



OpenScope Xpert

OpenScope Xpert is a reliable, multi-line communications solution for financial, energy, and commodity trade as well as for dispatchers in control centers and Public Safety Answering Points. It increases the workers' efficiency and productivity, while reducing operational cost and complexity.

Multi-line communication

Financial, energy, and commodity trade as well as dispatchers in control centers and Public Safety Answering Points around the world depend on communications. Traders and dispatchers can be responsible for handling hundreds of critical calls a day. Whether it is a many millions dollar trade, vital cargo delivery, or more importantly, human lives; companies depend on fast and reliable communications. OpenScope Xpert makes it easy – delivering unparalleled usability and flexibility to the dispatcher or trader to maximize their effectiveness and efficiency.

OpenScope Xpert overview

The full-scalable communication solution with its compact OpenScope Xpert 6010p terminal enables more than 600 lines to communicate, collaborate, and escalate. Since it is IP-based and supports SIP, it is easy to integrate with existing enterprise telephony solutions. Moreover, it makes it easy to roll-out high ROI communication technologies such as Voice over IP (VoIP), IPTV, Unified Communications (UC) and Fixed-Mobile Convergence (FMC). OpenScope Xpert provides all of the communications features that companies need today. Because it is designed around open standards, the solution is future-proof.

The OpenScope Xpert terminal balances innovative features and unparalleled flexibility against the security and reliability required of such a mission-critical system.

The large touch screen allows to select up to 200 customizable pages of user interface, enabling up to 12,000 user-definable soft buttons. Additional components include; Push-to-Talk handsets, gooseneck microphone, and external speaker module which was especially designed for voice monitoring. Dispatchers or traders can setup the device exactly the way they want it. All configuration and customization information is stored centrally to facilitate global free seating and disaster recovery.

To reduce the number of moving parts and increase MTBF, OpenScope Xpert uses a CF card and is fanless. In addition, all of the components in the solution are compatible with VMware and can be doubled-up for redundancy and high availability.



OpenScope Xpert terminal

OpenScape Xpert main features

Usability

Traders and dispatch operators can use many communication channels simultaneously, and initialize/finish dozens of calls each minute. OpenScape Xpert's crisp 10" touchscreen optimizes the handling of lots of calls per day.

Prioritized call queue

Fast, 1-button access from any screen to incoming and parked calls.

Fast response to missed calls

Inbound call logging and automatic re-dial for missed calls.

Customizable user interface

Up to 200 pages, 12,000 user-definable buttons. Each trader can optimize his terminal for his own needs.

Easy to integrate

TAPI interface and powerful macro language make it easy to integrate with other programs.

Windows Soft Client

Available as a Windows 7 compatible soft client that provides the complete Xpert's functionality on a standard Windows 7 laptop.

Flexibility

Different business and services require different connection types, special input/output devices, and optimized user interfaces. OpenScape Xpert is completely configurable and scalable to each user's specific needs.

Numerous input/output options

Each device can include up to 4 handsets, headsets, or a gooseneck microphone and two additional speaker modules.

Global free seating

Device setup and configuration are stored centrally; user login and authentication allow to use any terminal on the floor.

Multi-language support

Several languages are available for the user interface (English, French, Italian, German, Spanish, Portuguese, Russian, Czech, Slovakian and Polish).

Broad telephony support

Easy provisioning, whatever type and mix of connection is required:

- Standard telecommunication lines (IP & TDM)
- Direct lines (ARD's & MRD's)
- Intercom & Broadcast (Hoots & Hollers)
- Radio and IPTV

Reliability

When human lives or millions of dollars are on the line, communications are mission-critical for the success of the enterprise. OpenScape Xpert is designed from the ground up to be fail-safe and reliable.

Redundant I/O

Dual LAN ports and 6 USB ports for reliable connectivity.

New Distributed Server Architecture (NDSA)

Increases the availability of the whole multi-site system and provides all features to all sites.

VMware support

VMware ESXi 5.0 support provides:

- High Availability (HA) - Automatic restart of virtual machines on another ESXi host when the server or the operating system fails.
- Fault Tolerance (FT) - Automatically triggers stateless failover when the protected virtual machine fails.

