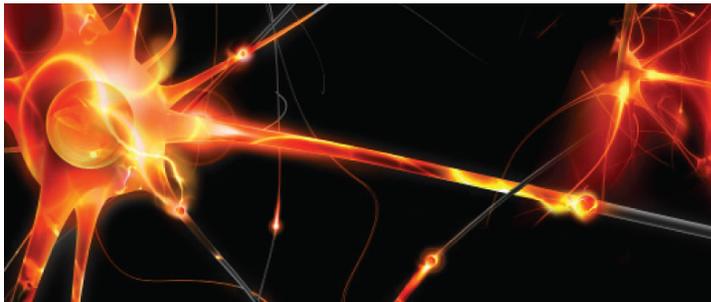


ACCESSION COMMUNICATOR

FOR MOBILE

MOBILE COMMUNICATOR AND UNIFIED MESSAGING
CLIENT FOR ANDROID AND APPLE



WITH THE ADVENT OF THE 'ALWAYS-ON' WORKFORCE AND THE PROLIFERATION OF COST-EFFECTIVE SMARTPHONES AND TABLETS, MOBILE DEVICES ARE INCREASINGLY BECOMING INFORMAL, PORTABLE EXTENSIONS OF THE OFFICE IT INFRASTRUCTURE. NOW YOU CAN SOLIDIFY THIS RELATIONSHIP WITH ACCESSION COMMUNICATOR FOR MOBILE.



- Dual-personality mobile and device twinning
- Interoperability with fixed-line endpoints
- High definition voice and H.264 video uplift
- Fluid multi-screen push / pull in-call control
- Patented MetaQR QoS and QoE techniques
- Messaging, call control & centralized contacts

SEIZE THE POWER IN THE BUSINESS TELEPHONY REVOLUTION

With the continued popularity of laptops, the rapid rise of the media tablet and the prolific adoption of smartphones, network operators must now satisfy an increasingly demanding, tech-savvy and always-on mobile enterprise workforce. They insist on ubiquitous connectivity and universal reachability - whether they are at their desk, at home or on the go. These valued customers are now using mobile devices to access walled-garden, over-the-top, rich communications services to meet their business and personal telephony needs, threatening the core revenue streams of incumbent carriers. Now there's an alternative.

RISE TO NEW ENTERPRISE COMMUNICATIONS CHALLENGES

Accession Communicator for Mobile, from Metaswitch, enables service providers to meet these challenges head on. Accession Communicator not only delivers a richer communications experience but allows subscribers to gracefully move calls between Accession Communicator, other unified communications clients, mobile phones on 3G, 4G or WiFi, and fixed line phones - all while the call is in progress.

This fluid call control enables users to uplift their telephony session to include high definition voice and video on an interface or device of their choice - regardless of where and how the call was made or received.

MOBILE TWINNING WITH RESIDENTAL AND OFFICE NUMBERS

Telephony is no longer associated with a particular access medium or physical device: Voice is now an application. Accession Communicator can deliver a superior primary line service for telephony-enabling tablet computers. Moreover, Accession Communicator-enabled mobile endpoints can assume dual personalities - the business line and the native, personal cellular number. More than Sim-Ring or Find Me Follow Me, these endpoints present the actual calling features, dial plans and outgoing caller ID of the twinned office phone. Accession Communicator is ideal for increasingly popular enterprise employee BYOD (bring your own device) initiatives.

Featuring wideband HD voice quality, Accession Communicator allows users to interact with their basic calling services and extends advanced multimedia offerings like real-time high quality video calls and video mail. As a fully-featured unified messaging client, Accession Communicator also enables visual voicemail with speech-to-text transcription, centralized contacts, instant messaging (IM), a ubiquitous call history for all endpoints associated with the Accession Communicator phone number and incoming call control options, such as Do Not Disturb.

ACCESSION COMMUNICATOR FOR MOBILE

Accession Communicator for Mobile is a powerful smartphone and tablet application that enables carriers to extend their residential and business telephony services directly to an end user's portable device or handset. Together with mobile unified messaging, Accession Communicator delivers a primary or second-line VoIP service with a dedicated dialer over the data channel. Consumers can use the same business class services they currently leverage within the office, anywhere in the world.

