

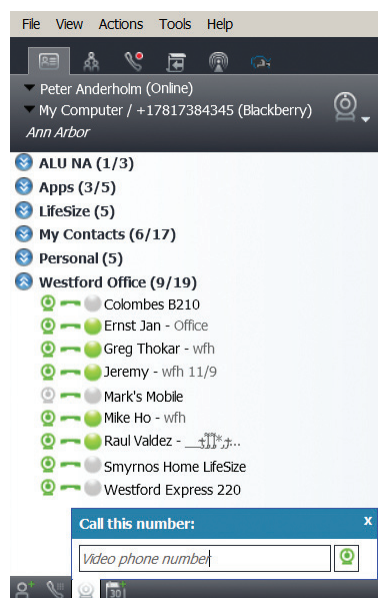
# ALCATEL-LUCENT OMNITOUCH™ 8660

## MY TEAMWORK CONFERENCING AND COLLABORATION

Alcatel-Lucent OmniTouch™ 8660 My Teamwork™ Conferencing and Collaboration solution is a key component of the Alcatel-Lucent unified communications and video collaboration suites. It brings people together for virtual meetings and events, saving money, fostering innovation and maximizing enterprise agility.

OmniTouch 8660 My Teamwork is a software-based multimedia, multiparty business communications solution that runs on commonly available computer hardware for low capital investment and total cost of ownership (TCO). Use OmniTouch 8660 My Teamwork from any telephone, any location, and any browser for secure unified conferencing and collaboration inside or outside the company with no specialized software or virtual private network required.

The presence-aware, easy-to-use interface supports a full feature set including meet-me, ad hoc, and scheduled meetings with click-to-conference, chat, application and desktop sharing, document management, integrated HD video and more. Deploy My Teamwork with LifeSize video conferencing room systems and the Interactive Whiteboard Solution enabling truly useful collaboration between the conference room and the UC desktop.



FEATURES	BENEFITS
Full-featured multimedia, multiparty conferencing and collaboration with all features accessible from a single browser window	Minimizes the complexity, fosters use, ensures fast return on investment (ROI)
Modular licensing, flexible deployment options	Deploy as an on-premise dial-in conference call bridge with Outlook integration, or deploy as a full-featured multimedia collaboration platform – focus on ROI and grow as needed
Software-based solution where all media and directories run on a single, non-proprietary computer	Low capital investment, low ongoing support and maintenance costs – fast ROI
Flexible connectivity	Supports currently installed telephone and video infrastructure, TDM and IP (SIP), minimizing costs
Secure access from many different devices and means	Flexible conferencing that provides secure access from any telephone, PC or browser, and from any location
Reliable, scalable and secure	Future requirements easily met – scales from two to thousands of concurrent users via software licensing
Supports standards-based APIs (REST Web services)	Provides fast and efficient integration with existing business applications and workflow

## A MEASURABLE RETURN ON INVESTMENT

Hold as many meetings as needed for any length of time and never pay an extra seat or overage charge again. Premises-based deployments of OmniTouch 8660 My Teamwork offer a measurable ROI when compared with service provider offerings. And because it is software-based, adding users and features is easy – no cumbersome and expensive proprietary hardware to purchase and install. High user adoption rates accelerate the ROI because the plug-and-play interface requires minimal training; all conference controls are visible and accessible in a single click. Presence-based collaboration eliminates the delays associated with e-mail and voice mail, encouraging real-time, results-driven communication for faster response times and increased innovation.

### OmniTouch 8660 My Teamwork Conferencing and Collaboration

The Alcatel-Lucent conferencing and collaboration suite includes the following – all running on the SIP- and software-based Alcatel-Lucent OmniTouch 8460 Advanced Communications Server (ACS) platform.

