TELESIS mL series Hybrid IP-PBX

TELESIS - Leading-Edge IP Telephony System, is a Hybrid IP PBX Business Phone Systems that are capable of interworking between all its IP and TDM users . It has a new approach to telephony technology that is CAU – Cluster of Autonomous Units, providing a Fully Features IP-PBX with built-in LAN Port and 112 SIP Licenses (Common for SIP Trunk and SIP Extensions)

Hybrid IP PBX Business Phone Systems

1
- Hardware Platform
  - 1 Cabinet having 4 slots for 64 TDM Ports
  - 2 Cabinets combo having 8 slots for 128 TDM Ports
  - External 48 V DC Power Adaptor

2
- Interface
  - SIP Trunk Lines
  - ISDN PRI Line
  - Analog CO Lines with CLI
  - SIP Extensions
  - Analog Extensions
  - Digital extensions

3
- Software
  - Built-in 112 SIP Port Licenses (common to SIP Trunk and SIP Extensions

SLOTS

Main Cabinet   Expansion Cabinet

CPU 1 2 3 4   5 6 7 8

TELESİS
by KAREL

TELESIS Hardware Configuration

- Each Cabinet has 4 Slots (64 TDM Ports)

- 2 Cabinet Stacking with Flat Cable ,provides 128 TDM Ports

- Built-in 112 SIP Port Licenses (Common for SIP Trunk & SIP Extensions)

- *Analog extension Cards –* 8 Port and 16 Ports

- *Analog Trunk Cards* – 4 Port and 8 Ports

- *Hybrid Cards –* 4 CO x 8 Analog Extensions / 4 CO x 2 Digital x 6 Analog

- *Digital Cards* – 8 Port and 15 Port Digital Cards

- *ISDN PRI Card –* Mounted on CPU , No slot Required, Max 1 ISDN PRI Card

- *Max Capacity* **:** 1 PRI / 4 CO / 120 Analog / 112 SIP Licenses / 16 xSIP

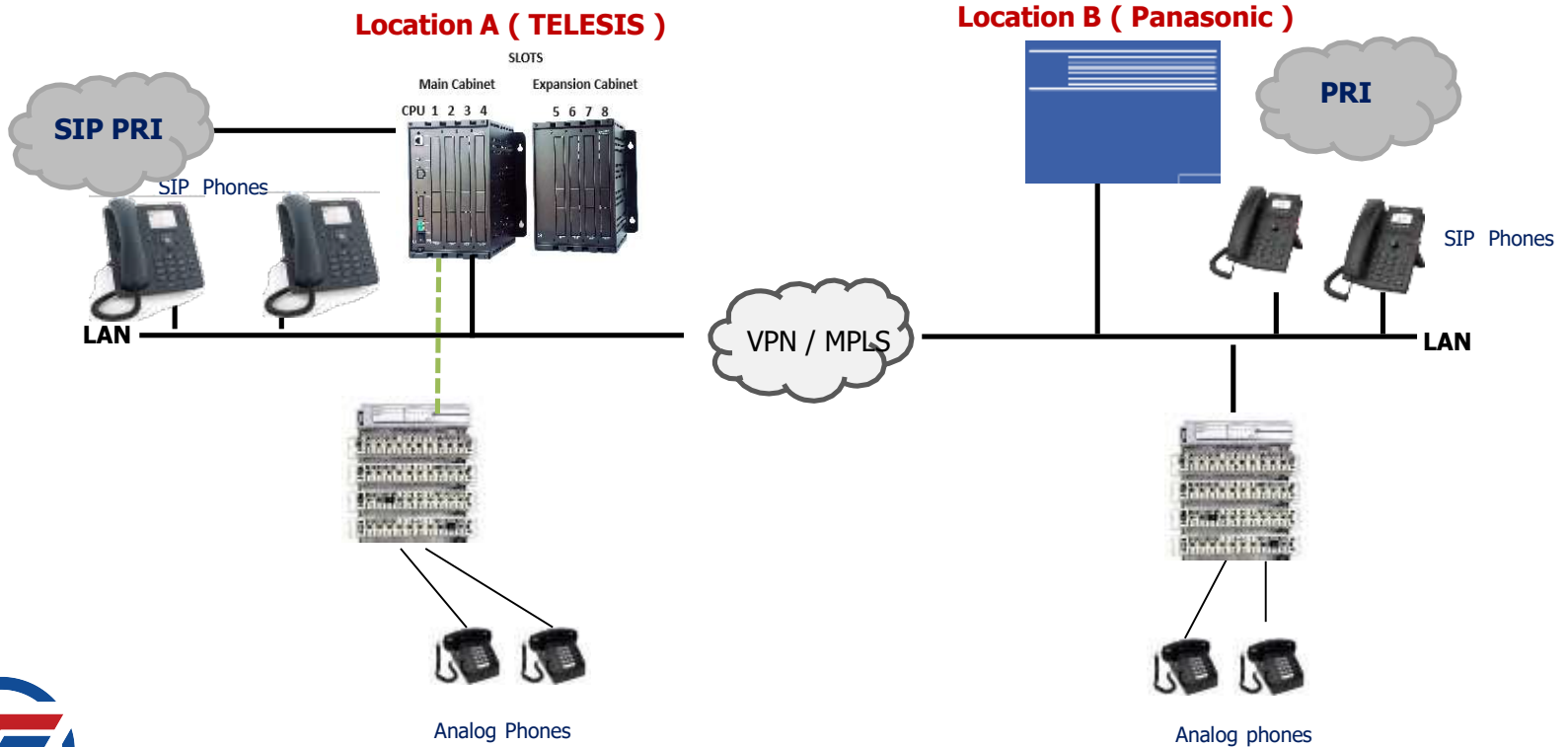- (Connect Upto 127 Systems in clusters on IP network and get upto 30,000 ports)

