

CS 1000 Product Improvement and Customer Solutions October 2019

CS 1000 Plug-in Feature

Plug-in Feature Overview and Summary

The purpose of this software enhancement was to build the structure to allow the integration of select Product Improvement (PI) patches with the capability to enable or disable each through the overlay. Such integrated patches are known as Plug-ins. A table was created with 1024 Fields to facilitate the capacity of up to 512 Plug-ins. The Enabling or disabling capability was introduced and protected by a password. This password is the 2nd level password.

Package 366 as EMEA only Plug-ins was introduced with Rls 24; several Plug-ins were added in subsequent releases.

Package 409 as Global Plug-ins was introduced with Rls 5.0; several Plug-ins were added in subsequent releases.

Plug-ins that were "enabled" in the previous release will continue to be "enabled" in the current release, if they are supported.

Plug-ins that were supported in the previous release but not supported in the current release, the status is set to "obsolete".

New Plug-ins that are supported from this release are set to "disabled" state; others are set to "not supported" state.



System Administration

Overlay 22 to print out the new PLUGIN package and Plug-ins/patch information.

PDT Administration

Problem Determination Tools PDT current commands to support Plug-ins Three PDT commands to enable disable and print the status

Enable the Plug-in:	ple <plug-in number=""></plug-in>
Disable the Plug-in:	pld <plug-in number=""></plug-in>
Print the status of the Plug-in:	plp [<plug-in number="">]</plug-in>

System Management – full support for Plug-ins was introduced with Release 7.0, under Element Manager / System / Plug-ins.

Αναγα

CS1000 Element Manager

- UCM Network Services	Managing: 192.168.29.1	4 Username: admin oftware » Plug-ins			
- Home - Links	Plug-ins				
- Virtual Terminals					
- System + Alarms	Enable Disable			Print E	<u>tefresh</u>
- Maintenance + Core Equipment	<u> </u>	Jescription	MPLR Number	Status	<u>^</u>
– Peripheral Equipment	1 🔽 U	Special dial tone with NT8D17CA CONF/TDS pack	MPLR02330	Enabled	
+ IP Network + Interfaces	2 🔽 1	BRI B-channels not marked MBSY when D-channel drops	MPLR12002	Enabled	
- Engineered Values - Emergency Services	3 🔲 2	Automatic Wake Up AWU is automatically turned on and confirmed after an Initialization (manual or system)	MPLR02860	Disabled	
+ Geographic Redundancy	4 🛄 3	Hotline feature enhancement	MPLR11506	Disabled	
– Software – Call Server PEPs	5 4	After dialing LSC followed by DSC, user gets overflow tone	MPLR02871	Disabled	
- Call Server PEPS - Loadware PEPs	6 🔲 5	NRGA is not working with tandem node & digit manipulation	MPLR06084	Disabled	
- File Upload	7 🗖 6	BCS set releases from call transfer to attendant	MPLR02056	Enabled	
– IP Phone Firmware – Voice Gateway Media Card	8 🔲 7	DID with DNIS and IDC cannot call PLDN using SCLU	MPLR06413	Disabled	
– Media Cards PEPs	9 🗖 8	Ability to CFW a set to PLDN using SCLU	MPLR06450	Disabled	
- Plug-ins	10 🔲 9	Update the display if ATTN extends call with announcement	MPLR07136	Disabled	
- Customers - Routes and Trunks	11 10	CFW call to NAS is intercepted to NITE DN	MPLR07615	Disabled	
- Routes and Trunks	12 🔲 11	RAN cannot be accessed via route ACOD over network	MPLR11339	Disabled	
– D-Channels	13 12	Maintenance messages flooding TTY -> TTY unusable	MPLR08777	Disabled	
– Digital Trunk Interface	14 🔲 13	MCT should be output on answer from 500 sets	MPLR07477	Disabled	
- Dialing and Numbering Plans - Electronic Switched Network - Flexible Code Restriction	15 🗌 14	MCDN - ORIG DN display is preceded with a "H"; also contains MPLR18064, MPLR25286, MPLR29475	MPLR09806	Disabled	~

AVAYA

Updated List with current CS 1000 RIs 7.6

The following is a master list of all supported Plug-ins up to Release 7.6.

Please note that some Plug-ins were enhanced or updated with Release 7.6, some are also supported with both EMEA and Global Plug-in packages.