OpenScape Xpert deployment options

OpenScape Xpert can easily be deployed in almost any telecommunication environment, TDM or IP, centralized or distributed architecture. Since it is open standards-based and supports SIP, integration with third-party IP telephony solutions, voice recording or call logging solutions is easy. However, OpenScape Xpert is optimized to work with enterprise telephony solutions providing advanced VoIP and Unified Communications (UC) features.

The OpenScape Xpert Multi-Line Control servers (MLC) make it possible for every workplace to support up to 600 lines, any combination of standard telecommunication lines (TDM or IP), direct lines, hoots & hollers. Replacing expensive direct lines with IP lines can significantly reduce telecommunication costs. OpenScape Xpert System Manager makes it easy for the IT department to setup and configure each Xpert terminal. Each customized user interface is stored in a secure System Manager profile.

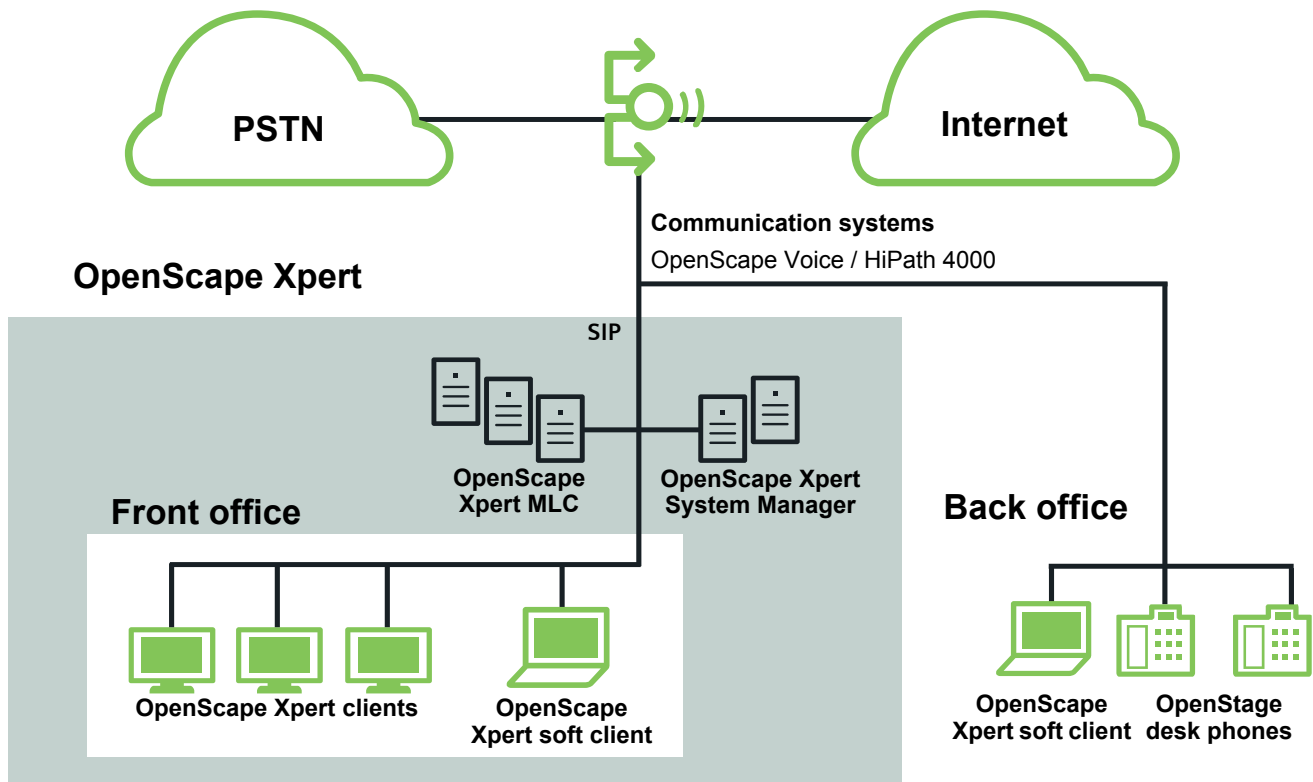
Enterprise telephony solutions

We offer a comprehensive, mature ecosystem of enterprise telecommunication products and solutions:

- **OpenScape Voice** is a carrier-grade, native SIP-based soft switch, providing comprehensive voice features across the IP network. It can support up to 3,000 branches and 6,000 business groups with multi-tenant capabilities, and is ideal for large-scale enterprise networks and service providers. OpenScape Voice includes standard IT virtualization and management options.
- **HiPath 4000** is the leading converged communications platform for medium and large enterprises. HiPath 4000 offers high-availability, flexible deployment models, standards-based integration and interoperability with business-critical applications and workflows.

For more information about our enterprise telephony solutions, please visit our website at:

<http://www.unify.com/us/products/voice-solutions.aspx>



OpenScape Xpert system architecture

OpenScape Xpert options

OpenScape Xpert is expandable and configurable to the unique requirements of each customer:

Item	Description	Stock Keeping Unit (SKU) number
OpenScape Xpert 6010p	The OpenScape Xpert 6010p terminal provides 20 free customizable cabinet buttons. The user interface provides up to 200 pages allowing 12,000 user-definable soft buttons.	L30258-W600-D235
OpenScape Xpert Speaker Module	The OpenScape Xpert Speaker Module supports eight (8) additional speaker channels with high-quality speakers and separate volume control. Each OpenScape Xpert terminal supports up to two (2) Speaker Modules.	L30258-W600-D246
OpenScape Push-to-Talk/Mute handset	The standard OpenScape Xpert handsets are equipped with a talk button that can be used as a Push-to-Talk or Push-to-Mute button. A fixing key switches the handset on permanently.	L30258-W600-D236
OpenScape Handset with volume control	The new OpenScape Xpert handset is equipped with a talk button that can be used as a Push-to-Talk or Push-to-Mute button and includes integrated volume control.	L30258-W600-D248
OpenScape Universal handset cradle	The OpenScape Xpert cradle is usable for all types of handsets. When configured, placing the handset in the cradle automatically disconnects the call. Lifting the handset from the cradle automatically activates an incoming call on the handset.	L30258-W600-D247
Gooseneck microphone	An optional gooseneck microphone plugs into the OpenScape Xpert terminal and operates in handsfree or Push-to-Talk mode.	L30258-W600-D245

OpenScape Xpert 6010p technical data

Power supply	External power supply	
Primary side	Rated voltage	230 V AC
	Voltage range	90 - 264 V AC, 47 - 63 Hz, 1.5 A
	Power consumption max.	65 W
	Bridging of power failures	10 ms
Secondary side	Output voltage	12 VDC
	Max. output current	5 A
	Fuse protection	5 A surge-proof

Input/Output		
	Ethernet	2 x 10/100BT
	USB	6 x V2.0, 480 Mbps, max. 500 mA DC
	Audio	2 x Input Mono 3 x Output Mono 4 x Handset
	Serial (COM)	None
	Parallel (LPT)	None

Processor module	Module, CPU, RAM, GPU, hard disk	
	CPU	1.67 GHz single core
	Cache	512 kByte
	Chipset	ICH8M
	Main memory	1 GByte
	Mass memory	CompactFlash 2 GByte
	GPU	3D video controller, Intel® Extreme Graphics®
	Cooling	Passive

Mechanical		
	Width x depth x height	338 x 60 x 193 mm (13.5" x 7.5" x 2.3")
	Mounting	Stand-alone, adjustable tilt and 75 mm VESA support
	Weight	Approx. 2.6 kg

Environmental		
	Storage temperature	-25 ... +55 °C (-13 ... +131 °F)
	Transport temperature	-25 ... +70 °C (-13 ... +158 °F)
	Operating temperature	+5 ... +40 °C (+41 ... +104 °F)
	Vibration	Not required
	Shock	Not required
	Front protection	IP40
	Rear protection	IP20