A   **And many other built-in features…**

- **Voicemail & Voice to email**
  - Unlimited number of mailboxes with 100 Hours of Voice Mail
- **Hotel Features & Flexible Numbering**
  - including direct PMS Interface

- **100 Hours Call Recording**

- **Hunt Groups**

- **Multiple Level IVR / Auto Attendant**

- **Multiple SIP Trunk Interface**
  - Use Dual WAN Router and connect Airtel & TATA on same PBX

- **Multi-Party Conference**

- **CDR**
  - use TELESIS Tool to search and download Call Details

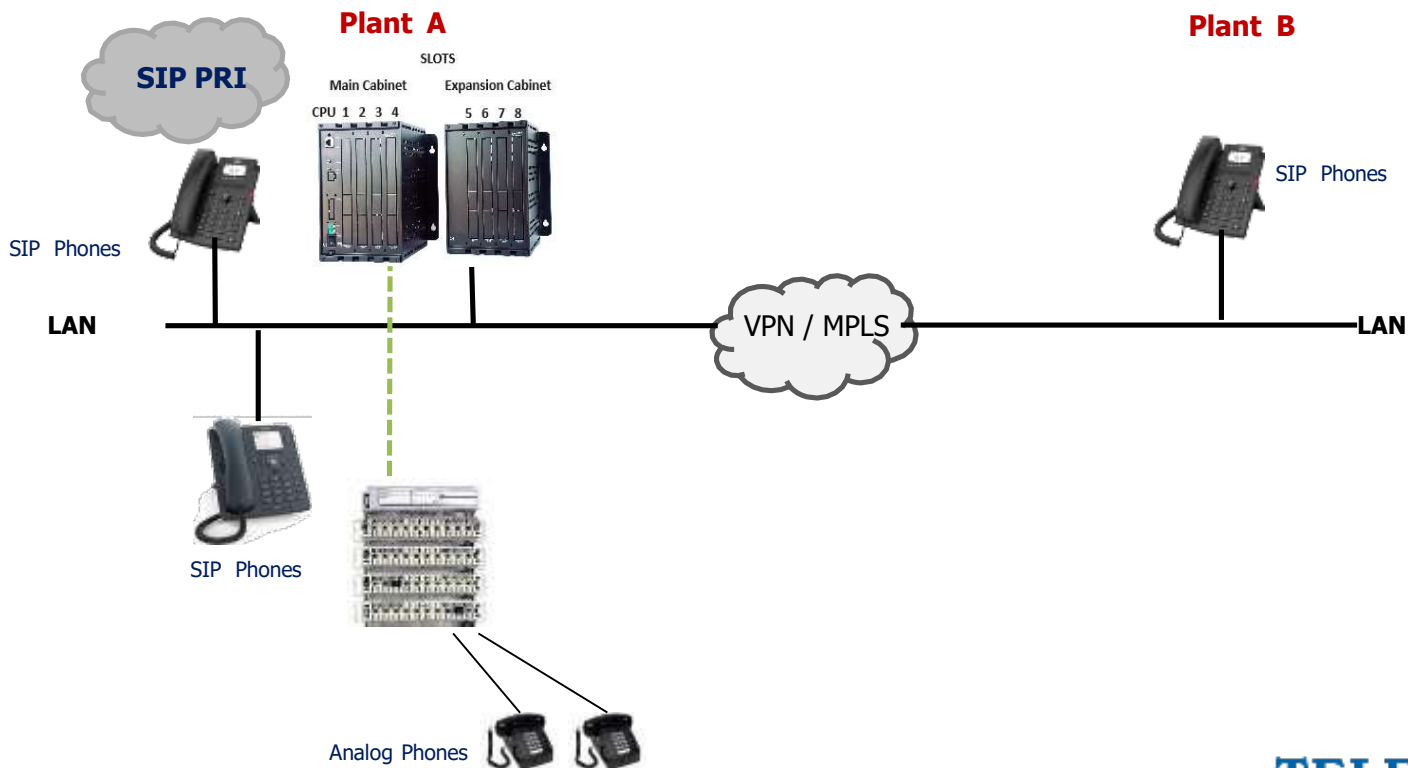- **BLF (Busy Lamp Field) on SIP Phones , like SNOM, intele T 790, etc**