- EMEA Plug-ins
 - Software Package 366 (\$0)
 - Plug-in number 00 to 199
- Global Plug-ins
 - Software Package 409 (\$ optional package)
 - Plug-in number 200 to 399
- Special Plug-ins
 - Independent of Package 409 (\$0)
 - Plug-in number 400 to 511*

* Range of Special Plug-ins (package independent) was extended in R7.5 time – was 500 to 511 prior to R7.5

Plug-in #	CR/WI	MPLR	Description	EMEA (366)	Global (409)	Notes
PLUGIN 0	BV67946	2330	Special dial tone with NT8D17CA CONF/TDS pack	x	-	
PLUGIN 1	BV63269	MPLR12002	BRI B-channels not marked MBSY when D- channel drops	x	-	
PLUGIN 2	BV69389	2860	Automatic Wake Up AWU is automatically turned on and confirmed after an Initialization (manual or system)	x	-	
PLUGIN 3	BV69237	MPLR11506	Hotline Feature Enhancement	х	-	
PLUGIN 4	BV19192	2871	After dialing LSC followed by DSC, user gets overflow tone	x	x	Extend support to Global Plug-in with Rls 5.0 & higher
PLUGIN 5	BV71211	MPLR06084	NRGA is not working with tandem node & digit manipulation	x	-	
PLUGIN 6	BV28124	2056	BCS set releases from call transfer to attendant	х	-	
PLUGIN 7	MP05648	MPLR06413	DID with DNIS and IDC cannot call PLDN using SCLU	x	-	



Plug-in #	CR/WI	MPLR	Description	EMEA (366)	Global (409)	Notes
PLUGIN 8	MP05649	MPLR06450	Ability to CFW a set to PLDN using SCLU	х	-	
PLUGIN 9	BV40679	MPLR07136 MPLR29268		х	-	Additional functionalities were added with RIs 7.5
PLUGIN 10	BV42928	MPLR07615	CFW call to NAS is intercepted to NITE DN	х	-	
PLUGIN 11	BV62151	MPLR11339	RAN cannot be accessed via route ACOD over network	X	-	
PLUGIN 12	BV63726	MPLR08777	Maintenance messages flooding TTY -> TTY unusable	x	x	Extend support to Global Plug-in with RIs 5.5 & higher
PLUGIN 13	BV71206	MPLR07477	MCT should be output on answer from 500 sets	X	-	
PLUGIN 14	BV70355	MPLR09806 MPLR18064	MCDN - ORIG DN display is preceded with a \"H\"	х	x	Extend support to Global Plug-in with Rls 5.0 & higher
PLUGIN 14	Q01811562	MPLR25286	Plug-in 14 :Additional functionality: Transfer/ Conference support	х	х	
PLUGIN 14	Q02098327	MPLR29475	Plug-in 14 : Additional functionality: support for DPNSS	х	x	
PLUGIN 14	Q02102742	MPLR29475	Plug-in 14 : Additional functionality: support for DECT	х	x	
PLUGIN 15	MP07484	MPLR12767	No CCNR if CLID in ld 15 is configured as AC1 + HLOC	х	-	Additional functionalities
PLUGIN 16	MP06929	MPLR10238	ORION: Auth-code, Pass-code suppression in caller-ist	х	-	were added with RIs 7.0
PLUGIN 17	MP06947	MPLR12611	Support "Make Set Busy" on analogue telephone sets	х	-	
PLUGIN 18	MP02558	MPLR10025	Data calls can terminate on a FFC PLDN	x	-	
PLUGIN 19	MP09251	MPLR10034	Support R2MFC CNI on BRIL set	x	-	



