

Mobility Extension System Enterprise Mobility Solution for PBX

HyperExtension Series

Product Overview

The Mobility Extension System from Hypermedia empowers the PBX with Mobility Extension functionality without changing the existing telephony infrastructure.

This Mobile Extension solution is a stand-alone PBX add-on system that provides companies with a business-class enterprise mobility solution, enabling employees to work from everywhere and anywhere, yet enables enterprises to retain control over phone numbers and other calling policies.

Using Mobile Phones as Mobile PBX Extensions

Hypermedia's Mobility Extension System increases organizational availability, productivity and efficiency by extending enterprise PBX and desk phone functionality out to mobile phones and other handheld devices.

This mobility feature gives PBX users the freedom to attend to office calls irrespective of their geographic location, and independently of their telephony device or telecom network: landline, mobile/cellular or VoIP. HyperExtension functionality includes:

- **One-Number Feature** – simplifies and enhances customer contact. A company representative's PBX extension is allocated as the single contact phone number for contacting the designated person anytime, anywhere and on any preferred telephony device.
- **Double Ring (Simul-Ring)** - simultaneous ringing of both office desk phone and mobile phone (or other telephony device) for optimal call attendance.
- **Mobile PBX Extension** - access to switchboard functions and company call tariffs from mobile phones.
- **SMS Missed Calls Alerting** - PBX users can be notified by an SMS message of a missed call to any one their pre-defined phone devices. The SMS message includes the caller name and number, call date, and time.
- **Call Logs** - centralized management tool for monitoring customer contact performance.

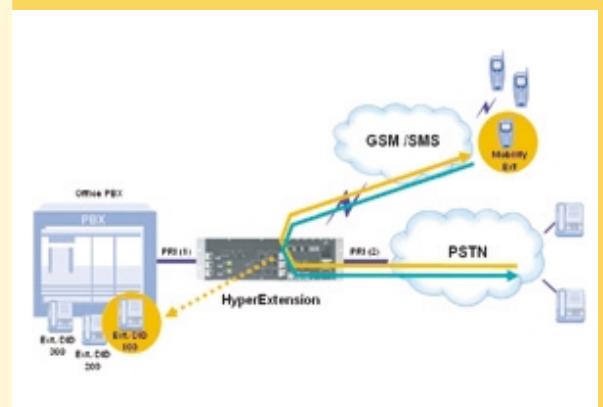
Target Users

The Mobility Extension System is optimized for providing integrated voice communications for both onsite and remote users, opening up new business opportunities for:

- PBX/PABX distributors
- Telecom equipment resellers
- System and call-center integrators
- Telecom equipment installers
- Telecommunication consultants

Key Benefits

- Maximize the VPN's low GSM rates
- Remote Mobile PBX Extension
- Work from everywhere and anywhere
- Fast Return on Investment (ROI)
- Flexibility for handling incoming and outgoing calls
- Increased availability, productivity and efficiency
- Efficient customer contact
- In-line connectivity – between the PBX and the PSTN
- Compatible with all ISDN PBXs



Mobility Extension System

Enterprise Mobility Solution for PBX



HyperExtension system specifications:

Interfaces/protocols

PRI:	DSS1 (Q.931, national variants), E1/T1, TE/NT, CRC4/double frame
BRI:	Optional
GSM:	Ericsson GR64, Wavecom Q24xx One antenna per four channels
CDMA:	Motorola C18
UMTS:	Motorola 3G mobile phones C975 and E1000
IP/Ethernet:	10/100 Base-T, RJ-45

Voice over IP – optional

Voice compression:	GSM, G.723, G.729, G.711
Echo cancellation:	G.168
Signaling:	H323 (Q931, H245, RAS & RTP/RTCP), SIP (optional), QoS (RSVP, DiffServ)
Call setup:	Either integrated or on external server

Management & Control

Web-based management

Antenna

Omni-directional: 3dB indoor antenna with a 3m cable

General

Dimensions:	482x 133 x 280 mm (84HP x 3U x 280 mm)
Weight:	Minimum 7kg (based on the system's configuration)
Housing:	19" rack-mountable
Power:	Max 230VA, 100-240VAC
Certification:	CE
Environmental temperature:	+5°C to +45°C
Humidity:	5% to 95% (non-condensing)

Note: technical data is subject to change without prior

System Highlights:

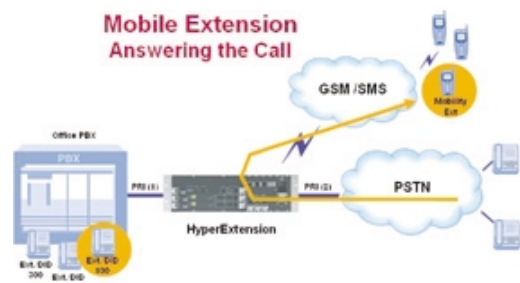
- 4 to 16 GSM channels
- 2 x PRI interfaces with LCR functionality
- Optional - VoIP Gateway functionality
- Remote web-based management and control
- High voice quality
- Fast and easy installation

Mobility Process Highlights

"One Number" - Double Ring for all Incoming Calls



Mobile Extension Answering the Call



Mobile Extension Dialing Through



SMS Alerts for Missed Incoming Calls