A SUPERIOR SOFTPHONE CLIENT

Whether working from home or on the road, on Wi-Fi or 3G/4G, employees will always have access to the same telephony offerings they have only previously been able to receive on their desk extension. Features such as dialing plans and ACD hunt groups are delivered by Accession Communicator on the mobile handset with the security of advanced signaling encryption afforded by TLS.

Our unified messaging and call control interfaces further enhance the capabilities of Accession Communicator, providing visual voicemail, video messaging, IM, call management and more.

USER-CENTERED DESIGN

Usability is the corner stone of any successful consumer offering and Metaswitch is passionate about redefining the way your subscribers interact with their telephony services. From the initial app download to exploiting its powerful underlying call control capabilities, the Accession Communicator softphone and unified messaging interface provides a superior user experience that is both logical and efficient for even mainstream customers.

QUICK TO DEPLOY, EASY TO MAINTAIN

Accession Communicator benefits from the CommPortal Deployment Acceleration Program (CDAP), which dramatically simplifies the process of distributing and branding your application.

Metaswitch maintains an up-to-date version of the client on both the Apple App Store and the Android Google Play Store. Carriers simply point their customers to one of these locations. The user selects their service provider from a searchable list, which automatically configures the client with your company or product details and optional tailored branding. CDAP significantly reduces your time-to-market when launching and managing valuable mobile applications.

Effectively eradicating the need for client-side configuration, Metaswitch's exclusive SIP Provisioning Server dramatically simplifies wide-scale business and consumer deployments of Accession Communicator for both the service provider and end user.

In addition, the Metaswitch Service Assurance Server extends unique proactive and reactive analysis capabilities to network managers, affording an unprecedented quality of experience while significantly reducing mean time to repair metrics.

FLUID CALL CONTROL: THE PUSH / PULL

Using a standards-based JavaScript API, alongside the session initiation protocol, Accession Communicator provides a level of granular call control that is unmatched by the basic supplementary services defined in today's applications infrastructures or proposed network architectures.

With each endpoint identified by its Accession Communicator user agent URI, a call can be gracefully pushed or pulled between devices at the user's request. Naturally, individual capabilities and call status are advertised, which can determine if a call can or should be moved as desired.



On the twinning team. Push/pull calls in progress between devices

UNMATCHED QUALITY AND RELIABILITY

Enabling VoIP and video over Wi-Fi and 3G/4G on mobile endpoints can present many challenges. Poor quality of experience can immediately render an advanced consumer telephony offering at best unappealing or at worst simply unusable. MetaQR addresses this high barrier to deployment.

The SILK audio codec helps ensure great voice quality even on unstable connections. Metaswitch's Perimeta SBC works closely with Accession Communicator and the SILK codec to help optimize performance and quality of experience for end users.

MetaQR helps maintain the quality of video calls by minimizing total packet loss while mitigating transmission delay. MetaQR automatically reduces the effective signal to noise ratio on broadband wireless access networks without adversely increasing traffic loads. Application-aware adaptive FEC adds extra redundancy to the media stream providing the best quality video and most efficient use of bandwidth at all times.

CENTRALIZED CONTACTS

Accession Communicator integrates contacts from various sources so users only need to go to one place to access all of their contacts. Accession Communicator can be auto-populated with Business Group contacts and IM addresses, and works with contacts stored in CommPortal, contacts synced via Exchange from Outlook, and local contacts on the user's mobile device. Local contacts are merged with network contacts, creating a comprehensive list of the end user's business and personal connections. Users can create, edit and search contacts in Accession Communicator.

INSTANT MESSAGING

Accession Communicator is designed to be a single 'portal' for communications that is branded by the service provider. Accession Communicator supports IM over the XMPP standard, including working with the open source Jabber server. IM contacts integrate fully with Accession contacts allowing for a seamless messaging and telephony experience. If users also use Accession Communicator for Desktop, IM conversations are synced between devices.