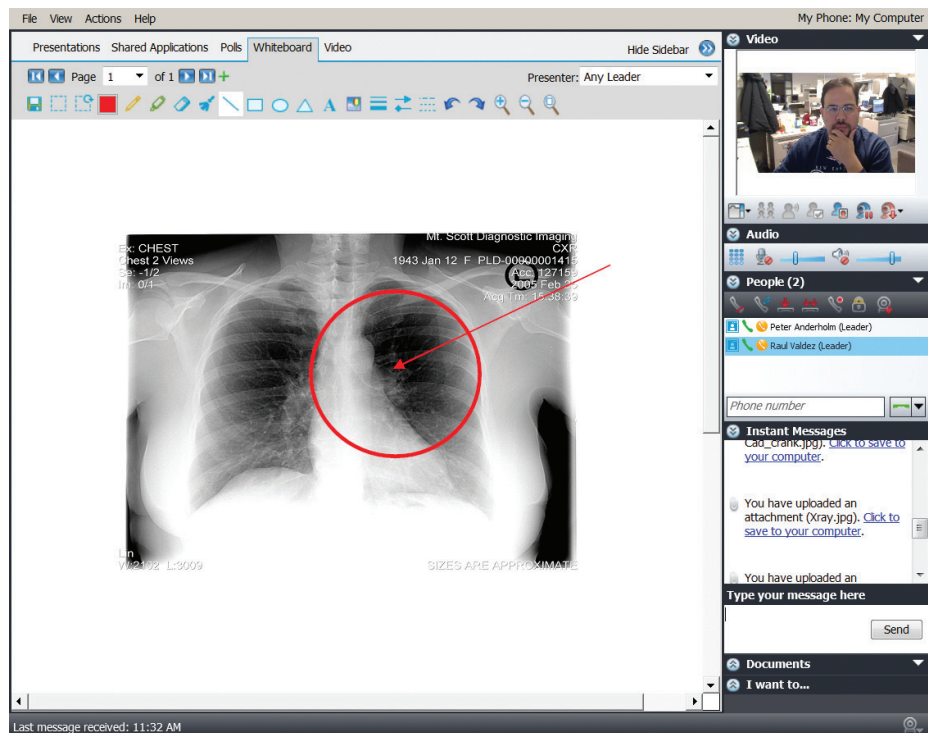
### OmniTouch 8660 My Teamwork Enterprise Edition

The OmniTouch 8660 My Teamwork Enterprise Edition works with any PBX and offers a full feature set to support mixed network environments and the needs of large enterprises – integrated video conferencing, advanced event management features, an operator console for larger hosted events, and a solution for integrating land mobile radio users into conferencing and collaboration events.

### OmniTouch 8660 My Teamwork Office Edition

The OmniTouch 8660 My Teamwork Office Edition offers small-to-medium-sized businesses (SMBs) a feature set with packages and pricing tailored to the needs of the small business – ad hoc and scheduled audio conferencing, application and desktop sharing, file sharing. Bundles include both audio and data ports with the IP trunk software licensing required for the Alcatel-Lucent OmniPCX™ Office Communication Server.

Figure 1. Full-featured collaboration available anywhere



### OmniTouch 8660 My Teamwork for IBM Lotus Sametime

The OmniTouch 8660 My Teamwork for IBM Lotus Sametime edition delivers multiparty audio conferencing with click-to-conference, voice recording, advanced call controls, and scheduling support – all from the IBM Lotus® Sametime® clients. For Sametime users this eliminates the monthly costs associated with audio conferencing services for a fast ROI and improved collaboration.

## FOR BUSINESSES OF ALL SIZES

OmniTouch 8660 My Teamwork scales easily, accommodating small firms to large multinational organizations. For businesses with high monthly audio or web conferencing usage, OmniTouch 8660 My Teamwork provides an ROI in as little as 3 months. With geographically distributed, multi-tenanted “stacks” for least-cost routing, redundancy, enterprise federation, and automatic failover, large enterprises enjoy reduced conferencing bills and optimal performance and reliability. For all organizations, OmniTouch 8660 My Teamwork streamlines communication with optional presence-based instant messaging (IM) for ad hoc chat,

minimizing typical voice mail and e-mail back and forth communications. For small businesses, this means doing more with less, and the added support for low-cost hardware platforms makes the solution cost-efficient for smaller businesses, while also being easy to manage. All companies and employees benefit from implementing green technologies that reduce travel costs, make telecommuting effective, and reduce carbon emissions.

## FOR END USERS

The single-click interface is easy to use with multiple ways to initiate actions so that end users are up and running in minutes. With no large software client to download and maintain, common use barriers are removed and workers quickly appreciate the anywhere, anytime access from the office, home office, airport, or wherever they may be. The presence-driven ad hoc communication and click-to-conference capability with both internal and external contacts saves valuable time by minimizing voice mail and e-mail. All of these factors lead to high user adoption rates with additional savings benefits for companies.

## FOR SYSTEM ADMINISTRATORS

For system administrators, the intuitive user interface and thin client reduces help desk calls and IT overhead. Equipped with easy-to-use management tools like auto-provisioning with Microsoft® Active Directory® and secure LDAP authentication, OmniTouch 8660 My Teamwork is simple to administer. The browser-based administrative interface provides feature configuration, software and licensing upgrades, call detail reports (CDRs), language and brand customization, remote SNMP and SMTP monitoring for alerts and alarms, and IM logging with SMTP retrieval.

