[71.4]
2620	Time Slots for Voice & Data[38]	(484) 1452	30,976	30,976	30,976	472[71.1]	484	472[71.4]
2625	Time Slots per Port Network	512	512	512	512	512/MG	512	512
2630	***TONE CLASSIFIERS***							
2635	Tone Receivers (General)[39]	200	1200	1200	1,200	15 / G700	200	15 / G350
2640	TTR Queue Size	4	4	4 (SCC/MCC)	4	NA	4	NA
2645	Prompting TTR Queue Size	80	80	80 (SCC/MCC)	80	NA	80	NA
2650	***TRUNKS (CSI) SI where applicable) For Max IP trunks, SIP trunks, etc. see IP Solutions.***							
2655	DS1 Circuit Packs (PRI/Station only, Total (PRI+Line-side DS1)	30	400	400	50	30	30	30
2660	Queue Slots for Trunks	198	4,000	4,000	4,000	198	198	198
2665	Measured Trunks In System	400	4,000	8,000	800	450[71.1]	400*	450[71.1]
2670	Max No. of Trunks in System	400	8,000[71.2,102]	8,000[71.2,102]	800[71.2,102]	450[71.1,102]	400 *[,102]	450[71.4,102]
2675	***Total PRI Interfaces [40]***	(8) 30	400	400	400	NA	30	NA
2680	Qty Emulated Circuits per ATM CES Interface	8	8	8	8	NA	8	NA
2685	Qty of PRI D-channels per ATM CES Interface	8	8	8	8	NA	8	NA
2690	Max. Qty. ATM Interfaces used for CES per PN	2	2	2	2	NA	2	NA
2695	Max. Qty. ATM Interfaces used for CES per System	(2) 6	88	88	88	NA	2	NA
2700	Max. Qty. ATM Interfaces (CES+PNC) per system	(2) 6	88[103]	176	88[103]	NA	2	NA
2705	***BRI TRUNKS [42]***							
2710	BRI Trunk Circuit Packs	8	60	60	60	NA	8	NA
2715	BRI Trunks - Total[42.1]	(160) 192	1,440	1,440	1,440	400[71.1]	300	400[71.4]
2720	***SBS Trunks (See IP Solutions)***							
2725	***ISDN Temporary Signaling Connections***							
2730	TSCs in System	656	8,256	8256	8,256	656	656	656
2735	Call Associated TSCs	400	8,000*	8,000*	8,000*	400[71.1]	400	400[71.4]
2740	Non Call Associated TSCs	256	256	256	256	256	256	256
2745	Administered TSCs	128	128	128	128	128	128	128
2750	***Ringback Queue Slots***	198	1,332	1332	1,332	198	198	198
2755	***Trunk Groups***							
2760	Trunk Grp Hourly Measurements	25	75	75	75	25	25	25
2765	Trunk Groups in the System	99	2,000*	2,000*	2,000*	99	99	99

