

Cellular Gateway

Move from Wired to Wireless Communication



WIRE X

WireX is a reliable and cost-effective solution allowing equipment with built-in analog modems to connect to cellular 2G/3G networks.

Analog phone-lines are being abandoned by network providers (POTS/PSTN Sunset). WireX allows to immediately and effortlessly replace them with a cost-competitive cellular subscription, extending the lifetime of your products at the same time.

Our gateway does not require any changes on host/connected devices and as an external network accessory, this converter allows to migrate from wired to cellular connectivity with a very low regulatory impact.



Worldwide Coverage

When used with eDevice SIM cards, WireX allows international wireless support. Traffic can be monitored and audited through the eDevice SLP (Device Management).



FXS Interface

WireX reproduces the behavior of the wired analog phone network by generating a dial tone, busy signal and ring.



Stylish Design

Its simple and sleek design makes it ideal for use in home or desktop environment. WireX is customizable and can be branded with your logo.



Plug & Play

Preconfigured WireX bundled with cellular SIM card can be shipped directly to each device location for an immediate and costless installation.



Network Conversion

The WireX demodulates the analog flow to extract the data or voice and transfers them over 2G/3G.



POTS Replacement

Network providers are abandoning POTS connectivity. WireX provides an easy solution for replacing POTS with 2G/3G technologies.

HARDWARE

- Dual-Band 3G (US/EU/JP versions)
- GSM / GPRS / EDGE Quad-Band
- GPRS / EDGE multislots Class12
- RJ11 POTS / FXS interface
- Dim. 120x103x36 mm (WxDxH)
- Operating Environment: 0 to + 40°C
- Internal Antenna
- Jack power connector (12V)
- Internal backup battery (optional)
- LEDs indicating cellular signal strength / operating status
- Wall mounting casing

SOFTWARE

- Standard network termination emulation (POTS)
- V21, V22, V22bis, V23, V32, V32bis and V34 modem support
- Voice communications support
- RFC-compliant TCP client and server
- Remote control over cellular and FXS Interface
- Automatic cellular attachment
- CaSaaS patented network carrier remote selection

CONVERSION MODES

- ISP: IP XUUU[fUa s from the Y[UWhi device are directly transferred through 2G/3G after call setup
- Transparent Modem: Fax data from the Y[UWhidevice are encapsulated into TCP frames through 2G/3G after call setup
- ; GA 'Jc]W'; UHYk Um5bUc[j c]W' WJ'g Zca 'hY'Y[UWhXYj]W Hf][[Yf' ; GA j c]W' WJ'g

The WireX is the easiest way to switch legacy equipment from traditional phone landlines to the wireless 2G/3G network. The existing phone network cable is connected directly to the WireX that extracts the payload data from the modem flow or voice from the telephone.

For data applications, once equipment have been cellular-enabled by the WireX, banks of analog modems on the central server can be replaced by a high bandwidth Internet link. In this case, if required by the server application, a virtual COM port redirector can emulate the removed modems on the central server.

WireX embeds 100% of eDevice technology. It is the result of 15 years of innovation and expertise in telecommunication, hardware design, embedded software engineering and mobile network services for M2M applications. Tens of thousands of WireX devices are already in the field across the globe, making it the most recognized solution for retrofitting and extending the life of existing devices embedding analog modems.