



Cisco TelePresence Management Suite

version 13.0

January 2011

Cisco TMS 13.0 Key Features and Concepts


- Cisco rebranding
- Enhancing real-time conference controls for the conference operator
- Continued development of the widest and most comprehensive device support in the industry
- Best in Class Interoperability for IT requirements

Cisco Rebranding



TANDBERG Management Suite

is now...

 **TelePresence Management Suite**

New name, same industry leading product...

- Cisco TelePresence Management Suite
- Cisco TelePresence Management Server

Shorthand references use Cisco TMS

Extension Products also rebranded

- Cisco TelePresence Management Suite Extension for Microsoft Exchange – Cisco TMSXE
- Cisco TelePresence Management Suite Extension for IBM Lotus Notes – Cisco TMSXN
- Cisco TelePresence Management Suite Extension Booking API – Cisco TMSBA
- Cisco TelePresence Management Suite Analytics Extension – Cisco TMSAE
- Cisco TelePresence Management Suite Network Integration Extension – Cisco TMSNI

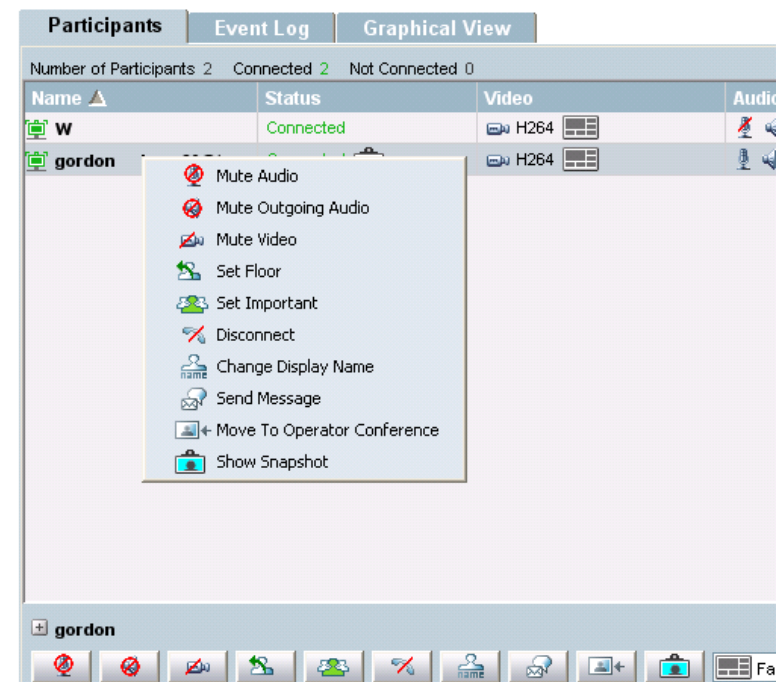
Enhanced Reach for the Conference Operator

Empowering the conference operator is the focus of this release

- Ensure control over **all** conferences (scheduled and ad hoc)
- Improve diagnostics information and alerts
- Expand existing features

Cisco TMS is the leader in real-time conference management allowing single point of control for all calls on the network

- Point-to-Point
- MultiSite/MCU
- MeetMe
- SIP/H323/ISDN



Expanded Ad hoc Conference Control

Greater proportion of collaboration occurring during on-demand sessions ... MeetMe, direct dial, etc.

Conference Operator Controls now expanded to all calls – not just those initiated by Cisco TMS

Monitor and drive any MCU conference across all MCUs including...

- Permanent MCU conferences
- MeetMe conferences
- Auto-Attendant conferences
- IVR or direct dial initiated conferences

The screenshot displays the 'Conference Control Center' interface. On the left, there is a search bar and a tree view of conference statuses. The 'Idle' status is highlighted with a red box, showing a list of conferences including '281 - Permanent: utest c', '1445 - Permanent: Torgr', '1444 - Permanent: Wout', '1443 - Permanent: Tor C', '1442 - Permanent: Torgt', '1441 - Permanent: Danie', and '1838 - Ad Hoc: Monday'. On the right, a 'Conference Overview (Idle)' table is shown with columns for 'Id' and 'Title'.