	Avaya Communication Manager	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0/2.1	ACM Rel. 2.0	ACM Rel. 2.0/2.1
		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
2770	Trunk Members in a Trunk Group	99	255	255	255	99	99	99
2775	***ISDN Services***							
2780	Incoming Call Handling Treatment (per Trunk Group)	18	54	54	54	18	18	18
2785	Incoming Call Handling Treatment (per System)	288	576	576	576	288	288	288
2790	User Defined Services	24	60	60	60	24	24	24
2795	Usage Allocation Entries (per Plan)	15	15	15	15	15	15	15
2800	***VOICE TERMINALS [43] (NOTE: The CSI station max is 900. For Blade Server, Station Max is 500).***							
2805	Associated Data Modules (e.g. DTDMs)	800	NA	NA	NA	NA	NA	NA
2810	Stations (Overall Maximum Number of Stations of all types)[46]	(900) 2,400	16,000[71.2, 101]	36,000[71.2, 101]	2,400[71.3, 101]	2,400[71.1]	240/450 [64]	2,400[71.4]
2815	BRI (Point-to-Point and Multipoint) Stations (part of the Overall Max)[44]							
2820	Point-to-Point	(900) 1,000	7,000	7,000	7,000	NA	1000*	NA
2825	Multipoint (Passive Bus)	(900) 1,000	7,000	7,000	7,000	NA	1000*	NA
2830	Digital Stations(part of the Overall Max)[45]	(900) 2,400	16,000[71.2, 101]	36,000[71.2, 101]	2,400[71.3, 101]	2,400[71.1]	240/450 [64]	2,400[71.4]
2835	Display Stations (part of the Overall Max)	(900) 2,400	16,000[71.2, 101]	36,000[71.2, 101]	2,400[71.3, 101]	2,400[71.1]	240/450 [64]	2,400[71.4]
2840	IP Stations (part of the Overall Max)[45]	(900) 1,500	12,000	12,000	2,400	450	450	40
2845	Sta. Button Capacity (K Units)[47]	662.4	17,496	17,496	17,496	662.4	656.4	662.4
2850	Number Of Administrable Physical Buttons	54,400	1,440,000	1,440,000	1,440,000	54,400	54,400	54,400
2855	Station Button Feature Capacity[48]	15,900	15,900	15,900	15,900	15,900	15,900	15,900
2860	***VUSTATS - Not Applicable to the S8300/G350 Platform (See Note 4)***							
2865	Measured Agents or Login Ids	400	2,000	2,000	1,000 [66]	400[71.1]	100 [66]	N/A
2870	Measured Splits	99	600	600	600	99	99	N/A
2875	Measured Trunk Groups	32	32	32	32	32	32	N/A
2880	Measured VDNs	99	512	512	512	99	99	N/A
2885	***Reporting Periods***							
2890	Intervals	25	25	25	25	25	25	N/A
2895	Days	1	1	1	1	1	1	N/A
2900	***CMS Switch Links [87.] NOTE: CMS is Not Appolicable to the S8300/G350 Offer.***							
2907	R3V9/R3V11/R12 CMS	1 or 2	1 or 2	1 or 2	1 or 2	1 or 2	1	N/A
2905	***CMS Capacities (The CMS enhancements are noted below, with some corresponding ACM releases and capacities). Not Applicable to S8300/G350.***							
2912	***CMS Capacities***	***ACM R11***			***ACM R12***	***R12 CMS***		
2917		**ACM (S8700)**			**ACM (S8700)**	***CMS Total***		
2922	ACDs (multi-ACD configuration)					8		
2927	ACD Admin Log Records					30,000		
2932	Agent Traces Active					400		
2937	Agent Trace Records					500,000		
2942	Call Records (internal)					5,000		
2947	CWC[85]					1,999		
2952	Max. CWCs collected in the call record					6		
2957	Exception Records					2,000		
2962	Logged-in Agent/Skill Pairs over 8 ACDs	60,000			60,000	100,000		

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		G3 CSI & SI	S8700 IP Connect	S8700 Multi Connect	S8500 [71.3]	S8300 /G700	S8100	S8300 /G350 (See Note 4)
	ITEM	w/ CMC1 /MCC1, SCC1	w/G350, G600, G650, G700	w/G350, G650, G700, SCC1, MCC1	w/G350, G600, G650, G700, SCC1, MCC1, CMC1	w/G350, G700	w/CMC1 w/G600	No subtend-ing Media Gateways
2967	Skills over 8 ACDs					16,000		
2972	Login/Logout Records					999,999		
2977	Measured + Unmeasured Trunks[84]					40,000		
2982	Measured Trunk Groups					8,000		
2987	Locations / Location IDs	250			250	250		
2992	Simultaneous active client sessions[86]					400		

End of Table

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NOTE: As stated earlier, this document contains ACM Software offer-based limits. This footnote contains many explanations, and some of the major offer limits.