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B

Connect 2 PBX system on Intra Branch Network

Location A (TELESIS)

Location B (Panasonic)

SIP PRI

PRI

SIP Phones

SIP Phones

LAN

VPN / MPLS

LAN

Analog Phones

Analog phones

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C Connect IP Phone at Remote Location over Intra-office Network

Plant A

SIP PRI

SLOTS

Main Cabinet   Expansion Cabinet

CPU 1 2 3 4   5 6 7 8

Plant B

SIP Phones

SIP Phones

LAN

VPN / MPLS

LAN

SIP Phones

Analog Phones

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D **Connect FXS Gateway at Remote Location over Intra-office Network**

Location A

Location B

SIP PRI

SIP Phones

SLOTS
Main Cabinet   Expansion Cabinet
CPU 1 2 3 4   5 6 7 8

SIP Phones

SIP Phones

LAN

VPN / MPLS

LAN

32 Port FXS Gateway for
Analog Extns at Location B

Analog Phones

Analog Phones

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7
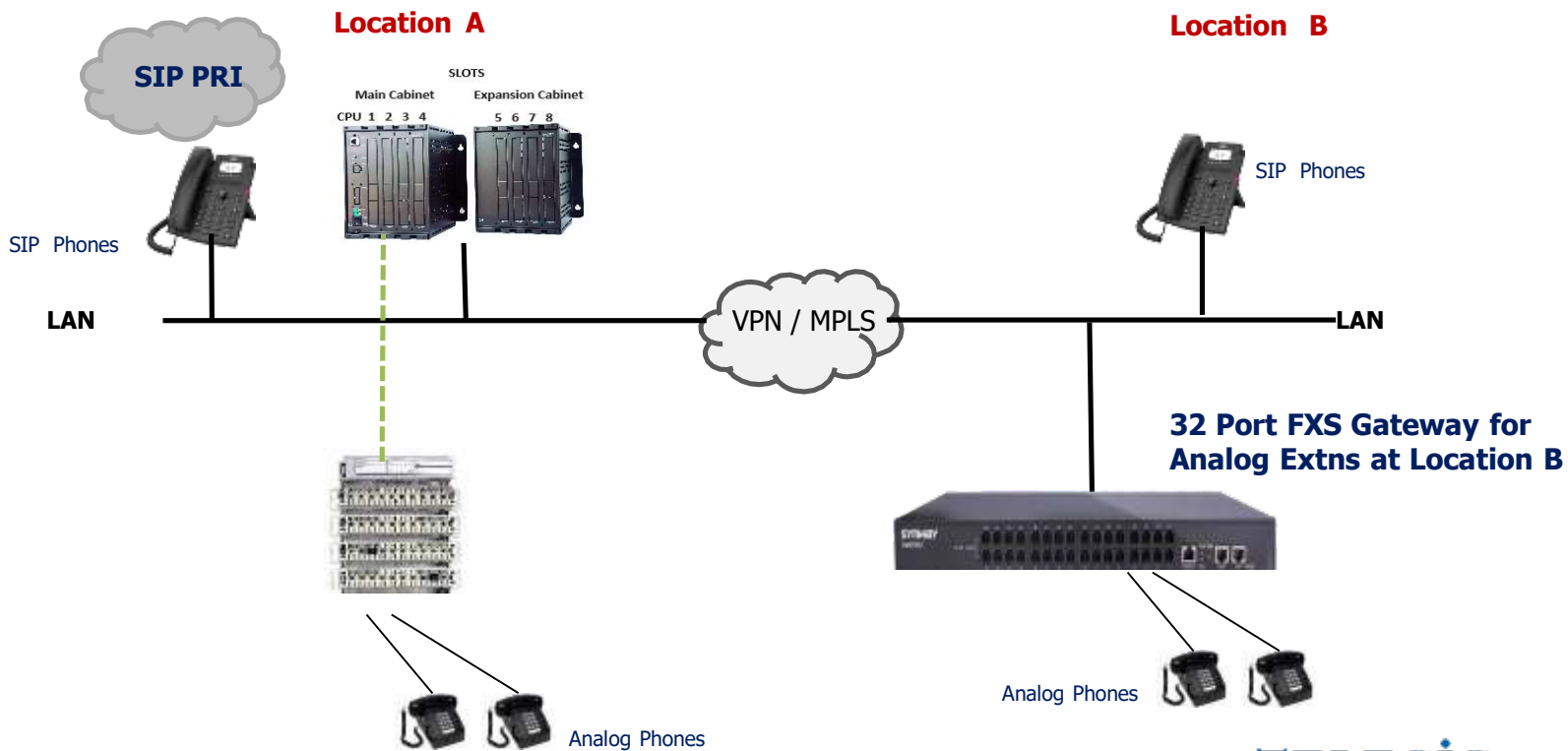
MOBILE SIP CLIENT
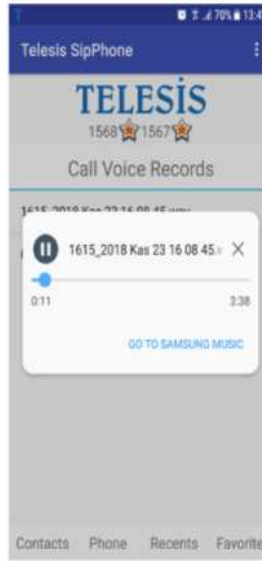
Hallmarks

- Supported by Android 6.1 or newer version
- High voice quality
- Dual SIP accounts
- Intelligent LAN and WAN ip address selection for data usage
- Operation in both mobile and WiFi network
- Manual mobile network selection even WiFi is available and connected
- Bluetooth voice support and call control from BT device
- Call waiting
- Call transfer
- New call through the first account when there is a waiting call
- New call through the second account when there is a waiting call
- Call voice recording