Id	Title
1838	Ad Hoc: Monday
1441	Permanent: Daniel
1443	Permanent: Tor Olavs permanent Foo
1442	Permanent: Torgeir
1445	Permanent: Torgeir's Permanent Conference
1444	Permanent: Wouter
281	Permanent: utest dial in conference

New 'Idle' Conference state separates running conferences that aren't in use

Expanded Diagnostics for the Operator

- Participant packet loss alerts for Codian MCUs
 - Critical Alerts now map to CCC Alerts
- H.239 icon for content contributor for Codian MCU Conferences
- New Per Participant drill-down expands detailed status about each participant

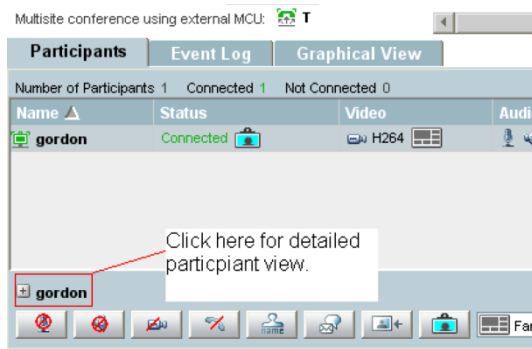
Packet Counters

Packet Loss

Frame rates

And more...

Jitter



Per Participant drill-down

A screenshot of a "Statistics" window for "Testsystem_11(T6000)". The window is divided into two sections: "Video" and "Audio". Each section has a table with "Transmit" and "Receive" columns. The "Video" section shows metrics for H264, including resolution (704 x 576), frame rate (25 fps), and bit rates. The "Audio" section shows metrics for G722, including packets (43650) and packets lost (0).

	Transmit	Receive
Codec:	H264	H263
Resolution:	704 x 576	704 x 576
Interlaced:	No	No
Frame rate:	25 fps	12 fps
Channel bit rate:	768 Kbps	704 Kbps
Selected bit rate:	704 Kbps	704 Kbps
Actual bit rate:	5 Kbps	35 Kbps
Bit rate limit reason:	Aggregate Band...	Not limited
Packets:	43564	21876
Packets lost:	2	0
Jitter:	9.0 ms	-

	Transmit	Receive
Codec:	G722	G722
Packets:	43650	87400
Packets lost:	0	0

Improve Service Response Time

Cisco VCS Cluster Views

- All registrations for a cluster listed together in System Navigator
- All calls for a cluster listed together in System Navigator
- Quickly find which cluster node is used with new search in active calls and registrations

Stranded User Alerts

- Users stranded in an Auto-Attendant too long generate an alert to operators

Send Message to any devices

- CCC Send message feature can now use MCU's onscreen text feature so any endpoint
- Send a message to one, many, or all conference participants with a single action

Dedicated status scanner for high profile devices

- New status scanner dedicated to Infrastructure and Immersive devices to ensure quickest response time for highest profile gear

Comprehensive Device Interoperability

Enhanced support for the Cisco TelePresence MSE 8000 Family

MSE 8050 Supervisor Support

- Chassis Alarms
- Blade Alarms
- Discovery of blades for simplified adding to TMS

ISDN GW/MSE 8321 CDR Support

IP VCR/MSE 8220 Improvements

- Recording Line Status
- Call Information

Cluster Status for MCU Blades in System Navigator



Best in Class IT Interoperability Expanded Again

The flexibility to meet customer deployment requirements

- Now supports Windows 2008 64bit Operating Systems
- Windows 2008 Installer enhanced
 - No more pre-staging required
- Now compatible with Microsoft SQL Server 2008
 - Both 32bit and 64bit versions



Now 64 bit compatible



Maturity in features

Continued advances to meet our customer's needs...

- Active Directory LDAP security

AD LDAP connections now secured via Kerberos or NTLMv2

- System Navigator Improvements
- System in Folder setting dramatically improves performance for large installs
- Booking API Improvements
- Pre-set booked participants to be muted video and/or audio
- Improved Codian MCU participant resolving and cascading support

TMS 13.0 Summary

- Continued industry leading scheduling and management with a new Cisco name
- Greater control and diagnostics for conference operators of both ad hoc and scheduled conferences
- More management and diagnostic tools for the video administrator
- Expanded device interoperability
- Enterprise class Interoperability features

