Iskratel Communications Core

Iskratel Universal Communications for Telco

Universal Communications – Virtual SIM

Telco benefits

- Increased revenue from new users in diaspora
- Single mobile identity with Virtual SIM
- Expanded coverage without roaming agreements
- Reduced costs with no physical SIM cards
- Protection and reuse of existing assets

Roaming fees are in danger of extinction, hit by regulatory bodies and OTT giants. Now, Iskratel Universal Communications (UC) gives them the final blow – and new revenue to Telcos.

People constantly seek for apps to satisfy communications needs, navigating between different identities, different user experience, and multiple billing relationships. This leads far away from satisfaction, especially when abroad. Smart, future-oriented Telcos can offer their users just the services they need. Unique and attractive, these services allow Telcos to increase revenues and differentiate from competition.

ISKRATEL UC SOLUTION

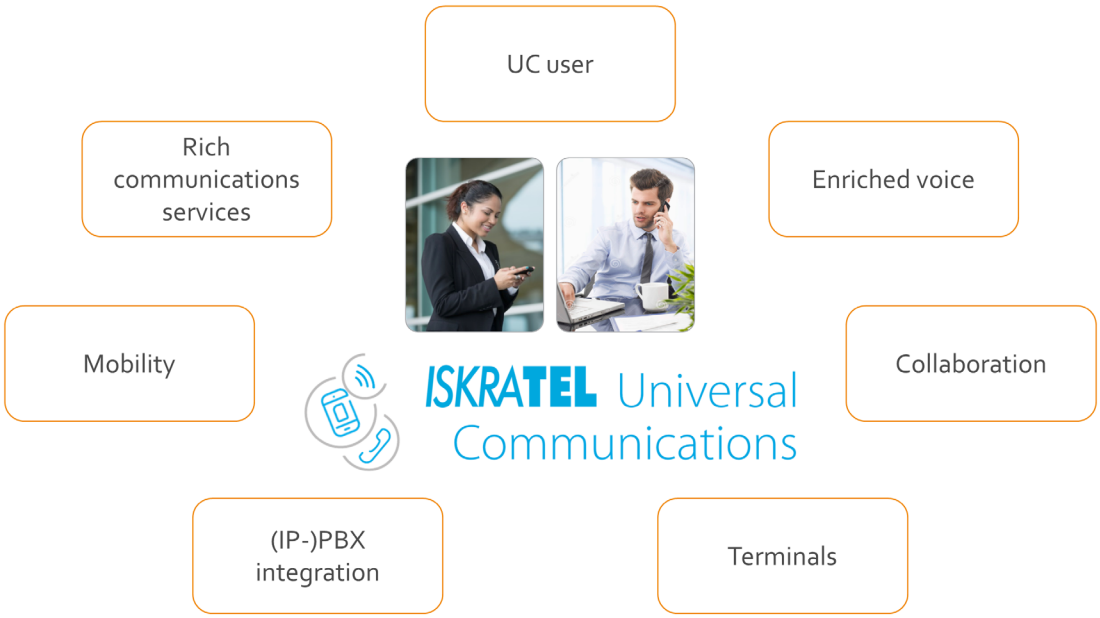
Iskratel UC provides value-added services on top of existing mobile-network infrastructure and its interfaces, without any replacement or upgrade. The solution is beneficial for **users in diaspora**, and for **roaming users**. Iskratel UC increases revenue with attractive services, and enables mobile operators to prevent subscriber churn.

The essence of the solution are **Iskratel softphones i10** (for iOS), **A10** (for Android) and **W10** (for Windows desktop). These IP-accessible devices (over WiFi, 3G/4G, fixed broadband) act as mobile devices, and have a mobile phone number (MSISDN) – but they do not need a SIM card. Instead, they exploit a part of Iskratel UC: the "Virtual SIM".

WHY VIRTUAL SIM?

Users in diaspora can be in daily contact with friends and family in home country, without any roaming costs. They simply use the "Virtual SIM" service from a trusted mobile operator in their home country. When visiting home, users from diaspora can get a physical SIM card for their mobile phone, and keep the same phone number; when returning abroad, these users can keep the physical SIM card, without constant costs to the mobile operator.

Roaming users that travel frequently, for business or leisure, want to be always on. For this reason they may be buying SIM cards from local operators. Since many devices do not support dual SIM, the users either have two mobile devices or keep exchanging the SIM cards – a practice that results in many missed calls. The "Virtual SIM" of Iskratel UC enables users to be connected and accessible all the time, using IP or a SIM card from the local mobile operator.



End-user benefits

- True worldwide mobility
- Single identity on different devices
- Privacy and security of communications
- Control over communications and costs
- No more missed calls when abroad

CORE BUILDING BLOCKS

SI3000 Call Server (CS) is the heart of Iskratel UC solution, providing telephony services on SIP and POTS devices, even on those behind (IP-)PBXs. Supporting mobility (fixed-mobile convergence), it unites the mobile and fixed worlds under the same umbrella to offer UC services.

Service Activator provides provisioning of users and their numbers with pre-arranged service packages on the web portal.

KEY FEATURES

UC user (in diaspora, roaming)

- Single identity of a multi-device user (softphone, mobile phone)
- Web portal
- User-initiated voice-call continuity
- Call barring (incoming)

Terminals with automatic provisioning

- Iskratel softphones W10 (Windows), i10 (iOS), A10 (Android)

Mobility

- Single identity on mobile devices
- Call barring (incoming)

Web portal GUI

- Service provider: service activator for easy and effective provisioning of numbers (post-/prepaid) and predefined services for B2C and agents in diaspora.
- Agent in diaspora: easy and effective provisioning of users in diaspora, and management of agreements
- End user: personal web portal for service management and filling the prepaid account

Iskratel UC solution is ideal for Telcos that want to expand their operations beyond borders. Pre-arranged service packages on the web portal enable easy self-provisioning of value-added UC services.

ISKRATEL Group

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