Nable nXer ™ UC (Unified Communications) Telephony for Telco

In today's business environment, enterprises want to provide their workers with more secure group messaging and enterprise voice call tools running on their own mobile device anywhere any time.
To meet this enterprise customers' requirement, some agile Telcos are deploying different kind of hosted UC services to their enterprise customers as mobile enhanced-service. Nable nXer™ UC Telephony is specially designed to meet telcos' needs for the hosted UC solution.
Nable nXer ™UC Telephony facilitates multi-tenant based easy group messaging and enterprise voice communication feature while minimizing the cost of ownership of the unified communications.

Key Benefits for Telco

- Fast UC system deployment integrating with Telco Infra
- Multi-tenant for hosted UC service
- No need to deploy IP-PBX in customer premise for voice call
- Realize mobile office on any device (Android, iOS, PC Windows)
- Full control over the service
- Own customer relevance
- Expand into UC market

A Complete Hosted UC Solution for Telco

The voice call and collaboration UC apps provided by global OTT players are severely reducing Telco's sales income. To protect declining voice and SMS revenues, Telco needs to introduce its own UC service to their enterprise customers. Nable nXer™ UC Telephony is designed to fit for Telco's hosted UC service to satisfy their enterprise customers.

Enterprise Class Voice Features with HD Quality

Nable UC client and media platform are fully optimized to provide HD voice and video over 3G and LTE mobile network.
Nable nXer™ UC Telephony users can experience HD voice and video for team communication with any kind of mobile device.
And they can make calls or receive incoming calls from/to VoLTE mobile user through Telco mobile network with many enterprise telephony features as IVR, call forwarding, call transfer, hold and conferencing.

Secure closed team communication and collaboration

When enterprise workers are using OTT public messenger at work, not only his/her personal information in the device can be hacked, but also the enterprise information can be leaked to public network.
So enterprises need a controllable mobile collaboration tool that can replace public OTT messenger with convenience and reliability.
Nable nXer™ UC Telephony enables collaboration in real-time with richer and more optimized user experience than existing OTT messengers in security perspective.

Seamless Experience - Multi Device Support

Team collaboration using voice and message should be simple to use. So Nable UC system provides the company directory of each enterprise. User can make calls and send messages to team members by clicking icon on the company directory. And it supports one number for multi device incoming call notification by using call forking feature.

Commercially and Technically Proven UC Solution

Nable nXer™ UC Telephony is ready to be integrated with Telco network now.
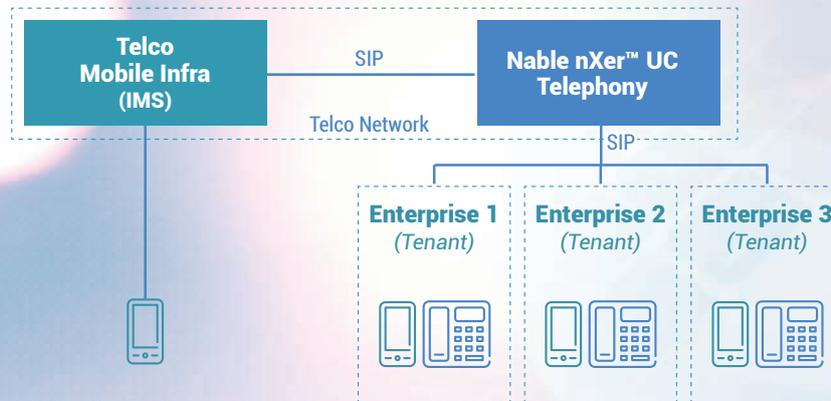- Commercially proven in KT network
- By using SIP industry standard, the system can be integrated with any IMS/VoIP service network of Telco.

Nable nXer™ UC Telephony Overview

System Architecture

Nable nXer™ UC Telephony system can be deployed in Telco network. Through SIP interface, it can forward outbound calls to Telco IMS network and vice versa. Voice calls and messages between UC users are directly processed by Nable nXer™ UC Telephony system over LTE or WiFi network.

Features

Service Features	Description		
mVoIP Service	· Enterprise IP Telephony Service on UC client and IP-Phone - Extension Call: free call between UC users - Outbound/Inbound Call: SIP interface to Telco/ITSP or IP-PBX for business call that is connected to PSTN · IVR Service - Voice announcement service by working hour, day off, and holiday - Call forwarding to extension number or group number after detecting DTMF · Call Forking: One number for multi device incoming call notification · Voice and video conferencing		
UC Messaging	· Messaging - 1:1 Chat (IM) - Group Chat - Message Timezone and DnD - Read Notification - File Share - Fixed Room - Screen share	· Company Directory - Auto sync - Favorite Hits - Management Features + Member Registration + Remote Control	· Closed SNS - Closed SNS (Blogging) - Text/File/Image/Video - File Preview - Comment - Announcement - Issue based creation
Security	· TLS and sRTP encryption for SIP signaling and media stream · All messages are encrypted with SSL/TLS on transport layer · UC server securely saves messages in DBMS · All sent and received messages are saved in terminal after encrypted with AES256		
UC Client and IP-PBX	· **Mobile:** Android 5.0 and higher, iOS 8.0 and higher · **PC:** Microsoft Windows 7 and higher **IP-PBX:** Cisco, Avaya, Alcatel-Lucent, Samsung, LG-Ericsson		