



# Cisco Unified TAPI Operations-by-Release

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## 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.

- API Interfaces
- TAPI Line Functions
- TAPI Line Messages
- TAPI Line Structures
- TAPI Phone Functions
- TAPI Phone Messages
- TAPI Phone Structures

Table legend:

s: supported, N: not supported, M: Modified, UCR: Under Consideration or Review.

**Table 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	7.12	7.13	8.0	8.5	8.6	9.0	9.1	10.0
CTI Manager and Support for fault tolerance	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Support for Cisco CallManager Extension Mobility	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Support for Multiple CiscoTSP	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s

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	7.12	7.13	8.0	8.5	8.6	9.0	9.1	10.0
(Redirect Support for) Blind Transfer	s	s	s	M	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Support for swap hold and setup transfer with the lineDevSpecific() function	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Support for lineForward()	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Support to Reset the Original Called Party upon Redirect with the lineDevSpecific function	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Support to Set the Original Called Party upon Redirect with the lineDevSpecific function	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Line In-Service or Out-of-Service	M	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Support for multiple languages in the CiscoTSP installation program and in the CiscoTSP configuration dialogs	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
User Deletion from Directory	N	N	M	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Opening Two Lines on One CTI Port Device	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Support for linePark and lineUnpark	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Support for monitoring Call Park Directory Numbers using lineOpen	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Call Reason Enhancements	N	N	M	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Device Data Passthrough	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
CiscoTSP Auto Update	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s

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	7.12	7.13	8.0	8.5	8.6	9.0	9.1	10.0
Multiple Calls per Line Appearance	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Shared Line Appearance	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Select Calls	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Transfer Changes	N	N	N	M	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Direct Transfer	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Conference Changes	N	N	N	M	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Join	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Privacy Release	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Barge and cBarge	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Dynamic Port Registration	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Media Termination at Route Points	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
QoS support	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Support for Presentation Indication	N	N	N	s	s	s	s	s	M	s	s	s	s	s	s	s	s	s	s	s
Windows 2003 Support	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Unicode Support	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s
SRTP support	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s
Partition Support	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s
SuperProvider Functionality	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s
Security (TLS) support	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s
FAC/CMC Support	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
CTI Port Third Party Monitoring	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
Alternate Script Support	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s
SIP Features Refer/Replaces	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s
SIP URI	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s

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	7.12	7.13	8.0	8.5	8.6	9.0	9.1	10.0
SIP phone support	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s
Change Notification of SupetProvider and CallParkDN Monitoring flags	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s
3XX	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s
Intercom Support	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s
Secure Conferencing Support	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s
Monitoring & Recording	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s
Arabic and Hebrew Language Support	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s
Do-Not-Disturb Support	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s
Conference Enhancement	N	N	N	N	N	s	s	N	N	s	s	s	s	s	s	s	s	s	s	s
Join AcrossLine (SCCP)	N	N	N	N	N	N	N	s	s	N	s	s	s	s	s	s	s	s	s	s
Join AcrossLine (SIP)	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s
Locale Infrastructure Enhancement	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s
Do-Not-Disturb Rejection	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s
Call Party Normalization	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s
Click-To-Conference	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s
IPv6 Support on Linux	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
Windows Vista Support	N	N	N	N	N	s	s	N	s	N	s	s	s	s	s	s	s	s	s	s
Enhanced MWI	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
Direct Transfer Across Lines	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
Support for > 100DNs	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
Swap/Cancel support on Cisco Unified IP Phone 8900 and 9900 Series	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
Drop Any Party	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s

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	7.12	7.13	8.0	8.5	8.6	9.0	9.1	10.0
Park Reversion	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
Conditional Reset	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
Logical Partition	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
Assisted DPark	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
Cisco Unified IP Phone 6900 Series Support	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
Device State Server	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s
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	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s
Hunt List Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
Call Intercept Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
External Call Control (ECC) Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
Call Control Discover (CCD) Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
Extension Mobility Cross Cluster (EMCC) Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
Call Pickup Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
End-To-End Call Tracing	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
Secure Monitoring Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
Unified B2B link support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
iSAC Codec Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
New TSP Client with remote silent installation	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s

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	7.12	7.13	8.0	8.5	8.6	9.0	9.1	10.0
New Cisco TSP Wave Driver (Cisco RTP Library)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s
Agent Greeting	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s
Agent Zip Tone	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s
Early Offer	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s
Extension Mobility Memory Optimization	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s
Other-Device State Notification	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s
Energy Wise	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s
Whisper Coaching	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s
FIPS Compliant (UCR 2008 support)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s
Password Expiry and Account Lockout (UCR 2008 support)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s
Support for Codian SIP MCU	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s
TSP Native 64Bit support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s
TSP Native 64Bit SRTP support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s
Support for multiple calls per line on RTLite Phones	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s
Single Sign On	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s
URI Dialing	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s
Recording Enhancement (Device Based Recording)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s
Hunt Pilot Connected Number	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s
Native Queuing	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s
CIUS Session Persistency	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s

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	7.12	7.13	8.0	8.5	8.6	9.0	9.1	10.0	
CTI Remote Device (Cisco Extend & Connect)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s
CTI Remote Device - Extend Mode for CSF Removed	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s
CTI Remote Device - ADR (Application Dial Rule) Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s
CTI Remote Device - Remote Destination Reachability Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s
CTI Remote Device - DTMF Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s	s
CTI Remote Device -Persistent Call	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s
CTI Remote Device -Announcement Call	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s
CTI Remote Device -Call Forwarding	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s
CTI Remote Device - NuRD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s
CTI Remote Device - Mobility Interaction Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s
CTI Video Support	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s
Gateway Recording	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s
CCMSymmetric Encryption Enhancements -AsymmetricEncryption	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s
Video on Hold	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	s