## ADVANCED FEATURES

- High-definition 720p, browser-based video conferencing with multiple display modes
- Telephony presence with Alcatel-Lucent OmniPCX Enterprise Communication Server
- On-demand recording playback with synchronized audio
- Event management features including Webinar and lecture modes, operator support, polling, and Q&A support
- Annotation of Web presentations and whiteboarding
- Conference alert notifications
- Microsoft Outlook® calendar scheduling and presence
- Session encryption, logging and archiving
- Multi-tenancy capabilities for large enterprises, hosted deployments or hybrid models
- Support for geographically distributed network topologies, scaling up and out
- Audio conferencing, HD video

### OmniTouch 8660 My Teamwork general features

#### Presence and IM

- Adobe®Flash® technology-based interface supports thousands of users
- Presence and IM access from any location, PC and browser
- Telephony presence for Alcatel-Lucent OmniPCX Enterprise calls
- Customized and pre-configured presence settings (Away, Busy, Offline, Online, Out to Lunch)
- Open standards-based IM with encryption
- Multiparty chat and multiple concurrent IM sessions per user
- Offline IM and missed IM alert with message display and response options

- Public chat rooms with RSS feed-enabled options
- Invite contacts to existing chat sessions
- Choose to block or receive IM when “Busy”
- Personal, annotated and time-stamped IM logs
- Create and manage multiple contact groups per user
- Database directory lookup for contact search from LDAP or MAPI server
- Block select contacts and manage block lists
- Add external contacts as speed dial numbers for click-to-conference

#### Voice conferencing

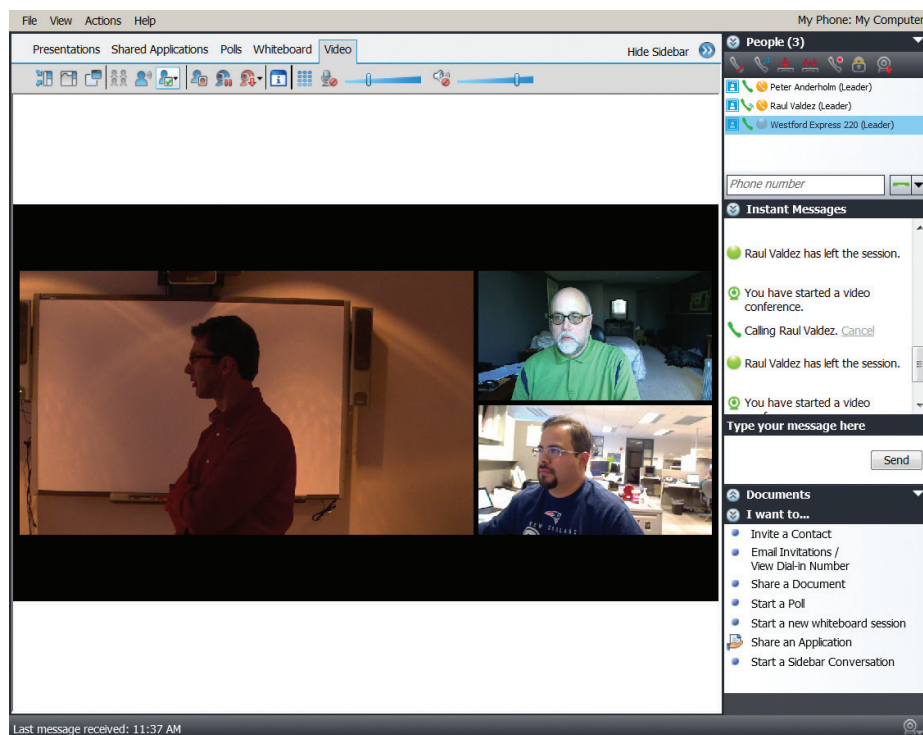
- Audio-only conference user interface for low-bandwidth situations
- Ad hoc, scheduled and meet-me modes
- Click-to-conference and group call
- Dial out to add participants
- System call back feature to join conferences
- Call control via interface and interactive voice response (IVR) prompts:
  - Conference lock and hold
  - Mute/unmute all participants
  - Volume control
  - Record conference
  - Raise hand

- Active talker indication
- Clean voice background noise suppression
- “Confirm call back number” and “dial out with prompt” settings prevent misdials and voice-mail legs from joining the call
- Multiple language voice prompts
- Password support on a per conference basis

