

EasyLink

Mobile communication solution - ERT



Moving away from ERT® technology to a future-proof Automatic Meter Reading (AMR) solution and Advanced Metering Infrastructure (AMI) is easier than you think. Ideal for gas, water, and electricity providers, EasyLink™ reads both ERTs and Sensus SmartPoint® Modules for an efficient conversion to the latest technology.

What is EasyLink?

With the power of the FlexNet® communication network, every utility can easily migrate to a more resilient and faster network for better results. And when you're ready to make the move to AMI, only EasyLink enables you to seamlessly transition at your pace.

FEATURES

- Supports manual reads and notes.
- Compatible with water, gas, and electricity meters.
- Reads Sensus SmartPoint modules and ERTs.
- Reads both bubble-up and legacy wake-up ERTs.
- Supports reads and valve state for Sonix IQ.
- Enables real-time data transfer and route updates.
- Supports electric demand meters and demand meter resets.
- Provides the ability to prioritize and distinguish between critical and non-critical alarms.

BENEFITS

- Improved route efficiency.
- Significantly better read rates.
- Reliable, robust, and timely data.
- No stranded assets.
- Easy installation.
- Faster and stronger network connections.
- Interoperable with existing billing and customer information systems (CIS).

EasyLink is the simple, cost-effective way to transition from ERT meter-reading technology to the FlexNet communication network. One EasyLink device reads both ERTs and Sensus SmartPoint modules at the same time. When the route is complete, simply upload readings over Wi-Fi or cellular networks to get real-time data transfer and route updates. EasyLink also allows you to combine application, mapping and route management, as well as optional Field Force Management integration.



FlexNet EasyLink Reader

Collect data in a drive-by application from either ERTs or Sensus SmartPoint modules with this portable radio-based device.



EasyLink Workbook application

Manage and operate drive-by readings for both Sensus SmartPoint modules and ERTs. When your route is complete, upload the readings back to your office.



EasyLink Workspace application

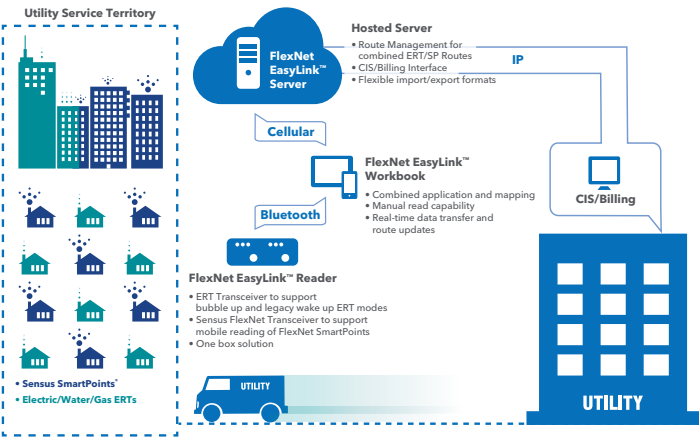
Manage the back-end of your AMR process with this application that covers everything from routes to billing reports. Supports flexible import/export formats such as .csv and MVRs.

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How EasyLink Works

With EasyLink, you can keep your existing assets while transitioning to the FlexNet AMI solution, ensuring the most efficient and cost-effective migration for your utility.



FlexNet and ERT Compatibility

The EasyLink Reader reads SmartPoint modules for water, gas, and electric radios along with ERTs. By combining these two technologies, the utility can utilize their existing ERTs while transitioning to FlexNet.

Operation

Simple and easy installation allows the EasyLink reader to operate, and data begins collecting automatically. Multiple read modes are available depending on the type of devices in operation. The EasyLink Reader is capable of capturing data in either bubble-up or legacy interrogation mode and also offers configurable alarms.

With a laptop, USB cable, and antennae, any vehicle can become a meter-reading machine.

System Reliability

The FlexNet communications network utilizes primary-use radio frequencies to communicate with SmartPoint modules. The combination of FCC-protected frequencies and a full two watts transmission power of the SmartPoint modules ensure reliable meter communication and longer range. In addition, the SmartPoint and ERT modules provide infrastructure detail by monitoring operating conditions and reporting meter tamper, continuous flow and low battery alarms.

Mapping and Data

FlexNet EasyLink WorkBook™ provides on-screen GPS mapping to accurately track both Sensus SmartPoint modules and ERTs in a drive-by environment. Set and view the most efficient routes while identifying manual or special readings for non-radio equipped meters and receive alerts (leak, high/low flow, low battery).

The FlexNet EasyLink WorkSpace™ application is a comprehensive software program that offers flexibility for managing AMR processes. The application increases operating efficiency, provides a variety of management reports and summaries, and reduces time for sending reading data to the billing software.

SPECIFICATIONS

Service	Radio-based mobile utility meter reading system
Physical Characteristics	EasyLink Reader in case 8"W x 12"D x 4"H (20.32 cm x 30.48 cm x 10.16 cm) (includes magnetic-mount antennas and hard shell carrying case)
Weight	18 lbs (8.16 kg)
Temperature	Operating: -4°F to +122°F (-20°C to +50°C) Storage: -40°F to +185°F (-40°C to 85°C)
Power	12-volt DC adapter through EasyLink Reader 7 watts
Frequency Range	FlexNet RX: 901-932Mhz FlexNet TX: 940-960Mhz ERT RX: 908-924Mhz ERT TX: 952-956Mhz
Receiver Sensitivity	Sensitivity depends on modulation and channel BW. For 7FSK in a 25Khz channel, sensitivity spec is -120dBm.
Memory	Non-volatile
Approvals	Licensed operation US:FCC CFR 47, Part 24D, Part 101C, Part 15: Canada: Industry Canada (IC) RSS-134, RSS-210
Software	EasyLink WorkBook Application and EasyLink WorkSpace Application