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 or the S8500 Media Server with G600/G700/G350 MGs; Multi-Connect refers to a configuration consisting of S8700or the S8500 Media Server with G700/G350/G650/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	System Management sessions are used for system administration and maintenance purposes, and some of the platforms allow multiple simultaneous sessions. The S8700 offer, for example, can support 15 simultaneous sessions. But the system allows maximum 10 simultaneous admin sessions for add/change, etc., as long as they are not accessing the same data - i.e., 2 admin users cannot change the same station object simultaneously. Commands such as test, busyout, release, status are maintenance commands, and up to 5 such simultaneous commands can be issued in addition to the admin commands, as long as they are not accessing the same data, and the command is not designated as a 'single user' command.
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 TN799 (C-LAN) 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 counts toward the maximum capacity of TN799 circuit packs (CLAN).
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. NOTE: The capacity limits for System and Per Group Queue Slots are not applicable with any platforms that run Rel 2.1 or later

CM Software due to the Release 2.1 Dynamic Hunt Group Queue Slot Allocation feature. Hunt group queue slots are now allocated on an as needed basis allowing all calls that are possible to be in queue. The common pool of queue slots is 1,000 for the CSI/SI/S8100/S8300 server platforms and 12,000 for the S8500/S8700 platforms.

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.

10.1 The number of IP Soft attendant consoles: On the S8500, the Offer limit is 20. This is based on license file truncations.

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 the G3SI/S8500 (direct connect migration), G3R and S8700 Multi-Connect systems can be DS1-remoted EPNs.
The numbers reflect the number of cabinets, not the number of EPNs.
The entries in the S8500 and S8700 (MC and IPC) columns reflect the PNs (and in brackets, the number of stacked cabinets per PN).

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 For administering announcements beyond 256: First the Call Center Release must be set to R8.1 or later. Then to access greater than 256 one must specifically refer to an announcement number greater than 256. For example, "change announcement 300". The administrator can then have access to another 16 pages and so on.

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 G3R (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.
NOTE: These are for non-IP endpoints. If IP endpoints are involved, a VoIP resource is used up. The available number of VOIP resources limits the number of such calls with IP endpoints.

22 Simultaneous 6-way Conference Call = ROUND_DOWN(484 / 6) times number Port Networks.
NOTE: These are for non-IP endpoints. If IP endpoints are involved, a VoIP resource is used up. The available number of VOIP resources limits the number of such calls with IP endpoints.

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, PRI endpoint groups and trunk group extensions.

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

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 maximum VDNs simultaneously. By not adjusting the number downward we have gained 2,736 extensions, which allowed for the growth in announcements.

In R11 (Rel 1.x), MAX_STATION increased to 36,000, which yields a total number of extensions of 44,809. The value of total # of extensions for G3R is approximately 80% of "Station Extension" + "Misc Extensions,", and thus we obtain the recommended number 49,733. This holds true for R12 (Rel. 2.0 and beyond) as well.

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. Refer to line 2815 for maximum number of physical terminals.

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%

In 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 in 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 VS/CSI/SI platform, CMS will assume the larger R 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 may not be reachable depending on how many skills 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:	**CSI/SI (with R9/R10/1.x/2.0) or S8100/S8300 (with 1.x/2.0)**	**R (with R9/R10/1.x/2.0) or S8700 (with 1.1/1.2)**	**S8700 (with 1.3)***	**S8500 or S8700 (with 2.0)**
1 to 4 Skills Each	1,500	10,000	20,000	20,000
9 Skills Each	666	7,222	20,000	20,000
10 Skills Each	600	6,500	18,000	18,000
20 Skills Each	300	3,250	9,000	9,000
60 Skills Each	NA	NA	NA	3,000

* The Login ID-Skill pair limit for S8700 was increased to 180,000 with Avaya Communication Manager Release 1.3

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: the maximum Tone Receivers per G700 was increased from 12 to 15 in Rel. 1.3. It should be noted that in spite of this enhancement, the TTR capacity of the G700 affects the Busy Hour Call Capacity – especially the Call Center call mix.

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.

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 to the lesser of the two by the RFA/License File: "Logged-in ACD Agents" field, or 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 **As of Oct. 2002, the DWBS system has been discontinued.** For G3R, 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 has been 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 **This applies to the S8100 platform only.** 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 (including ACD agent physical sets, Logical Agent IDs and AWOH) assigned and the VDNs assigned cannot exceed 25,000 for G3r and 36,000 for S8700 and S8500 (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 IP stations for S8100:
- → 240 IP stations for S8100 Media Server with CMC1 Media Gateway or G650 Media Gateway with embedded messaging enabled.
- → 450 IP stations for S8100 Media Server with CMC1 Media Gateway or G650 Media Gateway 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 For S8500:
- → For Migrations from SI/R Simplex direct connect: it is a max of 3.
- → For new shipments: Not available since new shipments are all IP connect media gateways.