#### Web conferencing

- Ad hoc, scheduled and meet-me modes
- Multiple ways to schedule and start sessions
- Join via Web conferencing login page
- Upload presentations and documents for remote viewing
- Assign passwords to meetings for additional security
- Password and Secure Sockets Layer (SSL) protection options for presentation viewing
- Application and/or desktop sharing
- Co-browsing and collaborative document editing with remote control sharing
- Document storage and sharing (upload/download attachments)
- Invite/add contact(s) to a session
- Recording with on-demand playback and synchronized audio
- Public and private IM chat sessions

Figure 2. Multiparty video conferencing



### Video conferencing

- Tightly integrated, browser-based video conferencing inside or outside the firewall
- True HD video up to 720p supporting H.264 and H.263 standards
- Complete interoperability with interop with LifeSize video end points
- Optional display modes, including full-screen mode for video-centric meetings using a second monitor or extended desktop
- Share an application or make a presentation during a multiparty video conference – all using a single web browser window
- Microsoft Internet Explorer®, ActiveX®-based – easy to use and manage with automatic prompt for downloading components, or install in advance
- Store multiple video profile settings depending on endpoint or location, home or office for example
- Voice-activated video switching, multi-image mode or both
- Automatic configuration for peer-to-peer video in flat networks
- Multiparty video conferencing using RADVISION SCOPIA™ Elite video MCUs
- Legacy H.263 and H.323 support via RADVISION SCOPIA™ video MCUs
- Audio deployment options during video sessions
- Integration with leading third-party gateways and gatekeepers, SIP registrars, and session border controllers (SBCs)

### Conference scheduling

- Interface for scheduled and reservation-less events
- Send Microsoft Outlook® and IBM Lotus Notes® e-mail invitations and calendar appointments with embedded URLs to join events
- Conference alert notifications to connect participants
- Assign password to audio conferences and Web meetings for additional security
- Pre-upload presentations and attachments
- Voice port reservations
- Lecture and Web conferencing mode settings
- Customize conference access codes
- Auto extend sessions and conference ending reminders

### Event management

- Polling and Q&A options
- Leader and participant feature access
- Promote participants to leaders during live events
- Non-provisioned user access to events
- Upload materials in advance or on the fly
- Support for multiple attachments and presentations
- Call control via interface or IVR (mute, lock, record, add, drop, hold callers)
- Roll call/number of participants
- Click to add contacts/media
- Dial out/invite a contact to add participants
- “Confirm call back” and “dial out with prompt” settings prevent misdials and voice-mail legs from joining the call
- Participant mute/unmute
- Hide inactive participants
- CDRs for every event
- Conversation history with complete event record – IM log, media used, participants and more
- Multiple language options for voice prompts and user interface

### Recording

- Synchronized playback of audio and Web presentations
- Recording playback URLs automatically sent by e-mail to conference owner
- E-mail playback instructions with recording links
- Non-provisioned users can access recordings via URL
- Stored securely on server or download locally for offline editing
- Play recordings into conferences or listen over the telephone
- Password protection option for recording

### Operator console

- View a list of callers waiting to speak to an operator
- Connect to the next caller in the queue
- Search active conferences
- Transfer callers into ongoing conferences

### Customization

- Full branding support for service provider offerings
- SIP-based and XML APIs (REST Web services) for presence and audio integration into portals, Web 2.0 and legacy business applications

- Multiple languages including Arabic, Catalan, Chinese, Czech, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish (Castilian), Swedish
- User-specific and configurable interface languages

## TECHNICAL SPECIFICATIONS

### Capacity

- Maximum G.711 call legs per server: 1200
- Maximum G.729A or G.726-32 call legs per server: 900
- Maximum G.711 legs per conference call: 3000
- Maximum G.711 call legs per stack or cluster: 6000
- Integrated PSTN/TDM gateway (optional) with maximum TDM channels per server:
  - T1 CAS: 192
  - T1 CCS: 184
  - E1 (Euro-ISDN): 240
- Maximum provisioned users per server: 30,000
- Maximum users per cluster (supports multiple stacks that can be federated): 90,000
  - Stack servers for scalability, conference spanning, IM and presence federation, and redundancy
  - Geographic server distribution for toll calling arbitrage
- Maximum application sharing legs per server: 800
- Maximum application sharing legs per meeting: 800
- Maximum Web presentation (document sharing) legs per server: 500
- Maximum Web presentation (document sharing) legs per meeting: 500
- Maximum number of two-party or peer-to-peer video sessions per server: 600
- Maximum number of contacts per user: 200

