Analog To Wireless Converter
Cut Fixed-Line Communication Costs

WIRE X

WireX is a flexible and cost-effective solution allowing legacy equipment with built-in analog modems to connect to the cellular packet data or circuit-switched data networks.

Thousands of expensive Fixed-line used for connecting devices can be immediately replaced by cost-competitive cellular SIM cards thus decreasing the overall telecommunication budget without any effort and at the same time offering worldwide mobility for end-users.

Acting as a plug-and-play PSTN to GPRS gateway, the WireX does not require any changes to the host/connected device: simply unplug the phone jack from the wall socket and plug it into the WireX traditional dial-up PSTN network Emulation Input socket. The data previously transferred over the modem link is automatically transmitted over IP frames on the GPRS or GSM Data CSD cellular network.

Stylish Design
Its simple and sleek design makes it ideal for use in home or desktop environment.

Network Conversion
The WireX demodulates the analog flow to extract the data and transfers it over GPRS within TCP frames.

FXS Interface
The WireX reproduces the behavior of the wired analog phone network by generating dialtone, busy tone, ring signal...

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

Worldwide Coverage
When used with eDevice SIM card service, the WireX allows international wireless support. Traffic can be monitored and audited through the eDevice SLIP service.

Cost Savings
Switching to GPRS subscriptions allows to benefit from adapted billing and to use flexible high bandwidth Internet access at the central server site.

ISO 9001
BUREAU VERITAS
Certification
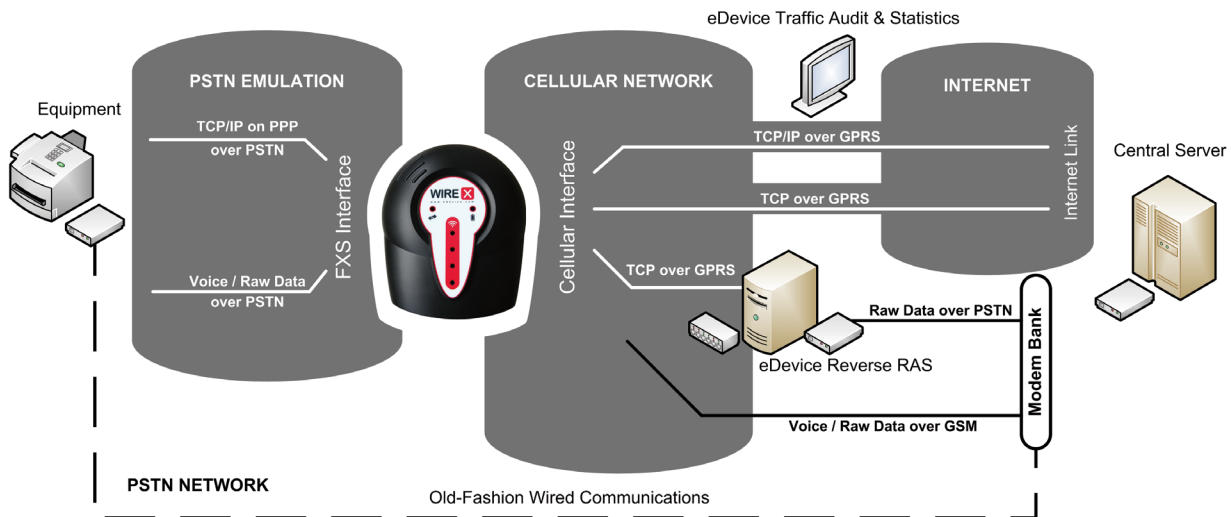
e ◇ device
Connectivity That Cares

WIRE X

Hardware

- Class10 GSM / GPRS Quad-Band Modem
- RJ11 POTS / FXS interface
- Dimensions 120(W) x 103(D) x 36(H) mm
- Operating Environment: 0 to + 45°C
- Internal Antenna & SIM card holder
- Power Supply 12V
- Internal Li-Ion Battery
- LEDs indicating GSM Signal Strength
- Wall mounting casing

Software

- Standard Network Termination Emulation (POTS)
- V21, V22, V22bis, V23, V32, V32bis and V34 modem support
- RFC-compliant TCP client and server
- Embedded Web Server
- Dynamic DNS client
- Remote control over GPRS network and FXS Interface
- POP3/SMTP client for mail exchange
- Automatic GPRS attachment

Conversion Modes

- ISP: IP frames from the device are directly transferred through GPRS after call setup
- Transparent: raw data from the device are encapsulated in TCP frames through GPRS after call setup
- GSM Gateway: analog calls from the device trigger GSM calls
- ReverseRAS: raw data from the device are sent through GPRS to the eDevice ReverseRAS server
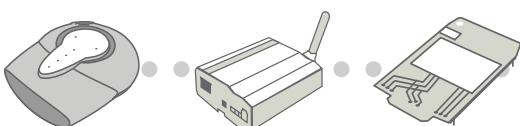

The WireX is the easiest way to switch legacy equipment from traditional phone landlines to the wireless GSM/GPRS network. The existing phone network cable is connected directly to the WireX that extracts the payload data from the modem flow.

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 the eDevice TCP Serial Bridge software can emulate the removed modems to avoid software upgrade on the central server.

When no changes are possible on the central server, the eDevice ReverseRAS service can process the calls from the WireX on the field and transfer them to the central server keeping the existing communication mode.

WireX not only complies with RoHS but also reduces the carbon footprint needed for production stages, transportation and overall lifetime compared to previous generation products. Life extension of existing devices is a major benefit from WireX solution.

More than 3 Million Products in the Field

e◇device
Connectivity That Cares