

# Electricity metering modems for retrofit purposes from 2G to 4G



**We offer our retrofit 4G smart metering devices for 2G migration of Landis + Gyr® electricity meters**

The world of wireless communication, of M2M & IoT have known for years that the **obsolete GPRS (2G) networks should be migrated to the state-of-art 4G LTE network worldwide.**

Thus, the single most important challenge nowadays the IoT world is faced: **how to migrate the obsolete 2G/GPRS, 3G communication devices to the latest 4G LTE technology?**

**No need to worry though – WM SYSTEMS LLC is there for you!**

The upgrade of the currently used **2G/3G communication devices to the 4G-level** should be performed in **the near future.** Utility companies and energy providers dispose of a rather tight timeframe for this migration.

**Our wireless modules represent** a future-proof migration solution to the LTE network with **the same functionality, on higher data speed.**

For retrofit purposes, we offer our 4G devices with migration-platform modules with the same connection and meter manufacturer standards' compatibility and the usual outfit – **with 2G fallback compatibility** (if you still need to use it).

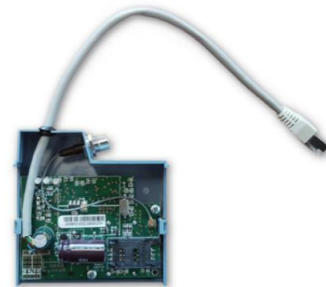
## BENEFITS

- **installed meters can be used without changing metrology**
- **easy installation, full compatibility**
- **4G with 2G fallback (backward compatibility with current systems)**
- **long-term solution: the 4G LTE will be used for 10 years or more!**

### WM-E2SL®

**for Landis+Gyr® E350 / E450 / E550 meters  
(ZxG3xx / ZxG4xx types)**

- RS232 compatible RJ45 connection
- It provides transparent data link to the HES centre (remote meter readout of meters)
- Snap-in modem, installable into the meter enclosure
- Design & connectivity satisfy L&G® standards
- Power supply from the metrology (DC power)
- „Pull” data sending (for HES request)



- Supercapacitor / IEC 62056-21 protocol
- Remote & safe firmware updates, config by SMS text, free configuration tool

### WM-E1SL®

**for Landis+Gyr® E350 / E450 meters  
(ZMD310 / ZMD410 types)**

- RS232 and RS485 (2 or 4-wire) connection
- It provides transparent data link to the HES centre (remote meter readout of meters)
- Meter data DL and configuration on the provider's request on pre-determined schedule / on-demand
- It can be installed under the terminal cover and fastened securely
- Design & connectivity satisfy L&G® standards



- Power supply from the metrology (AC power)
- Surge protection from 4kV up to 12kV
- „Push” data sending / IEC 62056-21 protocol
- Scheduled data sending / trigger by alarm
- Remote & safe firmware update

**More info:** <http://www.m2mserver.com/en/product/landis-gyr-electricity-metering-modems-for-retrofit-4g/>



**WM Systems LLC** 8 Villa str., Budapest H-1222 HUNGARY

Phone: +36 1 310 7075

Email: sales@wmsystems.hu

Web: www.wmsystems.hu