- Access to recorded calls within the application
- Manual sharing and mailing recorded call
- Call deflection
- Address book integration
- Call detail records (CDR)
- Prefix definition for PBX trunk calls
- Trace of incoming, outgoing, missed and lost calls
- List of favourite contacts

TELESIS by KAREL

TELESIS is brand neutral and supports all end Point phones and extensions

- **Analog Extensions**

- **IP Phones**

- **Soft phones – Mobile App**

- **Desktop – App**

- **Video Phones**

- **Portable Wi-Fi Phones.**

Our Solution supports all Analog and generic SIP Phones of any make or Model , including Wired, Wireless and Portable Wi-Fi Handsets

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All Entry Level SIP Phones support Display , Caller ID, Sp-Phone , Call Transfer , Conference…

Fanvil 301PV2, 10/100 switch

Fanvil 303G GIGA Bit switch Phone

SNOM D120 10/100 switch

SNOM D150 , GIGA Bit switch Phone

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Executive Level SIP Phones , incorporate Large Display, HD Quality Sp-phone and Memory Keys

SNOM D717

SNOM D735

SNOM D785

FANVIL W611W
(Portable Wi-Fi Phone)

Operator Console Phone provides quick access to Memory keys and extension status

Highlights:

- Local phonebook, caller ID, call hold, call transfer
- HD audio on speakerphone and handset
- Can handle a variety of audio applications, including IP

  voice, Multiparty conference, etc.
- Fast Ethernet - 10/100 Mbps Ethernet with PoE enabled.
- Stand with 2 adjustable angles.
- BLF with Light indicator
- Navigation Keys
- Soft Function Keys