

Commercial & Industrial RF Solution

The Landis+Gyr Gridstream™ RF Solution provides communication options for utility advanced metering programs for commercial and industrial applications.

The RF module for polyphase meters is designed to take advantage of advanced metrology and data values, while providing remote control of demand resets and TOU periods. The module seamlessly integrates into the meter and provides a direct read of the meter register to efficiently take advantage of advanced functionality. The endpoint transmits and receives data through a robust, peer-to-peer mesh network utilizing the 902 to 928 MHz unlicensed frequency. The digital endpoint prioritizes messages based on application. Command and control is provided through a user-friendly, browser-based interface for network and data management. Full two-way communication ensures commands can be sent to the endpoint to reconfigure settings or upgrade firmware, without disrupting flow of data coming from the meter.

In addition to kWh, kW, time-of-use and voltage readings, the RF endpoint reports load profile and up to 5-minute interval data for billing, engineering and customer service applications. The available endpoint in the E650 S4e platform also offers the ZigBee® transmitter for communication with in-premise devices.

Key Benefits

- Direct register reads for managing critical peaks, meter error alerts and diagnostics
- Access to multiple meter registers – up to 200 depending on meter platform
- Support for over the air programming
- Choice of meter platforms
- Available Home Area Network Interface in E650 S4e platform

Commercial & Industrial Endpoints

meter platforms

E650 S4e
kV2c
A3 Alpha

Transmit Frequency:
902 to 928 MHz

Output Power:
Up to 425mW

Home Area Network Protocol:
ZigBee Protocol

Landis+Gyr
manage energy better