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 The 10,000 additional Enhanced AD Entries on a second list (rather than expanding the 1 Enhanced AD list) allows 4-digit dialing via FAC to remain as before. To expand the 1 list would have required users to enter 5

digits when dialing via FAC.

NOTES re. Foot Notes 71, 71.1, 71.2, 71.3 and 71.4

Footnotes 71 and 71.1 are related to the S8300w/G700 offer; and 71.2 is related to the S8700 platform; 71.3 is related to the S8500 platform; 71.4 contains information re. the S8300/G350 offer. On these platforms:

- Some of the maximums (such as maximum stations, trunks, EC500 users, IP stations, IP trunks, LSPs etc.) set by the ACM software are different from the offer-based limits in the various releases. Few of these offer-based limits are mentioned here.
- **Features** such as Call Forwarding are turned ON/OF by the License File but not the actual capacity. However on some of the platforms the ACM software-based limits may not apply to these features since their maximums are scaled by the associated capacities that they are coupled with, set by either the License File, or based on the hardware/platform limitations (boot-time configurations).
- Similar derived capacity limitations applies to features such as call pickup, bridging, etc., which may not be controlled by the license file either for turning the feature ON or OFF, or for feature-specific capacities.
- **Call Capacities** (such as simultaneous 2-way, 3-way or 6-way calls) in the table are for non-IP endpoints. If IP endpoints are involved, a VoIP resource is used up. The available number of VOIP resources limits the number of such calls with IP endpoints. (Also see Foot notes 21 and 22).

71 See the sub-sections below for server specific information. The System maximums (such as maximum stations, trunks, IP stations, maximum ports, LSPs etc.) set by MultiVantage software are different from the offer-based limits in the various releases. Some of the differences are noted below.

Media Gateways supported by the Servers:

Servers ® Gateways¯	S8700 IP Connect	S8700 MultiConn	S8500 (3-PNs as DirectConn / 64 MGs as IPConnect	S8300 /G700	S8100 /G600	Comments
G350	Yes	Yes	Yes	Yes		Counts towards max MGs
G600	Yes		Yes		See Note	S8100/G600 does NOT support any MGs
G650	Yes	Yes	Yes	Yes		Counts towards max 64 PNs
G700	Yes	Yes	Yes	Yes		Counts towards max MGs
SCC/MCC		Yes	Yes			Counts towards the PNs. **S8500** supports max 3; **S8700**: supports max 64.
CMC			Yes			S8500 supports max 64 CMC / S8100

71.1 **S8300/G700 (ICC):** 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. Following table provides some of the S8300/G700 offer details (the number of media gateways, Stations and trunks). 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).

S8300/G700	Release 1.3	Release 2.0
Media Gateways	50 G700 MGs	50 G350 / G700 MGs
Number of trunks	450	450

Number of trunks	450	450
Number of stations	450	450
Number of LSPs	10	10

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 **Release 2: S8700 (Release 2.1 and beyond only) Platforms (IP Connect / MultiConnect)**:
Release 2.1 Capacity changes for IP Connect and MultiConnect are provided in the bullet items below.

1. Media Gateways: In Release 2 (**both 2.0 and 2.1**), as in 1.3, On the S8700/G700 Multi-Connect and IPC-connect platforms, 100 Media Gateways is the committed capacity increase for Release 1.3 of Communication Manager but the goal is to support 250 Media Gateways.
2. LSPs:
    a. **Release 2.0:** These platforms also support **50** LSPs. Each LSP can support up to 50 G700 Media Gateways.
    b. **Release 2.1:** These platforms also support **250** LSPs. Each LSP can support up to 50 G700 Media Gateways
3. Port Networks (**both Rel 2.0 and 2.1**): In addition to these Media Gateways, they support Port Networks also:
    a. The S8700 Multi-Connect also supports 64 PNs (MCC, SCC, G650).
    b. S8700 IP-Connect supports 64 PNs (G600, G650, CMC1).
4. Station Max:
   For the S8700 IP Connect:
    a. **Release 1.3** allowed 12k IP+ 4k non-IP stations;
    b. **In Release 2.0,** the 16k stations can be any mix of station types (but the max IP stations is still 12k)
    c. **In Release 2.1:** Station Maximum is the same as for MultiConnect (36,000).

