# e◇device

## Connectivity That Cares

CELLULAR / WIRELESS

FIXED-LINES

**SLP** Services & Logistics Portal

1 Connecting your patients & devices
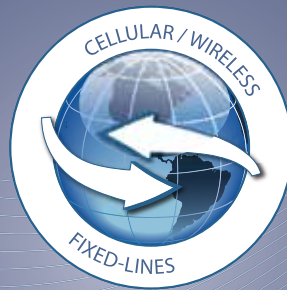
2 Providing global communication network services

3 Delivering usage data and features for remote device management

# HealthGO*
## Next-Generation Telehealth Platform

HealthGO is a Remote Patient Monitoring technology platform designed for medical device and healthcare monitoring companies seeking to quickly roll-out an end-to-end innovative, customized and reliable solution. HealthGO-based telehealth solutions increase patient quality of life and quality of care through accurate and focused medical home-based monitoring.

## Flexible Vital Signs Monitoring

- Reliable vital signs monitoring using standards compliant technology
- Wireless and wired peripherals including: Blood pressure, SPO2, Glucose Meter, Scales, and more.
- Embedded BP Monitor (optional in HealthGO+)
- USB and Bluetooth

## Worldwide Multi-Network Connectivity

- eDevice cellular services for worldwide Internet connectivity
- Tri-band / Penta-band 3G and Quad-band GSM/GPRS
- Embedded analog modem (POTS/PSTN)
- Ethernet / LAN
- Optional Wi-Fi

## Powerful & Customizable User Interface

- 4.3" touch-screen with 3 buttons (HealthGO)
- 7" touch-screen (HealthGO+)
- Embedded microphone / speaker system for easy Patient / Physician interaction
- API available for in-house development of your apps.

## Additional Features

- Disease management tools
- Capable of displaying information including weather, new mails, etc.
- Capable of providing health education to the patient.

\* Technology demonstrator

# WireX
## Analog To Wireless Converter

WireX is a Plug & Play PSTN/POTS to cellular gateway for easily connecting legacy devices with embedded analog dial-up modems to the global cellular wireless network.

Thousands of expensive Fixed-lines used for connecting devices can be immediately replaced by cost-competitive cellular subscriptions, thereby reducing the overall telecommunication budget without any effort and at the same time offering worldwide mobility for end-users. WireX is a perfect solution for people who can now travel despite needing to be monitored.

## Network Conversion

The WireX demodulates the analog flow to extract its data and transfer it over GPRS/3G within TCP frames. The integrated FXS interface allows WireX to reproduce the behavior of the wired analog phone network by generating dial-tones, busy tones, ring signals, etc.

## Plug & Play

The preconfigured WireX comes bundled with a cellular subscription and can be shipped directly to each device location for an instantaneous and costless installation.

## Cost Savings

Switching to GPRS/3G subscriptions allows to benefit from adapted billing and to use flexible high bandwidth Internet access at your company's central server site.

# Cellgo

Cellgo is a compact GSM/GPRS Modem allowing serial devices to connect to the cellular network. Cellgo integrates a Super-Capacitor enabling power-constrained products, such as battery-powered devices, to cope with power peaks required during cellular transmission. Cellgo can be powered directly through the RJ45 serial connector for a convenient single cable installation or with an optional separate charger.

# eDmod3G

The eDmod3G is a complete, ready-to-integrate and easy-to-use 3G/GSM/GPRS module embedding a powerful TCP/IP stack, and all in a compact form factor that makes it suitable for inclusion in a large range of appliances. It is especially designed for products with power constraints, such as battery powered devices, that are unable to cope with power peaks, required during cellular transmission.
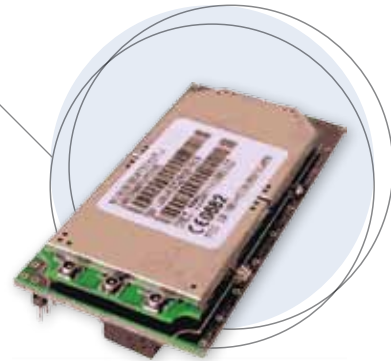
# ShareSIM

ShareSIM is a compact and cost-effective solution for easily connecting devices or computers on a LAN network to an Intranet or the Internet over a 3G cellular network.

For applications requiring network redundancy such as remote monitoring, the easy failover feature maintains Internet connectivity whenever your main Internet link is down. ShareSIM reduces downtime by redirecting data traffic over a 3G link. As soon as the main Internet link is working again, ShareSIM automatically switches back to idle mode.

CELLULAR / WIRELESS

FIXED-LINES
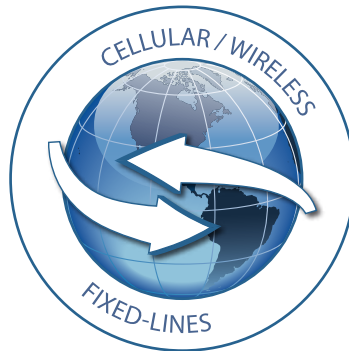
# eDevice Cellular Services

To connect your device to the cellular network for remote data exchange, you need to have it provisioned with a network / carrier subscription.