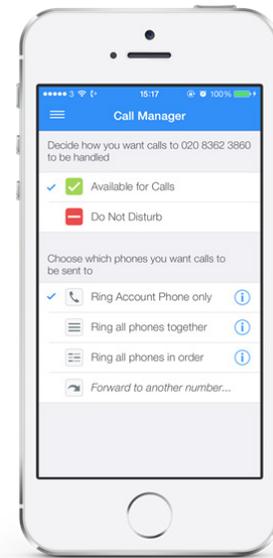
Instant messaging chat list and chat in progress

UNIFIED MESSAGING

MetaSphere delivers a comprehensive and compelling range of unified messaging features. The Accession Communicator client presents some of the most powerful services directly on the portable handset. With a single interface for fixed and wireline messaging, subscribers can be alerted to new messages received on any line. With integrated media players and an optional cloud-based speech-to-text transcription service, voicemail is downloaded and stored on the handset, where it may be listened to or read at any time. Accession Communicator even extends the ability to view videomail messages. Any message, including faxes, may be deleted or forwarded by email on-demand.

CALL CONTROL

Granular call management is critical in business and extremely beneficial within an individual's personal life. MetaSphere call management services provide simple but powerful rules determining how a subscriber can be - or wants to be - reached at anytime. Now Accession Communicator extends this control to the user's handset, enabling them to set their home or office call preferences regardless of where they are. With a single setting, users can guarantee their boss can reach them while dialing only a single number. In a meeting? Simply forward all calls to an office extension directly to voicemail.



Control your entire telephony experience with the call manager

ACCESSION COMMUNICATOR FOR MOBILE SPECIFICATIONS

CLIENT PLATFORM REQUIREMENTS

- iPhone - 3GS or newer running iOS 5.0 or above. Bluetooth headsets supported
- iPad - (Version 2 or newer recommended for video)
- Android OS - V2.3.3 and above (Contact Metaswitch for specifics)

SERVER REQUIREMENTS

- MetaSphere MTAS version 8.3.10 and above for complete features
- Metaview Director required for call / device jump
- Metaview SIP Provisioning Server for bulk auto-configuration and key management
- Metaview Service Assurance Server for analytics and events
- Instant messaging: Ejabberd XMPP (recommended)

SOFTPHONE FEATURES

- Usability: Multi-tasking support for background operation. Incoming call, call waiting and voicemail notifications. Speakerphone, mute and hold. Single-button to push (switch) and pull active calls from twinned devices including Accession Communicator for Desktop. Select dialed digits (eg 911) can be set to route across cellular network.
- Media: Codecs: RTP or SRTP; G.711a/u or SILK 8/16 (NB/WB) HD Audio (SILK transcoding supported by Metaswitch Perimeta SBC); H.264 video (baseline profile, level 1.1. Royalty-free below 100K devices); DTMF: RFC 2833.
- SIP Signaling: TCP or TLS; Dynamic tunneling within alternative IP sockets (ports) such as HTTP/80 if 5060 is blocked.
- QoS: Noise reduction; voice activity detection; ToS/DSCP; WebRTC echo cancellation, quality monitoring, switch-to-cell feature.
- QoE: MetaQR dynamic low-delay error correction reduces the impact of network packet loss. TCP restart attenuation techniques reduce battery consumption (Requires Metaswitch Perimeta SBC).
- Branding: Tiered service provider customization options. Contact Metaswitch for more information.
- Support for the iPhone 5/5S extended display.

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)

UNIFIED MESSAGING FEATURES

- Contacts: Centralized address book integrated with the handset's native contacts.
- Instant messaging: Synchronized with presence and contacts.
- Call logs: Network-based universal call history, including received, missed and dialed numbers.
- Visual voicemail: Includes summary screen. Player supports voice and video mail. Optional speech-to-text transcription with subscription to cloud-based service.
- Call manager: Exposes call manager options (eg. Available, Do Not Disturb, Forward Calls).

DEPLOYMENT FEATURES

- CDAP-ready clients available and continuously updated on Google Play and Apple App Store.
- In-app user activation and .password reminder function
- Twinning option support for SIP endpoint or MGCP, GR.303 or SIP BLC line.
- Individual features are provisioned dynamically through MTAS CoS and Provisioning Server. UI will not display unsubscribed features
- Integrated analytics with MetaView Service Assurance Server (SAS) and Voice Quality Monitor (VQM).
- Regional / demographic support for English US, English UK, French Canadian, Latin American Spanish.
- Simplified welcome tutorial extended to users upon initial activation.