   On the MultiConnect:
   The station max is 36k, however 12k is the max for IP stations.
   NOTE: This applies to S8700 IP Connect also in Rel 2.1.
5. Trunks:
   Both IPConnect and MultiConnect support SW-defined limit of 8,000 trunks. But the **offer-based limits** are as follows:
    a. Release 2.0:
        i. On S8700 IP-Connect the Offer-based limit for overall trunk max as well as IP trunk max is **4000 (which is part of the maximum 12K IP endpoints)**.
        ii. On Multi-Connect Offer limit for IP trunks is **8000** (same as the system max).
    b. **Release 2.1:** On both IP Connect and Multi-Connect systems the Offer limit is **8000** trunks.
6. SIP Trunks: **In Release 2 (both 2.0 and 2.1):** Although the trunk max is 8000, they allow maximum 1000 SIP trunks (a license file based limit).
7. Maximum Ports: The Offer max for Maximum ports is as specified below (the Software-defined max ports is 44,000 - i.e., 36k endpoints + 8k trunks):
    a. **Release 2.0**:
        i. Max ports for IP-Connect is 16,000 ports (this includes both IP and traditional stations and trunks; max IP ports is still 12k).
        ii. Max ports for Multi-Connect 44,000 ports (including both IP and traditional stations and trunks).
    b. **Release 2.1**: Max ports on IP-Connect is the same as on Multi-Connect systems: 44,000 ports (including both stations and trunks).

Other system maximums set by Communication Manager software may be different from the offer-based limits in the various releases.

71.3 **S8500** is **a new server being introduced in Release 2.0** of ACM. It is a single server Linux offer, and its capacities are the same as for the S8700, except where it is truncated by the License File. S8500 specific information:

1. S8500 supports 250 G650/G700/G350 MGs. However the G650 MG is the default offer; this configuration is most suitable for new shipments of the system.
2. In addition, it supports traditional PNs as follows (these are suitable for upgrading G3si to S8500):
    a. S8500 can support up to 64 CMC (S8100) cabinets as PNs
    b. S8500 supports 3 PNs if the PNs are MCC or SCC cabinets
3. Although the software supports 8000 trunks, the license file limit is 800 trunks, thus allowing for maximum 3200 ports (2400 stations and 800 trunks) that could consist of both traditional non-IP, and IP endpoints/trunks).

4. S8500 is a standalone offer in Release 2.0; S8500 as ESS will be supported in a later release.

71.4 **S8300/G350 Offer (Boxster) – New offer in Release 2.0:**
This is a new offer in Release 2.0, target market being small branch office of a large distributed system. In a standalone configuration, it is a S8300 Server on a G350 Media Gateway, and provides WAN, LAN and PSTN connectivity. Its capacities are much less than S8300/G700.

1. **Hardware:** It consists of: 1 High-Density Media Module (HDMM) slot, 1 slot for Call Controller (S8300), and 4 slots for other media modules. Embedded AUDIX (CHIA) is supported. But note that this takes up a Media Module slot, and this reduces the number of MM slots available for other purposes. The number of mailboxes on the CHIA is the same as for the G700 platform (450 mailboxes) although the number of users on the G350 platform is only 40 in Release 2.0.
2. **Call Center is not supported in the 2.0 release** - although the main Server (S8300) may support it. The official statement is: "The Avaya Call Center features will **not** be supported in the initial release of the Avaya G350 Media Gateway. This applies to Avaya G350 Media Gateways used either in Media Server (S8700 or S8500 or S8300) configurations or in Local Survivable Processor (LSP) configurations. This means that call center agents or any other call center functionality should not be configured for G350 Media Gateway placement. Although it is understood that call center support may be desirable for this platform based on its market niche, testing has not been completed to determine feasibility. Additional analysis and comprehensive testing are planned for the future. However, at this time, no date or release commitments can be provided for call center support. As soon as additional information is available, this support statement will be revised accordingly."
3. **Stations:** It supports **maximum 40 users** that could be a combination of IP, analog and DCP stations. Maximum for each of these types are: 40 IP endpoints, 24 DCP stations, 18 analog stations. The Software will not prevent administering more than these limits, but in doing so the configuration may not be practical (all station, no trunks; or all stations, no WAN connectivity).
4. **Trunks:** It can support up to 18 (16 + 2 fixed ports) analog trunks, 1 T1/E1 for digital trunks, and 2 8-port BRI trunk media modules.
5. **IP endpoints** (station and trunk): 40.