Plug-in #	CR/WI	MPLR	Description	EMEA (366)	Global (409)	Notes
PLUGIN 20	MP06945	MPLR10259	ACD call waiting time	x	-	
PLUGIN 21	MP13003	MPLR10408	RGA on multi-appearance activated against last changed set	x	-	
PLUGIN 22	MP12871	MPLR10445	Ability to Disable/Enable Call waiting Control from any digital set	x	x	Extend support to Global Plug-in with Rls 5.5 & higher
PLUGIN 23	MP12872	MPLR10558	Give CPND on GROUP CALL	x	х	
PLUGIN 24	BV28928	MPLR10877	Tenant night service supported by MMAIL	x	-	Extend support to Global Plug-in with RIs 5.5 & higher
PLUGIN 25	BV31038	MPLR09480	Originator of Q931/DPNSS Gateway call can't Transfer Call	x	-	ngnor
PLUGIN 26	BV43640	MPLR06618	IF LOC+DN is dialed on own node call diverts to attn.	x	-	
PLUGIN 27	BV49770	MPLR07549 MPLR18460 MPLR23083	DID to DID call intercepts to the attn.	x	x	Extend support to Global Plug-in with Rls 5.5 & higher
PLUGIN 28	BV61124	MPLR08887	DASS/ATTN, no speech-path after camp-on	х	-	
PLUGIN 29	BV63496	MPLR09075	500 set to be able to switch-hook flash while listening to Ring-back tone	x	-	
PLUGIN 30	MP03491	MPLR12768	Change the display on UDP/CDP in case of redirection/transfer	x	-	
PLUGIN 31	BV67986	MPLR09583	Allow access SCL/PLDN over DASS/DPNSS	x	-	
PLUGIN 32	BV81369	MPLR09926 MPLR13257	I/C DASS Calls to set CFW ext to busy gets ring tone	x	-	
PLUGIN 33	BV69096	MPLR12581	Turn off DPNSS diversion Feature	x	-	
PLUGIN 33	BV69096	MPLR28554	Update Redirection Info for Diverted DPNSS Calls Routed To SIP By Local Diversion	x	-	Additional functionalities were added with RIs 7.0



Plug-in #	CR/WI	MPLR	Description	EMEA (366)	Global (409)	Notes
PLUGIN 34	MP06876	MPLR12678	Treatment of Orion Intermittent lockups	x	-	
PLUGIN 35	BV69924	MPLR12035	ORION sets are blocking without any action	x	x	Extend support to Global Plug-in with Rls 5.5 & higher
PLUGIN 36	BV43890	MPLR08608	CFW DN not sent with CNI ON Outgoing MFC DID Call	x	x	Extend support to Global Plug-in with RIs 5.0 & higher
PLUGIN 37	BV80459	MPLR10894	ERR5413 When disc an unanswered euro call.	x	-	
PLUGIN 38	BV80957	MPLR11014	CLID enhancement : EUROISDN: "TYPE OF NUMBER" to be kept as "UNKOWN"	х	-	
PLUGIN 39	BV75230	MPLR10344	ACD Calls will not interflow	x	x	Extend support to Global Plug-in with Rls 5.5 & higher
PLUGIN 40	BV49120	MPLR11540	Extra dial-tone when using PLDN to access SCL DN	x	-	
PLUGIN 41	MP05291	MPLR12515	Compose DISA CLID for UIPE	х	-	
PLUGIN 42	MP12024	MPLR17576	Treatment for possible Lockup of non-located DECT sets	x	-	
PLUGIN 43	MP07025	MPLR12764	Mapping of MWI facility message on DPNSS/MCDN GW	x	-	
PLUGIN 44	Spare	Spare	Spare	NA	NA	
PLUGIN 45	Spare	Spare	Spare	NA	NA	
PLUGIN 46	Spare	Spare	Spare	NA	NA	
PLUGIN 47	BV59546	MPLR08685	CDR Enhancement: BLID in case of network redirection	x	-	
PLUGIN 48	BV66375	MPLR12169	No speech-path when transfer call to ORION	x	-	



