

MWS

Connex IP certified with OmniPCX Enterprise™ and OXO Connect™



Connex IP is an IP / SIP audio video intercom solution. As a Full IP solution, Connex IP intercom stations use a single network cable (RJ45) for managing audio, video and data, as well as for the power supply via PoE.

Integration Overview:

MWS offers high quality intercoms, designed for a use in noisy environment such as security stations, parking entries, halls, highway tolls or hospitals. These intercoms are used to make or receive calls in optimal conditions. They are made to be used with all IPs and phone terminals of the company. SIP and RTP protocols, used by the major players working in the industry, insure a compatibility with existing and future VOIP terminals. The power is supplied by the LAN (POE 802.3af). The use of the existing network minimizes installation costs.



Integration Details:

The Connex IP entry stations integrate complete and powerful Full IP capabilities. With native SIP, they offer the following principal functions (depending upon the version):

- Acoustic and visual quality: with Full Duplex audio communications including noise and echo cancelling system and color digital video camera.
- SIP technology and interoperability: the use of SIP protocol (RFC3261 standard) and the most common audio and video codec (G711, G722, GSM, H263, H263+, H264) ensure our openness to other systems: IP telephone systems, mobility, supervision, video surveillance, etc.
- Easy and user-friendly web interface: for remote configuration of the stations.
- Multi-support call reception: on audio or audio video master stations, on smartphones, on computers with audio video reception software, on SIP phones, on GSM, DECT, analog phones.
- A solution compliant with disability regulations: stations with color video cameras, three pictograms viewed with colored LEDs (and / or directly on graphic screen), and audible messages. An

induction loop is directly integrated into the intercom stations and keypads have buttons with Braille.

- Secure the Ethernet network by using the 802.1X protocol (Radius)
- Backup on power failure.
- POE function (Power Over Ethernet)
- Wi-Fi function (option)
- Embedded web server can be configured, monitored and operated from any browser

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Technical Details:

Environment	
Partner	ALE
<ul style="list-style-type: none"> • Connex IP v4.1.1.1 	<ul style="list-style-type: none"> • OmniPCX EnterpriseR12.3™ • OXO Connect R3.1™
Supported APIs/Protocols	
<ul style="list-style-type: none"> • SIP 	

Company Overview:

MWS is specialized in the development and production of equipment for the telecom ecosystem, the management of information and the production of specific applications to better the information systems. In the quest of continuous innovation, MWS offers solutions tailored to different markets. The company is mainly present in 3 sectors: Healthcare, Industry and local authorities.



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