

TELESIS

Hybrid IP PBX
ml-Series



All-in-one smart business
communication server

TEC
Certified



D-785
SIP Phone

TEC
Certified



Built-in 112 SIP Port Licences



Reducing Total Cost of Ownership

with built-in business package



**Maximizing
Business Output**
with integrated solutions



Fulfilling Communication + a Needs

Monitoring, application
integration

Reducing Total Cost of Ownership

Business communication features are all in built into the Telesis ml-Series communication server.

By utilizing built-in call handling features, employee management applications, business owners can multiply productivity while minimizing cost.

Built-in Business Communication Needs

Business communication needs covered by Telesis ml-Series platform. Without requiring external devices, you can build up office communication infrastructures. Minimizing cost, but yet satisfying your clients with fast responses.



Voice mail

*Sends e-mails to notify you when you have new voice messages.

Auto Attendant & Queue Announcement

Automatic guidance for call routing. It directs clients to the right department and callers can either stay in the call line or leave a voice message after the queue announcement.

Mobile Integration

*By installing designated applications, smartphone devices can work as company extensions.

Employee Management App

Call statistics analysis report, as well as employees

True Hybrid

Saving costs with utilizing your existing resources

Telesis ml-Series supports all available network connections in one platform. Both on the outside line as well as the extension side. Whether you connect to analogue or digital lines, or via Ethernet to a SIP trunk, we will manage your connection and supply you with a voice and unified communication experience. 112 SIP Licenses Built-in

By applying this "True Hybrid" concept, your business can be ready even for future platform transition with minimum investment.



Saving costs with IP networking

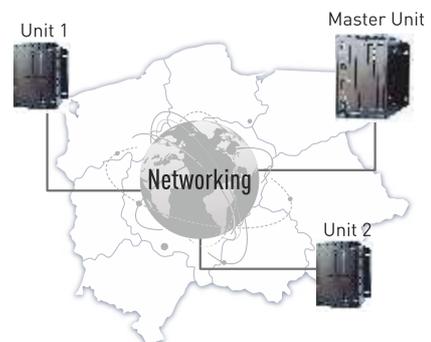
Saving Network Costs

By connecting the Telesis ml-Series units in different offices with an IP network, you can construct a network that integrates both voice and data. This enables extension calls between offices over the IP network, and reduces costs.

Saving Costs when Expanding

The networking function, enabled by linking with the Telesis ml-Series, lets you control the entire system including other offices with a single Telesis ml-Series. Upto 127 systems can be connected in a networked environment.

Connect legacy systems over QSIG & SIP Trunk to expand & keep investment safe.



*112 SIP Licenses is common for SIP Extension, SIP Trunk & PBX-PBX Connectivity.

The Telesis ml-Series is an advanced IP PBX system with its powerful, scalable, and feature-rich design. Built to address the needs of modern businesses, it effortlessly integrates both traditional and VoIP telephony.

This system enables organizations to boost productivity, reduce costs, and streamline communications, with scalability from 16 up to 654 ports (IP + TDM) to accommodate business growth.

► Mobility Enhances Communication for Any Business Style

Mobile Softphone

Telesis ml-Series connects all models, 3rd Party WiFi SIP with our unique technology that enables comfortable conversations, even in noisy places.

Within the coverage area of WiFi Network, you can keep in constant touch with colleagues and customers even when moving around the work environment.



Paging System

Using the paging system enables you to efficiently share information to entire floors. With this system, the system can broadcast the messages through designated extension terminals or 3rd party SIP speakers.



► Built-in PMS Interface to Integrate with Hotel FOS Applications

The Telesis ml-Series supports a FOS (Front Office Software) interface function. You can connect the Telesis ml-Series directly to a FOS without purchasing a third party external interface equipment to construct a cost efficient hotel system.

Integration with third party FOSs also enables easy call management for receptionists and operations, and streamlines wake-up call setting and management. This makes locking out phones of checked-out guests a one-touch operation.

Customer satisfaction is further improved with Telesis ml-Series. It supports Fidelio compatible FOS from third party vendors and features such as room changes or room to room barring, wakeup alarm.....

*FOS License required



Enhanced Features

1. TELESIS is brand neutral for SIP extensions and we support all Models of SIP Phones.
2. Boss - Secretary (with Busy Lamp Field) & Distinctive Ring for Internal and external Calls.
3. Have a Visual Display if your Extensions or Trunk Lines are Busy / Free. Dial using these predefined extensions using a single touch memory key on SIP extensions.
4. Call Recording - allows user to record calls of pre-defined users. You can download the recordings and share with Supervisor for review . Play direct from Media Player.
5. Conference - Start a call ,add a participant and merge calls into a single conference to have a 3 party Conference use Multi Stations Conference Facility to start a 8 Party Call with a Single command (internal / external).
6. Speed Dial - Dial upto 1000 numbers for quick dial access.



Specifications :

CPU	High Speed DSPs	
Power Input	180 V AC to 240 V AC: 0.5 A/200 V AC to 240 V AC; 50 Hz/60 Hz	
Power Consumption (when fully mounted)	80 W	
External Backup Battery	48 V DC Battery Connection	
Dialling	Trunk	Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialling with 1800 Ohms Loop resistance
	Extension	Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialling with 3000 Ohms Loop Resistance
Mode Conversion	DP-DTMF, DTMF-DP	
Ring Frequency	25Hz, 90(+/-)15% Vrms	
Operating Environment	Temperature	0 °C to 40 °C
	Humidity	10 % to 85 % (non-condensing)
Conference Call Trunk	32 parties (default) (10 x 3-party conference call,)	-
Music on Hold (MOH)	Customied MOH as wave file	
External Paging	Using SIP Speakers for Paging or SIP Gateway	
LAN Port	1 (for LAN connection)	10BASE-T/100BASE-TX (Auto MDI/MDI-X)
Extension Connection Cable	SLT	1-pair wire (T, R)
	DPT	1-pair wire (D1, D2)
	SIP Extensions	LAN Network with PoE / Adaptors
	DSS Console and Add-on Key Module	Direct Digital Phone Mount
Dimension	242 x 190 x 212 mm (H x W x D) Single Box Telesis ml-1	
Weight (when fully mounted)	Under 4.5 kg	

Total Extensions

Total Extensions	ML1	ML1 + ML2	Network Cluster
SLT	64	128	16000
DPT (T76xx/DT5xx)(DXDP ³)	60	120	
Built-in SIP	112 + 16	112 + 16	14000
SIP with add on Card	352	352	44000
DSS Console	8	8	
Built-in VM (ch)	16	16	
DSP Resources Built-in(ch)	64	64	
Call recording Ch (100 Hours)	16	16	
Recording With Web CM			
Built-in Relay	2	2	

Total Number of Trunks

Total Number of Trunks Channels	ML1	ML1 + ML2	Networked Cluster
BRI(ch)	4	4	508
PRI QSIG(ch)	90	90	3810
PRI30 (ch)	90	90	3810
E1(ch)	90	90	3810
Analogue Trunk(ch)	32	64	8128
E&M(ch)	4	4	508
H.323(ch)	32	32	
SIP Trunk(ch)	112	112	14224

SIP Telephones



Bluetooth



WiFi



Light Sensor



Headset connectable



USB Port



IPv6 & IPv4



Gigabit Ethernet



HD350W
WiFi Hotel IP Phone



D717



D735



D785 / 785N



Expansion Modules

Digital Key Telephones



DTSX DIGITAL PHONE
ITSX IP PHONE



DTS700 DIGITAL PHONE
ITS700 IP PHONE



SIP-T790 IP PHONE



D140



D865

TELESIS

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