72 (Footnote removed)

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 (Footnote removed)

75.1 For Category B only (Not offered in Release 2.0 and beyond): BCMS only 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. R7 CSI 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. ACD Member/Agent Login capacities reflect the maximum number of CMS measured agent-split/skill pairs (including AAS ports) that can be logged-in across 8 ACDs. Capacities for R3V11 or later CMS assume a limit of 100K agent-skill pairs. Increased agent-skill pair capacity on CMS will increase CMS platform requirements (see Note 84.1).

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 or use the G700/G350 embedded sources 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 - CCITT u-law/a-law, 8 KHz sampling, 8-bit mono) 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 BRI Link limited to 8.

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 S8700 IP-connect currently shares the same maximum as the S8700 Multi-connect, but the offer limit is based on License File truncation.

102 This value is the total number of traditional trunks permitted in the system. IP trunks are part of this overall max. For both IPConnect and MultiConnect, the maximum trunk capacity is the same as the SW max of 8000 trunk ports. However the maximum number of SIP Trunks supported on these is different. See Footnote 71.2 for details.

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 are also set based on the offer limits for the station maximums for the specific platforms.

105 **EC500 / EC500 OPTIM**: Station users administered with the EC500 capability count towards the station user maximums set by the platform-specific offer limits. But this offer limit does not include the XMOBILE mappings. The XMOBILE mappings are gated by the software-defined station user capacity.

→ On the traditional platforms, EC500 capacities are the same as the earlier releases (Principal + 2 XMOBILE stations in a typical configuration). 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.

→ On the newer Linux platforms (S8700 IP Connect, S8700 MultiConnect and the S8500) in Release 2.0,

the EC500 OPTIM user capacity is the same as the station user maximum for each of the platforms.

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 EPNs as well as gateways, but there are some limitations.

Though the S8700 platform can support 64 EPNs plus 250 Media Gateways, the number of ARS Locations is limited to 250.
Location ID support by the Call Center CMS adjunct:
→ Release 12 of CMS (which coincides with Release 2.0 of ACM) supports up to 250 Location IDs.
→ Earlier releases of CMS support only up to 44 Location IDs. The switch (ACD software) maps any location ID above 44 to 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; 240 applies to configuration with MAPD and CLAN.

110 **Announcement Capacity**: The VAL Board (TN2501) has a capacity to record up to 1 hour of announcements; the G700 embedded announcement source can store up to 20 minutes of recording; the G350 embedded source can store up to 10 minutes.

111 ARS enhancements for the S8700 platform are as follows (Note that some of the G3R capacities were even lower):
1. Locations: increased from 64 to 250;
2. Digit Analysis entries increased from 4000 to 8000;
3. Digit Conversion entries increased from 3000 to 4000;
4. Toll entries increased from 1000 to 2000;

In addition, following 2 items indirectly allow the capability to have more entries on all the forms (analysis, conversion, toll) with longer digit strings
5. Long Internal Digit Nodes: increased from 3500 to 4500;
6. Short Internal Digit Nodes, increased from 6000 to 9000.

ARS enhancements for the S8300 platform (compared to G3SI capacities) are as follows:
1. Locations: increased from 10 to 50;
2. Digit Analysis entries increased from 2000 to 4000;
3. Digit Conversion entries increased from 400 to 2000;
4. Toll entries: 1000 (no change).

In addition, following 2 items indirectly allow the capability to have more entries on all the forms (analysis, conversion, toll) with longer digit strings
5. Long Internal Digit Nodes: increased from 500 to 1500;
6. Short Internal Digit Nodes, increased from 3000 to 6000.

112 Requires Increased Adjunct Route Capacity RTU enabled via License File.