FENIX

G4 AMI Endpoints

Clean Renewable Energy

Fenix's cellular endpoints harness solar power to increase system life expectancy. This increases the return on investment for the utility while lowering battery end-of-life issues and the footprint of recycling lithium batteries.

Cellular Benefits

Two-way, multi-carrier LTE-M cellular connectivity negates the need for the construction and maintenance of traditional RF networks. The utilization of a secure and redundant existing cellular network infrastructure automatically becomes an extension of the utility's resources.

Advanced Software

The software architecture allows seamless integration with existing systems during a system transition so the utility can achieve a single view of data. This feature is especially helpful during a multi-year project.

Meter Neutral Advantage

Meter Neutral endpoints offer the benefit of having multiple major meter brands (wired to any encoded output register) reporting into a single head end system. The FENIX solution fully accommodates retrofits and new installations.

Gas Endpoint Features

- Multi-Carrier LTE-M Cellular
- Industry Standard Class 1 / Div 2 Safety
- Solar and Battery Power
- Over-the-air Firmware
- 3X Transmissions Per Day
- Deployment Simplicity
- 120 Days Storage of Hourly Data
- Encrypted Data
- Remotely Configurable
- Over-the-air Firmware

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Technical Specifications

Communication Type	Two-way Multi-Carrier, Industry Standard LTE-M Cellular. 700MHz-1.9Ghz Licensed. Bluetooth 5.0 included standard on every endpoint
Power	3.6V Lithium Battery + HLC, Solar and SET Patented Power Management Platform
Environmental	-30° to 65° C / -22° to 150°F, IP65
Data Logging	Endpoints store up to 120 days of hourly meter reads
Transmissions	Default 3X per day during weekdays (with 1 Configurable), 1X on weekends
Installation	Wireless BLE 2.0 from any Android Device
Data Security	Endpoint data is encrypted during transmission using AES 256

Gas Meter Compatibility

X330G-EA (Elster/American Retrofittable) Aluminum Case

METER MODEL	PRODUCTION DATES
AL175	1958 – 1993
AT175	1967 – 1984
ALC175	1964 – 2001
AT210	1967 –
AL225	N / A
AL250	1957 – 1985
AR250	2000 – 2005
AC250	1961 –
AT250	1968 –
AM250	1985 –
AL310	1979 – 1985
AL350	1979 – 1985
AT350	1969 – 1999
AL425	1968 –
AC630	1997 –

X330G-SR (Sensus/Rockwell Retrofittable)

METER MODEL	PRODUCTION DATES
R175	1937 – 1979
R200	1977 – 1995
RT200	N / A
RT230	1977 – 2000
R275	1977 –
RT275	1977 – 2000
R315	1977 –
R250	1955 – 1979
310	1955 – 1979
S200	1980 –
175S	1956 – 1977
S120	1977 – 1980
T120	1977 – 1980
T110	1969 – 1977
S110	1969 – 1977
415	1953 –
RT100	N / A
RT360	1977 – 2000
MR8	1977 –
MR12	1953 –

All Endpoints comply with Part 15, Part 22, Part 24, and Part 27 of the FCC Rules. No license required by the utility to operate FENIX devices.

FOR MORE INFORMATION CONTACT:

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