

Mobile UC

for Enterprise

Extend your existing UC platform features to any mobile phone and web browser

Product Leaflet



Benefits at a glance

Bring mobility and WebRTC to existing PBX

Web based self-management and fleet management. Users can control their own call handling behavior, private/business mode, split billing and call quality.

Any device

Communicate from any mobile phone, tablet or PC without installing additional software.

Any network

Communicate over any network (WiFi, LAN, 2G, 3G, 4G).

100% Operator centric

Intelligence sits in the operator's network. Users use clientless communication devices. All communications run over the operator cloud.

Mobile UC: frictionless mobile UC solution for Enterprise

Business users rely heavily on the mobile phone for their communications. Mobile phones have initially been developed as a consumer product and the classical operator based corporate fleet solutions are no longer satisfying the business users. ESCAUX Mobile UC for Enterprise is a frictionless turnkey solution for MNO's and MVNO's extending a company's existing Unified Communication platform features to any mobile phone and web browser without the need to install and support additional software on the phone or PC.

The smart approach to mobility

The classical approach to bring PBX and UC features to mobile business phone users typically requires additional hardware in the enterprise LAN and software on the user's smart phone. These solutions rely on VoIP for making calls over unreliable WiFi, 3G or 4G mobile data networks and complex handovers towards GSM or CDMA networks when the data coverage is lost. Users experience is broken and adoption is typically very low.

The ESCAUX "Mobile UC solution for Enterprise" does not rely on VoIP, nor is there any hardware or software to be installed on the enterprise PBX or on the user's mobile phone.

Mobile phones work in clientless mode thanks to ESCAUX' patented Fixed Mobile Unification technology. With this technology, any mobile phone (GSM, CDMA), smart phone application (softphone, VoLTE) or internet client (OTT, WebRTC, ...) is normalized into a cloud based SIP end-point, a process that takes place in the operator network through a standard and off-the-shelf integration:

Camel in case of a MSC, ISC in case of IMS, IP data in case of OTT & WebRTC.

Key communication features

Keep your existing IP PBX or UC platform in place



- **Your desk phone and mobile phone become one:** extend full PBX experience to any mobile phone (GSM/CDMA) even when roaming internationally. No App or VoIP required.
- **One number, for incoming and outgoing calls**
- **Group and company features** like Call Queuing, Hunting Lists, IVR, Conference Bridge
- **Short number dialing** for internal calls
- **Re-use enterprise voicemail system**
- **PBX agnostic:** works on any SIP compliant PBX or UC platform and Microsoft Lync®

Put the IT department in control

- Enterprise policy and restrictions

- enforced to any mobile phone
- Seamless re-use of existing Call Recording platform for Regulatory Compliance
- Move, add and change mobile users independently from mobile provider

Handling multiple roles (private/business)

- Manual or scheduled switching between roles
- Toggle between private or business number presentation on outgoing calls



Extra Unified Communication features

Enrich the user experience with audio & video calls, instant messaging, presence, company directory and extend all PBX functionalities to any web browser running the ESCAUX Connect WebRTC client (compatible with any smart phone, tablet or PC).



- Switchover between user devices & applications without losing the communication, e.g. from mobile phone to ESCAUX Connect and vice-versa
- Correct CLI presentation on mobile phone, WebRTC client, Facebook and Google Hangouts
- Simultaneous ringing of mobile phone, desk phone and ESCAUX Connect

Self-management

With ESCAUX Connect, individual users can control their profile settings and phone features. ESCAUX Connect is an intuitive and modern web application designed to render perfectly on the user's smart phone, tablet and PC.

About ESCAUX

ESCAUX is a worldwide reference in Unified Communications platforms for fixed line, mobile and military satellite operators. The ESCAUX Unified Communication Solutions are built on a modular technology with respect for open standards. The extremely powerful ESCAUX Service Creation Environment enables operators to address any possible market segment (SOHO, Small & Mid-size Enterprises, Corporate) with any possible deployment architecture (on-site, hybrid cloud, pure cloud).

Social media integration

- Making, receiving and managing calls through Facebook and Google Hangouts
- Call notifications and CLI presentation in Facebook and Google Hangouts, even if mobile phone is switched off

OEM Ready

- White labeled & customizable interface
- Off-the-shelf solution with turnkey options: installation, operation and maintenance & platform hosting
- Efficient service delivery & service assurance resulting in smooth "order-to-cash conversion"
- Multi-language & internationalization support
- Service Creation and API's provides the necessary customization to integrate with operator OSS & BSS

Unique BYOX architecture

Mobile UC for Enterprise is built on ESCAUX' groundbreaking BYOX architecture.

BYOA - Bring Your Own Application allows users to connect a variety of endpoints like a GSM or CDMA mobile phones, WebRTC, Lync, XMPP, SIP and VoLTE clients

BYOD - Bring Your Own Device gives users the freedom to use any mobile phone, smart phone, tablet or PC

BYOC - Bring Your Own Call-Control gives operators the freedom to either use a cloud based UC platform, connect the endpoints to the existing customer PBX (Cisco, Avaya, Lync, Siemens, Alcatel-Lucent, ...) and/or connect the users to an IMS platform.