Plug-in #	CR/WI	MPLR	Description	EMEA (366)	Global (409)	Notes
PLUGIN 49	Spare	Spare	Spare	NA	NA	
PLUGIN 50	Q00350068	MPLR15785	Force changing party category PCAT to EXTENSION on a transit call form Alcatel over QSIG terminating to MCDN	x	-	
PLUGIN 51	Spare	Spare	Spare	NA	NA	
PLUGIN 52	Spare	Spare	Spare	NA	NA	
PLUGIN 53	Q00429387	MPLR16487	DASS/DPNSS: Incoming DASS2 TO Outgoing DASS. If Incoming SIC=0, always send outgoing SIC =10.	x	-	
PLUGIN 54	Spare	Spare	Spare	NA	NA	
PLUGIN 55	Q00424468	5511	EUROISDN: UIPE BRIT status mess. on EST CONFIRM Layer 2	x	-	
PLUGIN 56	Q00424644	MPLR09233 MPLR09624	Update MCDN_BRIT B-Channels status after DISU/ENLU in OVL 32	x	-	
PLUGIN 57	Q00424010	MPLR06795	ALERT MSG not sent to ICT NUME TANDEMED (NCFW)	x	-	
PLUGIN 58	Q00546629	MPLR07423	NUMERIS CALL TANDEM TO ANALOG CO ARE CUT	x	-	
PLUGIN 59	Q00424115		To Enable blind (UNGUARDED) transfer across MCDN Network	x	x	Extend support to Global Plug-in with Rls 5.5 & higher
PLUGIN 60	Q00423908	2215	DELAY THE TIME BETWEEN ACD CALLS	x	-	
PLUGIN 61	Q00513471	MPLR12859	Charge Display feature does not take cent into account.	x	-	
PLUGIN 62	Q00424004	MPLR06740	CONFUSING Call redirection on MADN When MARP=NO	x	-	
PLUGIN 63	Spare	Spare	Spare	NA	NA	



Plug-in #	CR/WI	MPLR	Description	EMEA (366)	Global (409)	Notes
PLUGIN 64	Q00424780	MPLR11988	DPNSS "DIVERTING IMMEDIATE" field missing	x	-	
PLUGIN 65	Q00424693	MPLR10030	DAR call revert back to voice mail	x	-	Not applicable with RIs 7.0 and higher
PLUGIN 66	Q00424662	MPLR11807	Maintain Privacy for companion sets in the case of SCR	x	-	
PLUGIN 67	Spare	Spare	Spare	NA	NA	
PLUGIN 68	Q00349311	MPLR15764	DASS CALL TO BE ROUTED TO ACD QUEUE FOR AODN.	x	-	
PLUGIN 69	Q00424176	MPLR11355	Enable "CARRIER SELECTION" for Telecom- Italia	x	-	
PLUGIN 70	Q00423733	MPLR12554	SPN 411 WITH NON ZERO FLEN DISCARDS TAIL DIGITS	x	-	
PLUGIN 71	Spare	Spare	Spare	NA	NA	
PLUGIN 72	Q00348996	MPLR15741	DAPC DIGIT INSERTION DOESN\'T WORK OVER DPNSS LINK	х	-	
PLUGIN 73	Q00424497	MPLR07113	"MU-LAW" to "A-LAW" conversion cannot be administered on BRI	x	-	
PLUGIN 74	Q00350324	MPLR16079	Support of "Time of day display" on DECT handsets	x	-	
PLUGIN 75- 200	Spare	Spare	Spare for future use as EMEA Plug-in	NA	NA	
PLUGIN 201	Q00424053	MPLR08139	Cant transfer Outgoing Trunk To Outgoing Trunk	-	х	Supported Global Plug-in with Rls 5.0 & higher
PLUGIN 202	Q01033260	MPLR18286	Allow DNIS and INST prompts to work together	-	x	Supported Global Plug-in with Rls 5.0 & higher
PLUGIN 203	Q01245621	MPLR20783	Allow Loop Start trunk to Loop start Trunk Transfer	-	x	Supported Global Plug-in with Rls 5.0 & higher



