



# APPENDIX **D**


## Cisco Unified TAPI Operations-by-Release

The following tables list new, changed, and “under consideration or review” features for Cisco Unified TAPI by Cisco Unified Communications Manager release.

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### Table Legend

 Supported

 Not Supported

 Modified

**Table D-1**      **API Interfaces**

TSP Features	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	6.0	6.1	7.0	7.1.2	7.1.3	8.0
CTI Manager and Support for fault tolerance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support for Cisco CallManager Extension Mobility	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support for Multiple CiscoTSP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
(Redirect Support for) Blind Transfer	✓	✓	✓	ⓘ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table D-1 API Interfaces (continued)

TSP Features	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	6.0	6.1	7.0	7.1.2	7.1.3	8.0
Support for swap hold and setup transfer with the lineDevSpecific() function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support for lineForward()	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support to Reset the Original Called Party upon Redirect with the lineDevSpecific function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support to Set the Original Called Party upon Redirect with the lineDevSpecific function	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Line In-Service or Out-of-Service	i	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support for multiple languages in the CiscoTSP installation program and in the CiscoTSP configuration dialogs	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
User Deletion from Directory	✗	✗	i	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Opening Two Lines on One CTI Port Device	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support for linePark and lineUnpark	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support for monitoring Call Park Directory Numbers using lineOpen	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Call Reason Enhancements	✗	✗	i	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Device Data Passthrough	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CiscoTSP Auto Update	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multiple Calls per Line Appearance	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Shared Line Appearance	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Select Calls	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transfer Changes	✗	✗	✗	i	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Direct Transfer	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conference Changes	✗	✗	✗	i	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Join	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Privacy Release	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Barge and cBarge	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dynamic Port Registration	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table D-1 API Interfaces (continued)

TSP Features	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	6.0	6.1	7.0	7.1.2	7.1.3	8.0
Media Termination at Route Points	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
QoS support	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support for Presentation Indication	✗	✗	✗	✓	✓	✓	✓	✓	ℹ	✓	✓	✓	✓	✓	✓
Windows 2003 Support	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Unicode Support	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
SRTP support	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
Partition Support	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
SuperProvider Functionality	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
Security (TLS) support	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
FAC/CMC Support	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CTI Port Third Party Monitoring	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alternate Script Support	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
SIP Features Refer/Replaces	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
SIP URI	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
SIP phone support	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
Change Notification of SuperProvider and CallParkDN Monitoring flags	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
3XX	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓
Intercom Support	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
Secure Conferencing Support	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
Monitoring & Recording	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
Arabic and Hebrew Language Support	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
Do-Not-Disturb Support	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
Conference Enhancement	✗	✗	✗	✗	✗	✓	✓	✗	✗	✓	✓	✓	✓	✓	✓
Join AcrossLine (SCCP)	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗	✓	✓	✓	✓	✓
Join AcrossLine (SIP)	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓
Locale Infrastructure Enhancement	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓

Table D-1 API Interfaces (continued)

TSP Features	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	6.0	6.1	7.0	7.1.2	7.1.3	8.0
Do-Not-Disturb Rejection	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔	✔
Call Party Normalization	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔	✔
Click-To-Conference	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔	✔
IPv6 Support on Linux	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Windows Vista Support	✘	✘	✘	✘	✘	✔	✔	✘	✔	✘	✔	✔	✔	✔	✔
Enhanced MWI	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Direct Transfer Across Lines	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Support for > 100DNs	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Swap/Cancel support on Cisco Unified IP Phone 8900 and 9900 Series	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Drop Any Party	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Park Reversion	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Conditional Reset	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Logical Partition	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Assisted DPark	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Cisco Unified IP Phone 6900 Series Support	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Device State Server	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔
Exposing Busy Trigger / Line Number / Voice Mail Pilot / Line Label / New call outbound rollover/ Consult call rollover/JAL/DTAL flag and IP address (IPv4 & IPv6) of the device	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔
Hunt List Support	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔
Call Intercept Support	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔
External Call Control (ECC) Support	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔
Call Control Discover (CCD) Support	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔
Extension Mobility Cross Cluster (EMCC) Support	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔
Call Pickup Support	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔
End-To-End Call Tracing	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔

**Table D-1** API Interfaces (continued)

TSP Features	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	6.0	6.1	7.0	7.1.2	7.1.3	8.0
Secure Monitoring Support	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
Unified B2B link support	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
iSAC Codec Support	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
New TSP Client with remote silent installation	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
New Cisco TSP Wave Driver (Cisco RTP Library)	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓

**Table D-2** TAPI Line Functions

TAPI Line Functions	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	6.0	6.1	7.0	7.1.2	7.1.3	8.0
LineAddToConference	✓	✓	✓	i	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LineCompleteTransfer	✓	✓	✓	i	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LineDevSpecific	i	✓	✓	i	i	✓	✓	✓	i	i	✓	i	i	✓	i
LineForward	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LinePark	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LineUnpark	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LineRedirect	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LineBlindTransfer	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LineDevSpecificFeature	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
LineRemoveFromConference	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓

**Table D-3** TAPI Line Messages

TAPI Line Messages	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	6.0	6.1	7.0	7.1.2	7.1.3	8.0
LINE_ADDRESSSTATE	i	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LINE_CALLINFO	i	✓	✓	✓	✓	✓	✓	i	i	i	i	i	i	✓	✓
LINE_CALLSTATE	✓	✓	✓	i	i	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LINE_REMOVE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LINE_DEVSPECIFIC	✓	✓	✓	✓	i	✓	✓	✓	i	i	✓	✓	✓	i	i

**Table D-3** TAPI Line Messages (continued)

LINE_DEVSPECIFICFEATURE	✘	✘	✘	✘	✘	✘	✘	✘	✘	✘	✔	✔	✔	✔	✔	✔
LINE_CALLDEVSPECIFIC	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

**Table D-4** TAPI Line Structures

TAPI Line Structures	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	6.0	6.1	7.0	7.1.2	7.1.3	8.0
LINEADDRESSCAPS	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
LINECALLSTATUS	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
LINEFORWARD	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
LINEFORWARDLIST	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
LINEDEVCAPS	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
LINEDEVSTATUS	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
LINECALLINFO	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

**Table D-5** TAPI Phone Functions

TAPI Phone Functions	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	6.0	6.1	7.0	7.1.2	7.1.3	8.0
PhoneDevSpecific	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
PhoneGetStatus	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

**Table D-6** TAPI Phone Messages

TAPI Phone Messages	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	5.2	6.0	6.1	7.0	7.1.2	7.1.3	8.0
PHONE_REMOVE	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
PHONE_DEVSPECIFIC	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

**Table D-7** TAPI Phone Structures

TAPI Phone Structures	3.1	3.2	3.3	4.0	4.1	4.2	4.3	5.0	5.1	5.2	6.0	6.1	7.0	7.1.2	7.1.3	8.0
PHONECAPS	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
PHONESTATUS	✘	✘	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔



