Service Type	Port #	Protocol	Remarks	
VoIP Networking	6100	TCP	For connection setup	
IP Keysets (sys side)	6000	TCP / UDP	For connection setup	
H.323 Gateway	1719	UDP	For connection with Gatekeeper	
"	1720	TCP	For connection setup & tunneling *	
" * (non-Tunneling)	1024-4999	TCP	For maintaining TCP Connection	
SIP Gateway	5060	UDP	For connection setup	
MGI / MGI64	30000-30031	UDP	Even/Odd Port for each MGI channel	
IP Keysets (KS side)	6000	UDP	Signaling for Processor (MP40 etc.)	
"	9000,9001	UDP	Voice data for MGI or ITP	
CTI	5002	TCP	CTI Connection	
Install Tool / DM	5090	TCP	Con. Port for Install Tool / DM programming	
" Prg. Upload	5003	TCP	Program Upload to Smart Media	
DM vMail Prg.	6001-6002	TCP	vMail Programming (7030, 7100, 7200s)	
SMDR Print	5100	TCP	SMDR printout to IP connection	
UCD Print	5101	TCP	UCD printout to IP connection	
Traffice Report	5102	TCP	Traffic report IP connection	
Alarm Report	5103	TCP	System Alarm Report to IP connection	
UCD View	5104	TCP	UCD View printout to IP connection	
Periodic UCD	5105	TCP	Periodic UCD printout to IP connection	
Hotel Report	5106	TCP	Hotel Report to IP connection	
from Page 48/49 7400 Special Applications Manual [OVERVIEW]				
preferably, out in the Cloud: other side of Router				
None of the above necessary then				
5 (or more) IP addresses available if Public Side sub-Net Mask is 248 or smaller				
		255.255.255.248 = 5		
		255.255.255.252 Means only 1 IP address		
		255.255.255.240 = 13		
		255.255.255.224 = 29		
		etc.		
additional Ports for SIP trunking, etc.				
from Page 140/141 7400 Special Applications Manual [APPLICAITONS]				
Service Type	**Port #**	**Protocol**	**Remarks**	
SIP	5060	TCP / UDP	(MMC 837)	
MPS	40000-40063	UDP	(MMC 843) If external OAS cards are used, different IP addresses and port numbers need to be assigned for each card.	
SMT-W WiFi Phone Remote Location	8000	TCP		

On								
Off								
Off								
5								
5								
	Also:	**UCD Forward/Wakeup Option**						
		210	5.14.6					
	set	Intercom External Forward			**ON**			
LCR Options MMC 210 : 3.1.1								

8301		Idle	TONE	1	No	No	No	Off
8302		Idle	TONE	1	No	No	No	Off
8303		Idle	TONE	1	No	No	No	Off
8304		Idle	TONE	1	No	No	No	Off
8305		Idle	TONE	1	No	No	No	Off
8306		Idle	TONE	1	No	No	No	Off
8307		Idle	TONE	1	No	No	No	Off
8308		Idle	TONE	1	No	No	No	Off
				Check above				
				Default for 2 systems, ? If more than 2				
Port Comman MMC 310 : 2.4.2								

LCR	800	801	802	803	804	805	806	807	808	809
0	1	2	3	4	5	6	7	8	9	10
Mixed	Mixed	Mixed	Mixed	SPNET	H.323	SIP	Mixed	Mixed	Mixed	Mixed
Seq.	Seq.	Seq.	Seq.	Seq.	Seq.	Seq.	Seq.	Seq.	Seq.	Seq.
7008				8301	8401	8501				7008
7007				8302	8402	8502				7007
7006				8303	8403	8503				7006
7005				8304	8404	8504				7005
7004				8305	8405	8505				7004
7003				8306	8406	8506				7003
7002				8307	8407	8507				7002
7001				8308	8408	8508				7001
				Use other Group if More than 2 switches						
				(Number of switches - 1)						
Trunk Groups MMC 603 : 4.1.2				^						
				|						

Distribute	Distribute	Distribute	Distribute	Distribute	Distribute	Distribute
3801	3801	3801	3801	3801	3801	3801
3802	3802	3802	3802	3802	3802	3802
3803	3803	3803	3803	3803	3803	3803
3804	3804	3804	3804	3804	3804	3804
3805	3805	3805	3805	3805	3805	3805
3806	3806	3806	3806	3806	3806	3806
3807	3807	3807	3807	3807	3807	3807
3808	3808	3808	3808	3808	3808	3808
May be as below						
	MGI Groups MMC 615 : 4.1.4					
8381						
8382						
8383						
8384						
8385						
8386						
8387						
8388						
8389						
8390						
8391						
8392						
8393						
8394						
8395						
8396						

002	7	5			001	7	5	
2	7	1			2	7	1	
3	7	1			3	7	1	
4	7	1			4	7	1	
5	7	1			5	7	1	
6	7	1			6	7	1	
7	7	1			7	7	1	
8	7	1			8	7	1	
9	7	1			9	7	1	
11	2	2			11	2	2	< - - - -
911	3	1			911	3	1	
609	10	3			609	10	3	
856	10	1			856	10	1	
1	11	1			1	11	1	
411	3	1			411	3	1	
211	3	1			211	3	1	
311	3	1			311	3	1	
511	3	1			511	3	1	
611	3	1			611	3	1	
711	3	1			711	3	1	
811	3	1			811	3	1	
02	8	4			02	8	4	
03	8	4			03	8	4	
04	8	4			04	8	4	
05	8	4			05	8	4	
06	8	4			06	8	4	
07	8	4			07	8	4	
08	8	4			08	8	4	
09	8	4			09	8	4	
0609	11	4			0609	11	4	
0856	11	4			0856	11	4	
01	12	4			01	12	4	
0411	4	4			0411	4	4	
	Routing Digits MMC 710 : 3.1.2							

Line 10
This must be eliminated from most systems unless requested: Warn of AO Hammonton problems !