Table 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	7.13	8.0	8.5	8.6	9.0	9.1	10.0
LineAddToConference	s	s	s	M	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s

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	7.13	8.0	8.5	8.6	9.0	9.1	10.0
LineCompleteTransfer	s	s	s	M	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
LineDevSpecific	M	s	s	M	M	s	s	s	M	M	s	M	M	s	M	M	M	M	M	s
LineForward	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
LineMakeCall	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	M
LinePark	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
LineUnpark	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
LineRedirect	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
LineBlindTransfer	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
LineDevSpecificFeature	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s
LineRemoveFromConference	N	N	N	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s

Table 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	7.13	8.0	8.5	8.6	9.0	9.1	10.0
LINE_ADDRESSSTATE	M	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
LINE_CALLINFO	M	s	s	s	s	s	s	M	M	M	M	M	M	s	M	M	M	s	s	s
LINE_CALLSTATE	s	s	s	M	M	s	s	s	s	s	s	s	s	s	s	s	s	s	s	M
LINE_REMOVE	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s
LINE_DEVSPECIFIC	s	s	s	s	M	s	s	s	M	M	s	s	s	M	M	s	M	M	s	M
LINE_DEVSPECIFICFEATURE	N	N	N	N	N	N	N	N	N	s	s	s	s	s	s	s	s	s	s	s
LINE_CALLDEVSPECIFIC	s	s	s	s	M	s	s	s	M	M	s	s	M	s	M	M	s	s	s	M

Table 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	7.12	7.13	8.0	8.5	8.6	9.0	10.0
LINEADDRESSCAPS	M	s	s	M	M	s	s	s	s	s	s	s	s	s	s	s	s	s	M
LINECALLSTATUS	s	s	s	M	M	s	s	s	s	s	s	s	s	s	s	s	s	s	M
LINEFORWARD	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	M
LINEFORWARDLIST	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	M
LINEDEVCAPS	s	s	M	s	s	s	s	M	M	M	s	s	M	M	M	s	s	M	M



<b>TAPI Line Structures</b>	<b>3.1</b>	<b>3.2</b>	<b>3.3</b>	<b>4.0</b>	<b>4.1</b>	<b>4.2</b>	<b>4.3</b>	<b>5.0</b>	<b>5.1</b>	<b>6.0</b>	<b>6.1</b>	<b>7.0</b>	<b>7.12</b>	<b>7.13</b>	<b>8.0</b>	<b>8.5</b>	<b>8.6</b>	<b>9.0</b>	<b>10.0</b>
LINEDEVSTATUS	s	s	s	s	s	s	s	M	s	M	s	s	s	s	s	s	s	s	s
LINECALLINFO	s	s	s	s	s	s	s	s	M	M	M	M	M	M	M	M	s	s	M
LINECALLPARAMs	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	M

Table 5: TAPI Phone Functions

<b>TAPI Phone Functions</b>	<b>3.1</b>	<b>3.2</b>	<b>3.3</b>	<b>4.0</b>	<b>4.1</b>	<b>4.2</b>	<b>4.3</b>	<b>5.0</b>	<b>5.1</b>	<b>6.0</b>	<b>6.1</b>	<b>7.0</b>	<b>7.12</b>	<b>7.13</b>	<b>8.0</b>	<b>8.5</b>	<b>8.6</b>	<b>9.0</b>	<b>10.0</b>
PhoneDevSpecific	N	N	s	s	s	s	s	M	s	s	s	s	s	s	s	s	s	s	s
PhoneGetStatus	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s

Table 6: TAPI Phone Messages

<b>TAPI Phone Messages</b>	<b>3.1</b>	<b>3.2</b>	<b>3.3</b>	<b>4.0</b>	<b>4.1</b>	<b>4.2</b>	<b>4.3</b>	<b>5.0</b>	<b>5.1</b>	<b>5.2</b>	<b>6.0</b>	<b>6.1</b>	<b>7.0</b>	<b>7.12</b>	<b>7.13</b>	<b>8.0</b>	<b>8.5</b>	<b>8.6</b>	<b>9.0</b>	<b>10.0</b>
PHONE_REMOVE	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	
PHONE_DEVSPECIFIC	s	s	s	s	s	s	s	s	s	s	s	s	s	s	M	M	s	s	s	

Table 7: TAPI Phone Structures

<b>TAPI Phone Structures</b>	<b>3.1</b>	<b>3.2</b>	<b>3.3</b>	<b>4.0</b>	<b>4.1</b>	<b>4.2</b>	<b>4.3</b>	<b>5.0</b>	<b>5.1</b>	<b>5.2</b>	<b>6.0</b>	<b>6.1</b>	<b>7.0</b>	<b>7.12</b>	<b>7.13</b>	<b>8.0</b>	<b>8.5</b>	<b>8.6</b>	<b>9.0</b>	<b>10.0</b>
PHONECAPS	s	s	s	s	s	s	s	s	s	s	s	s	s	s	M	M	s	s	s	
PHONESTATUS	N	N	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	