### Requirements for video conferencing

- Intel Pentium 4; single core 1.5 GHz or higher for CIF (low quality); dual core 1.9 GHz or higher for VGA (medium quality); and quad core 2.0 GHz or higher for HD
  - Logitech® QuickCam Pro 9000
  - Logitech HD C910
  - Supports Microsoft Windows Vista® and Windows 7 operating systems (32-bit and 64-bit)



## Interfaces and protocols

- DTMF, H.263, H.264, HTTP, HTTPS, MGCP, SDP, SIP, SMTP, SNMP, XML
- SIP standards: RFCs 2327, 2833, 2848, 2976, 3261, 3263, 3265, 3428, 3515, 3891, and 3892
- VoIP transport: RTP (secure RTP via partner offering)
- Audio C: G.711 a-law and mu-law, G.729A, and G.726-32
- Supported browsers: Internet Explorer (required for integrated video and application sharing initiation), Firefox®, and Safari (request details)
- Adobe Flash™ Player Flash 11 and ActiveX required for each user

## Interoperability ecosystem

- Supports Alcatel-Lucent OmniPCX Enterprise, OmniPCX Office, Alcatel-Lucent OmniVista™ 4760 Network Management System, Alcatel-Lucent OmniTouch 8400 Instant Communications Suite, OmniTouch 8600 My Instant Communicator (PC and mobile clients), Alcatel-Lucent VitalSuite™ Performance Management Software
- P2P dial-out support for LifeSize 220, Passport, and Unity series of video end points; end points may also dial into My Teamwork conferences
- Works with leading vendors' PBXs, PSTN gateways, softswitches, RFC 3261 compliant PBXs and SIP softphones (request details)
- Support for any desktop – PC, Mac, Unix

- Supports Acme Packet 3820 SBC
- Runs on any network (PSTN and IP) or phone (PBX, softphone, mobile)
- IBM Sametime 8.x.x conferencing support (request details)

## Reporting

- All reports available via browser, XML or comma delimited format
- Pre-defined administrative reports
- Call detailed report (CDR) by user, tenant or server for billing
- Real-time monitoring via browser or SNMP
- Traffic and network statistics
- Alarm and event logs

## Security

- Secure account authentication (locally, via LDAP, LDAPS, or third-party single-sign-on system)
- End-to-end security using Transport Layer Security (TLS) and Secure Sockets Layer (SSL)
- Separate leader and participant access codes
- Optional password setting to join audio and/or Web conferences
- Ability to lock conference and drop callers from session
- IM auditing and archiving to e-mail format
- Password policy management with mandatory change intervals
- Inter-organization access may be open or limited for security

## System administration

- Browser-based administration interface
- Multi-tenanted administration views and provisioning domains
- Flexible allotment of scheduled and ad hoc ports
- Disk quota allotment and management
- Authenticated SSL/HTTPS interface
- Flexible user provisioning (locally or via LDAP and LDAPS)
- Bulk provisioning of users, groups, and tenants via URL with e-mail notification
- Text messages for automatic display to all logged-in users (for offline users messages display immediately on login)
- Real-time SNMP and web monitoring of system status and conference activity
- Alerts/alarms – SNMP v2 and v3 and SMTP (e-mail)
- Configurable nightly system backups and fast cold-spares restore
- Global date and time zone support
- Network protocol segmentation
- Licensable features by server, by user or organization
- Up to 16 phone numbers per tenanted organization, each with its own language prompt set
- Toll free phone number support

## SERVER COMPUTER REQUIREMENTS

Run OmniTouch 8660 My Teamwork on the OmniTouch 8460 ACS platform, which operates on any Intel®-based computer certified for use with Red Hat® Enterprise Linux® Server Release 5.0, update 6 and that meets the following specifications:

BUSINESS SIZE	LARGE ENTERPRISE	BUSINESS SIZE LARGE ENTERPRISE
Computer	Any Intel XEON®-based computer certified for use with Red Hat Enterprise Linux Server release 5.0 update 6 64 bit <a href="http://www.redhat.com/rhel/compatibility/hardware/">http://www.redhat.com/rhel/compatibility/hardware/</a>	
Processor	2 quad core, 3.0 GHz or faster	1 quad core, 2.8 GHz or faster
Memory	8 GB	4 GB
Hard drive	Two 250 GB or greater	Two 150 GB or greater
RAID	RAID 1 (hardware RAID)	RAID 1 (hardware RAID)
Media drive	DVD	DVD
Network	2 Gigabit Ethernet NICs	2 Gigabit Ethernet NICs