Cellular carriers / operators have built out extensive global networks but are focused on delivering solutions primarily to high volume usage applications. Our cellular service is based on agreements negotiated with carriers around the world enabling use of their global access systems coupled with our own detailed technical redundant infrastructure located in our Network Operation Centers (NOC).
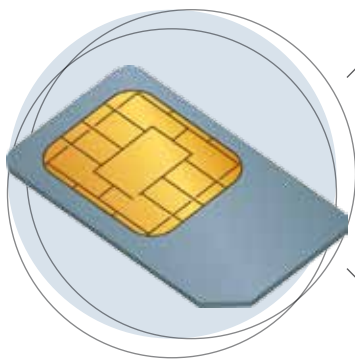
- Included SIM Card
- Scalability & Flexibility
- Redundant Network Infrastructure
- Central Billing by eDevice
- International Coverage
- Discounted Rates

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# SLP
## Services & Logistics Portal

SLP is a unique service that enables eDevice customers to obtain immediate information and intuitive control of their international fleet of connected devices with eDevice SIM cards and products.

The rich and comprehensive GUI is a true dashboard for customers needing to efficiently administrate thousands to hundreds of thousands of cellular devices. The numerous fine tunable traffic filters provide an immediate view of individual devices or groups of devices that require detailed monitoring to manage telecom billing and to ensure normal device behavior.

## SLP includes

### Powerful Statistical Filters

Devices or groups of devices can be flagged if they go below / above thresholds of data sent / received, numbers of connections or session duration, or if they deviate from their usual statistical behavior.

### Geolocation Capabilities

This service allows to locate customer devices in the field using the cellular tower identifier of the last location it connected to. This service is enabled through the SLP which provides an approximate location of the device.

### Value Added Alarms

A generic, user-configurable set of alarms has been developed by eDevice based on 10 years of experience in cellular devices management. These alarms can automatically generate mail alerts for quick follow-up by your team managing your fleet of devices.

### Device Management Console

SLP has been designed to both manage SIM card traffic and also provide you with a comprehensive and powerful supervision platform to control and monitor your own devices.

## PHILIPS

Philips' Telestation® is one of the worldwide leading telehealth solutions. Telestation® acts as a hub for transmission of vital signs data and is also a medium for interactive communication between care providers and patients at home. Philips is using eDevice's BridgeD130 / WireX, in order to add cellular connectivity to its own Telestation® solution. This allows Philips to stay focused on its own, core medical operations while eDevice is handling the communication process.

## Honeywell HomMed

Honeywell HomMed, an eDevice partner and leader in telehealth and remote patient care, automates and secures transfer of medical and vital signs records with eDevice eHealth data communication terminals and modules. The Genesis® DM telehealth device measures vital signs such as heart rate, blood pressure, weight, and SPo2, and provides customizable subjective disease-related queries for a more complete picture of an individual's health.

## Medtronic

Medtronic is a worldwide leader in implanted medical technologies and has implemented eDevice technology under its own brand called M-Link®. The M-Link® cellular accessory is making remote monitoring accessible to a greater number of eligible patients. Now patients without a telephone landline have a convenient option to access the CareLink® Network. They can benefit from all advantages that come from remote monitoring, including fewer in-clinic visits, and peace of mind from knowing their medical data can be transmitted using cellular technology, without the need for a landline.

## CONFIDENCE

The main objective of this EU funded project is the development and integration of innovative technologies to build a care system for the detection of abnormal events (such as falls) or unexpected behaviors that may be related to a health problem in elderly people.

Confidence will be a cost effective, non-intrusive and reliable system that will increase the quality of life and security of the elderly and, thus, prolong their personal autonomy and participation in society. Not only will the elderly profit from the system, but also their families and caregivers, since the burden on them will be substantially reduced. Confidence aims to decrease the need of institutionalization of the elderly.

In case of an abnormal situation such as a fall or an accident, Confidence will permit a rapid actuation of the health services, which will decrease the negative consequences of the accident (worsening of injuries, psychological impact of being alone and injured, etc).

SEVENTH FRAMEWORK PROGRAMME

## > eHealth Complete Solution Provider

At the crossroads of gateways, services, telecom, and medical fields, eDevice pioneered the eHealth connectivity space. From 2002, several market leaders rely on eDevice to provide solutions to securely and safely transfer their patient data.

Based in Bordeaux, France, eDevice's team of experts enables the company to continue steady and profitable growth.

Dedicated to quality, eDevice is ISO-9001 certified for design, production, marketing of modems and communicating equipment, and provision of global network telecommunication and data transmission services.

eDevice designs and develops innovative solutions for machine-to-machine and eHealth connectivity. Through partnership with technology leaders, eDevice brings leading-edge connectivity technologies to medical devices and telehealth companies.

More than 3 million products embedding eDevice's technology are already in the field.

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## Connectivity That Cares

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