



Gridstream® Connect Cellular Commercial & Industrial Meters

Plug-and-play cellular meters that are omni-carrier capable

Landis+Gyr's LTE-M cellular communication for the S4x meters provides Gridstream® Connect customers with another AMI option that is feature-rich and simple to deploy. The LTE-M cellular endpoint is preconfigured to self-register with Landis+Gyr's Command Center head-end. With the turnkey option, Landis+Gyr offers a 15-year contract for connectivity services. This includes omni-carrier capability that ensures that if one network fails, the meter will switch to another available carrier and continue transmitting.

Features

- Active and reactive energy and demand (TOU capable), including bi-directional measurement
- Integrates into all forms, classes, and voltages of the S4x meter platforms, including relay boards detection, logging, and reporting of diagnostic information for each meter
- Modem, module, ZigBee, and metrology firmware can be upgraded over the cellular network with no interruption of readings during upgrades
- Two sets of load profile data with configurable intervals (1, 5, 15, 30, and 60 minutes)
- Capable of supporting TOU without a battery
- Advanced Security available

Software Requirements

Deployment of an LTE-M cellular endpoint requires:

- Command Center version 7.4 or later, licensed with the Cellular Adapter
- 1132 Suite, version 5.13MR1

S4x Module Overview

The endpoint assembly contains:

- S4x meter
- LTE-M cellular communication module
- SIM card – Form 2FF, industrial-rated
- “Under-glass” wideband antenna for cellular radio
- Built-in antenna for ZigBee