Advanced features include:

- Reservationless meet-me conferencing for up to 1,500 attendees
- Dynamically updated participant list with on-screen, network caller ID also allows manual assignment of a name to an unlabeled or mislabeled participant “icon”
- Visible indication of current speaker and audio levels
- Ability to mute, volume control and disconnect any participants
- Support for local, toll and toll free dial-in access
- Record of date, duration and number of participants for each conference.
- Standard G.722 high definition (HD) VoIP support for superior clarity and reduced conference call ‘fatigue’.

CONFERENCE RECORDING

The ability to record conference calls allows subscribers to easily archive, share and review calls in the future. By simply pressing a phone key, or the “record” button on the web interface, the moderator can initiate a recording. Later the audio file is available for archive as well as to review and share with others.

ROLL CALL

In addition to tones or recorded name introductions as each participant joins the call, MetaSphere Conference Server enables even greater flexibility by allowing the moderator to:

- request a “roll call” of participants currently in the conference: the system announces the names that the moderator and participants recorded upon joining the conference
- request a count of participants currently in the conference
- request the name of the last participant who joined the conference
- lock the conference to ensure a secure and uninterrupted call.

The system plays these announcements exclusively to the moderator, without alerting conference participants.

MEDIA ON HOLD

MetaSphere Conference Server provides on-hold messages or music to be played to participants while they wait for a conference to begin. Service providers may also choose to allow customers to upload their own audio files, including previously recorded background information. Conference Attendees could then call in prior to a scheduled conference and listen to pre-recorded messages providing background to the upcoming call.
CONFERENCE SERVER SPECIFICATIONS

SERVER HARDWARE
- Metaswitch UX4410 server
- Power:
  - 400W (-48V) power supply
  - AC (UX4410A) or DC (UX4410D)
  - -36 to -72 VDC
- NEBS Level 3 certified
- Can share with Firebar, Auto Attendant, Privacy Defender and Music On Hold subject to aggregate capacity limits

SYSTEM MANAGEMENT FEATURES
- Web Browser interface: Firefox version 2 or 3; Internet Explorer version 6,7 or 8, including the Adobe Flash plug-in (version 6 or newer)
- Menu driven admin tree
- Graphical system resource utilization
- Alerts (critical/major/minor)
- Administrator security levels

USER ADMIN INTERFACE
- Web Browser interface: Firefox version 2 or 3; Internet Explorer version 6,7 or 8, including the Adobe Flash plug-in (version 6 or newer)
- Participant Directory
- Conference History
- Pre-recorded Conferences
- Telephone User Interface (TUI)

CONFIGURATION OPTIONS
- Account codes (configured either by service provider or by conference moderator)
- Entry / exit announcements
- On-hold music on/off
- On-hold music file (MP3 or WAV)

PARTICIPANT FUNCTIONS (IVR)
- Mute / unmute
- Signal moderator (request to speak)
- Exit conference

MODERATOR FUNCTIONS (IVR)
- Dial out to new participant
- Mute / unmute own line
- Lock / unlock conference
- Roll call of participants
- Count of participants
- Joining announcements on/off
- Name of last participant to join
- Start / stop recording
- Soft exit (do not end conference)
- End conference

MODERATOR FUNCTIONS (WEB)
- Mute / unmute any participant
- Adjust volume of any participant
- Start / stop recording
- Lock / unlock conference
- Eject participant

MODERATOR CONFERENCE DASHBOARD (WEB)
- Number of participants
- Participant names and numbers (based on CNAM and ANI)
- Dynamic display of each participant’s volume level
- Mute / unmute status of each participant
- “Request to speak” signal to moderator

MODERATOR CONFERENCE WIDGET
- Portable CommPortal Web Application allows users to set up and moderate conferences from their desktop and iGoogle pages
- Available for Mac OS X Dashboard, iGoogle, Google Desktop and Vista Sidebar

CONFERENCE RECORDING
- Start/stop notifications
- Maximum number of recordings defined by class of service
- Maximum length of recordings defined by class of service
- Archive downloadable via Web
- WAV format

REPORTING
- Resource utilization graphs (CPU, bandwidth, memory, network sockets, disk usage)
- Call count graphs (per hour/day/month, inbound/outbound/transferred)

SCALABILITY
- 1500 ports per UX4410 server
- No limit on conference size (up to maximum port capacity)

PERFORMANCE
- Tested up to 15k BHCA under conferencing load

SECURITY
- Call terminated after 3 invalid access codes
- Moderator can request new participant code at any time
- Automatic Web log-off after 30 minutes

LANGUAGES
- English (US)
- Spanish (Latin American)
- French (Canadian)
- Other languages supported as customizations
- Multiple languages supported simultaneously

DIAGNOSTICS
- SIP flow trace
- Digit detection
- Announcement playout
- Filter by called / calling party
- Internal event trace

BILLING
- CSV format call detail records