Plug-in #	CR/WI	MPLR	Description	EMEA (366)	Global (409)	Notes
PLUGIN 204	Spare	Spare	Spare for future use of Global Plug-in	-	x	
PLUGIN 205	Q01226592	MPLR21073	Unable to configure NI2-TIE with CBCR set to NO	-	x	Supported Global Plug-in with Rls 5.5 & higher
PLUGIN 206	Q00954846	MPLR19491	Connected party number inserted at the tandem node	-	x	Supported Global Plug-in with Rls 5.5 & higher
PLUGIN 207	Q01621070	MPLR23784	Ability to Dynamically divert calls without answering	-	х	Supported Global Plug-in with Rls 5.5 & higher
PLUGIN 208	Q00337068	MPLR15593	DPNSS1 CBWF CBWNU support in a mixed UDP CDP network	-	x	New with RIs 7.0
PLUGIN 209	Q00424169	MPLR11158	BCS set cannot CFW i/c DPNSS to o/g DPNSS using TSC	-	х	New with RIs 7.5
PLUGIN 210	Q01203524	MPLR20829	DPNSS: Message Waiting Indicator Message (MWI) over DPNSS to MD110	-	x	New with RIs 7.0
PLUGIN 211	Q01247579	MPLR21094	In MCDN/DPNSS network an incoming DASS2 call is sent with CLC=4(PSTN) doesn't display OLC/CLI	-	x	New with RIs 7.0
PLUGIN 212	Q00423561	MPLR10262	RGA FAILS OVER DPNSS IF UDP/CDP GATEWAY INVOLVED	-	х	New with RIs 7.0
PLUGIN 213	Q01152709	MPLR18073	DPNSS Three party EEM messages are reversed when the CLC 2 does not contain the STATUS parameter	-	x	New with RIs 7.0
PLUGIN 214	Q01877647	MPLR26154	MPLR26152 - DPNSS External CFWD Switching & validation to be allowed + MPLR23702 - CFWD Diversion Only Needed On Internal calls	-	x	New with RIs 7.0
PLUGIN 215	Q00351422	MPLR20518 MPLR15747 MPLR28509	MPLR15747 - call redirected to CP over DPNSS1 does not reach proper mailbox + MPLR20494 - only 8 digits are sent to CP from a DPNSS1 diversion	-	x	New with RIs 7.0
PLUGIN 216	Q00424003	MPLR19790	Remove extra digit in calling party number for NUMERIS	-	х	New with RIs 7.0
PLUGIN 217	Q00608469	MPLR16228	SWISSNET – Support for SN2 supplementary service identification forced.	-	x	New with RIs 7.0



Plug-in #	CR/WI	MPLR	Description	EMEA (366)	Global (409)	Notes
PLUGIN 218	Q01425647	MPLR22384	CLID : No DN and Name displayed in network if CLS CLBA	-	x	New with RIs 7.0
PLUGIN 219	Q01498458	MPLR23001	LSC always displayed after CFW OR CTRN across network	-	x	New with RIs 7.0
PLUGIN 220	Q01413377	MPLR22314	Timer (NIT) between INFO MSG is expired if OVERLAP SENDING	-	x	New with RIs 7.0
PLUGIN 221	Q01422314	MPLR22362	Recall To Same Attendant Does Not Work Over QSIG	-	x	New with RIs 7.0
PLUGIN 222	Q01694286	MPLR22688	Remove secondary dial-tone after 500 user dials FFC SPCU	-	x	New with RIs 7.0
PLUGIN 223	Q00669044	MPLR12290	HICOM rejects QSIG CCBS request with no calling number	-	x	New with RIs 7.0
PLUGIN 224	Q01694286	MPLR24422 MPLR24676	No busy treatment on external transfer through application if OUT_T306 > 0 (MERGE of MPLR18804 (PI: CALLPILOT: M1 is rejecting Call Transfer from CP)+ Fix CR Q01694286 (Not able to merge the call when call transfer from Call Pilot)	-	×	New with RIs 7.0
PLUGIN 225	Q00582698		Interaction :PKG 179, M3900 sets, electronic lock feature, Voice Mail & CP soft-key	-	x	New with RIs 7.0
PLUGIN 226	Q00349529	MPLR15783	ACLID should display more than 10 digits	-	х	New with Rls 7.5
PLUGIN 227	wi00862011	MPLR19751	Modification to CLID sent to pager in case of TRDN > length of CLID	-	x	New with RIs 7.6 Obsoleted by PLUGIN 400 from RIs 7.6 SP8
PLUGIN 228	Q00424514	MPLR07613	TTY 0 on CPU card (8/1/N) causes cursor to go up on VDU	-	x	New with RIs 7.0
PLUGIN 229	Spare	Spare	Spare for future use of Global Plug-in	-	x	
PLUGIN 230	Q00424199	MPLR11700	Unplugged telephone set disables after midnight routines.	-	x	New with RIs 7.0
PLUGIN 231	Q00424726	MPLR10878	BRI 64K data not possible over DTI2; with mix of (DTI & DTI2)	-	x	New with RIs 7.0



