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

We offer our retrofit 4G smart metering devices for 2G migration of Itrón® 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 challange 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.**
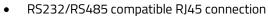
For retrofit purposes, we offer our 4G devices with migration-platform modules with the same connection and meter manufacturer standards' compatibility and the usual outfit – **with 2G fallback compatibility** (if you still need to use it).
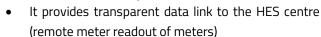
BENEFITS
- **installed meters can be used without changing metrology**
- **easy installation, full compatibility**
- **4G with 2G fallback (backward compatibility with current systems)**
- **long-term solution: the 4G LTE will be used for 10 years or more!**

WM-E2S®

for Itrón® ACE6000, ACE8000 and ACE SL7000 meters

- RS232/RS485 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 Itrón® standards
- Power supply from the metrology (DC power)
- „Pull" data sending (for HES request)

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

Industrial RS485 Modem®

universal external modem for Itrón® ACE6000 and SL7000 electricity meters

- RS485 (2 or 4-wire) connection / RS232 (optional)
- 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 and fastened by external (also has a C-Rail adapter option to fix/mount)
- Connectivity satisfy Itrón® standards

- AC power supply is required
- „Push" data sending / IEC 62056-21 protocol
- Scheduled data sending / trigger by alarm
- Remote & safe firmware update

More info: http://www.wmsystems.hu/en/category/products/smart-electricity-metering-modems/