Reverse the 3 and 1 for Vineland or any other 856 number for now.
Line 12
above ^

Routing Digits MMC 710 : 3.1.2

0	0	1	23	59	1	
0	0	1	23	59	1	
0	0	1	23	59	1	
0	0	1	23	59	1	
0	0	1	23	59	1	
0	0	1	23	59	1	
0	0	1	23	59	1	
	Time Table MMC 711 : 3.1.3					

	Routing Table MMC 712 : 3.1.4							
TABLE 1	809		809		809		809	
	809		809		809		809	
	809		809		809		809	
	809		809		809		809	
	809		809		809		809	
	809		809		809		809	
	809		809		809		809	
	809		809		809		809	
TABLE 2	809	1	809	1	809	1	809	1
	809	1	809	1	809	1	809	1
	809	1	809	1	809	1	809	1
	809	1	809	1	809	1	809	1
	809	1	809	1	809	1	809	1
	809	1	809	1	809	1	809	1
	809	1	809	1	809	1	809	1
	809	1	809	1	809	1	809	1
TABLE 3	809	2	809	2	809	2	809	2
	809	2	809	2	809	2	809	2
	809	2	809	2	809	2	809	2
	809	2	809	2	809	2	809	2
	809	2	809	2	809	2	809	2
	809	2	809	2	809	2	809	2
	809	2	809	2	809	2	809	2
	809	2	809	2	809	2	809	2
TABLE 4	803	3	803	3	803	3	803	3
	803	3	803	3	803	3	803	3
	803	3	803	3	803	3	803	3
	803	3	803	3	803	3	803	3
	803	3	803	3	803	3	803	3
	803	3	803	3	803	3	803	3
	803	3	803	3	803	3	803	3
	803	3	803	3	803	3	803	3
TABLE 5	803		803		803		803	
	803		803		803		803	
	803		803		803		803	
	803		803		803		803	
	803		803		803		803	
	803		803		803		803	
	803		803		803		803	
	803		803		803		803	

TABLE 6								
TABLE 7								
TABLE 8								
TABLE 9								
TABLE 10								

0	9		
3			
1	0029		
0	9		
3			
1	0019		
Modify Digits MMC 713 : 3.1.5			

20**	B	B	B	B	B	B		0	99	No		No	No	No
21**	B	B	B	B	B	B		0	99	No		No	No	No
50**	B	B	B	B	B	B		0	99	No		No	No	No
51**	B	B	B	B	B	B		0	99	No		No	No	No
9	9	9	9	9	9	9		1	99	No		No	No	No
	DID Ringing MMC 714 : 3.2.3													

21		
51		
20		
50		
N-LCR MMC 724 : 2.8.0		

SVMi Card	<- 7200			1		<- 7030	
No				1			
1				1			
2				1			
3				1			
4				1			
2				5100			
2				80			
5000				Restart			
80				No			
Restart				Yes			
No				Yes			
Yes				Yes			
Yes				No			
Yes				No			
No				No			
No				No	Remote if Cent. vMail still NO		
No				No			
Yes	Main if Cent. vMail	else NO		No			
No				Yes			
Yes				No			
Yes				No			
No							
No							
	SVMi Options MMC 740 : 2.1.6						

001	192.168.1.91		Off	Off	G.729a	
002	70.89.29.34	Remote	Off	Off	G.729a	
	System Link ID MMC 820 : 3.3.1					

Yes		**Note: all classes set the same for now**				
Yes						
Yes						
No						
Yes	<--	CCNR	Check these			
Yes	<--	CFB	Check these			
Yes						
Yes						
No						
2						
2						
3 (Always)						
No						
No						
Yes						
2						
2						
Yes						
Yes						
No						
Network COS MMC 823 : 4.7.3						

21	00221	No	4	7	Yes			C is	YES	on Mail System		
51	00251	No	4	7	Yes				YES	if using Cent. VoiceMail		
20	00120	No	4	7	Yes							
50	00150	No	4	7	Yes							
								Note: be aware of Wait Len. And Max Digit ! !				
								Especially if you can't put remote vMail address				
								in Next port in MMC 601				
	Network Dial Trans. MMC 824 : 3.3.2											

		Yes					
		Yes					
		MGI Signaling					
		Off					
		5					
		Enblock					
		Off					
Remote Voice Mail		Status	Trunk Number	Outgoing Digit			
	Value	No					
Remote Attendant		Status	Trunk Number	Outgoing Digit			
	1	No					
	2	No					
	3	No					
	4	No					
	5	No					
	6	No					
	Below is for Remote Location using Mail Loc. vMail . . .						
vMail Value=	or YES for Cent. vMail			YES	50	19	or 39 or 49
	Note: use Ballard's scheme for Preset fwd No ans. To Cent. vMail						
	Use 50 | 39 or 19 in User Fwd. Xfer 102 options 50 trunk 39 or 19 digits						
	Ballard's scheme: fwd to group w. 1 sec. overflow to Main Cent. vMail group.						
	and on SVMi, program Station fwd to redirect that group use on remote to proper						
	Mailbox pe (use one group on remote per station w. vMail)						
	Networking Options MMC 825 : 3.3.4						

	Enable			
	8TRK2 Mode			
	0			
	32			
	64			
	Disable			
	32			
	32			
	30			
	150			
	1			
	250			
	Enable			
	3			
	Enable			
	2			
	5			
	00000000			
	Disable			
	0			
	0			
Audio Codec	**G.729a**	<-- Change Me if Necessary		
	20ms			
	20ms			
	20ms			
	30ms			
	MGI Options MMC 835 : 2.1.6			