Plug-in #	CR/WI	MPLR	Description	EMEA (366)	Global (409)	Notes
PLUGIN 232	Q01606556	MPLR24273	QSIG GF: No diverting and originally called number in DLI2 APDU on calls from MCDN TRO-BA.	-	x	New with RIs 7.0
PLUGIN 233	Q00741430	MPLR16506	MWI (High Voltage) Support for CLASS set with CLS LPA	-	х	New with RIs 7.0
PLUGIN 234	wi00933693	MPLR31293	Allow 1110,1210, 2033 and 2011 IP UNIStim sets to dial Flexible Feature code "FFC code" for MSB feature	-	х	New with RIs 7.6
PLUGIN 235	Q01346277	MPLR29100	Restrict Hands-free functionality for all IP set types.	-	х	New with RIs 7.0
PLUGIN 236	Q01777861	MPLR25106	Support of Autodial to output DTMF for CO as Auth-codes	-	х	New with RIs 7.5
PLUGIN 237	wi00925785	MPLR31280	Support of External caller's name when caller goes through IDC table.	-	x	New with RIs 7.6
PLUGIN 238 - 399	Spare	Spare	Spare for future use of Global Plug-in	NA	NA	
PLUGIN 400	wi00862011	MPLR19751 MPLR33675 MPLR33861	Modification to CLID sent to pager in case of TRDN > length of CLID (independent of Package 409/366)	-	-	New with Rls 7.6 Replace PLUGIN 227 from SP8
PLUGIN 401	CS1000-8008	MPLR33891	Required to ignore FAX tones for non-fax calls (independent of Package 409/366)	-	-	New with Rls 7.6 SP11
PLUGIN 402 - 499	Spare	Spare	Spare for future use of Global Plug-in (independent on Package 409/366)	NA	NA	
PLUGIN 500	Q01217702	MPLR21979	Provide delay in Call Pilot greeting for virtual trunk calls (independent of Package 409/366 with RIs 7.0)	-	-	Introduced with RIs 5.5
PLUGIN 501	Q02138637	MPLR30070	Support of blind transfer from CS1K (if far end does not support SIP UPDATE) (independent of Package 409/366)	-	-	New with RIs 7.0 Additional functionalities were added with RIs 7.5
PLUGIN 502	wi00899880	MPLR31148	Modifications to CLIR display to accommodate select 3rdparty voice mail/messaging applications (independent of Package 409/366)	-	-	New with RIs 7.6



Plug-in #	CR/WI	MPLR	Description	EMEA (366)	Global (409)	Notes
PLUGIN 503	Spare	Spare	Spare for Special Applications (independent of Package 409/366)	-	-	
PLUGIN 504	Q01718956	MPLR24744	PI: PRI232 BUG253 from Progress Indicator 10 Delay in Response at Called Interface (independent of Package 409/366)	-	-	New with RIs 7.5
PLUGIN 505	wi00641909	MPLR30004	UM2K integration workaround with S100 Interface [to ignore the high bit on the channel received on S100 Interface D-Channels.] (independent of Package 409/366)	-	-	New with RIs 7.5
PLUGIN 506	wi00842400	MPLR30609	Mobile-x CLID; update on mobile after handoff Applicable to outgoing calls only. MPLR30523 was replaced by MPLR30609. (independent of Package 409/366)	-	-	New with RIs 7.6
PLUGIN 507	wi00828731	MPLR30310	Mobile X Timer MBXT has no effect because no "ALERT" received (independent of Package 409/366)	-	-	New with RIs7.6
Plug-in 508	Q00349531	MPLR15939	When IDC is defined to an incoming DID route and a call is presented to a vacant number the call is routed to the intercept key on Attendant console. Requirement is to force CTVN feature to operate without configuring IDC records for each vacant number. Ability for system administrator to select a treatment that will be provided for DID trunk calls to vacant numbers. Note: Plug-in #508 replaces transfer to attendant operation with intercept treatment operation (independent of Package 409/366)	_	_	New with RIs 7.6
PLUGIN 509	wi00893169	MPLR21444	Modifications to CLIR display to accommodate select 3rdparty voice mail/messaging applications (independent of Package 409/366)	-	-	New with RIs 7.6
PLUGIN 510	wi00906887	MPLR30350 MPLR07290	MFC: IF CNDN > 4 digits then only CNDN info sent as CNI (independent of Package 409/366)	-	-	New with RIs 7.6
PLUGIN 511	Spare	Spare	Spare for Special Applications (independent on Package 409/366)	-	-	

