

Application Story

Smart Energy & Utilities: Smart Meter Reading

Overview



Smart Meter Reading for meters and sub-meters for energy management in commercial & utility applications. So Automatic Monitoring Reading system (AMR) takes steps in reducing losses and waste through a remote management for monitoring electricity, oil, gas and water pipelines with adopting power efficient products and technology. And in many cases, it is difficult to store energy e.g. electricity, which must be generated to fulfill immediate demand. Predicting usage remains a key issue in an industry where downtime is unacceptable, which is made difficult by slow access to the remote meter reading.

Challenge

Key need is described below:

- **Lower Cost:** the power or utility company need to read all of the meters in a community every day, or more frequently as appropriate. It is not necessary to send a service person to visit every customer location once a month;
- **Great Communication:** Working as a two-way communication with each meter—with intelligent power meters and two-way communications, the power, company can manage their peak loads better and offer incentives for customers to shift their power usage to off-peak times;
- **Thief Detection and Prevention:** Theft of service detection and prevention—Meter tampering is detected instantly through the wireless network, making it much more difficult for someone to steal the service;
- **Intelligent building applications:** An area of overlap between intelligent buildings and the AMR system is customer information coupled with the variable rate structures. The AMR system can act as a specialized interface between the building and the outside world. Information regarding operations, prevailing rates, customer usage, etc., would be instrumental to intelligent building owners and operators.

Application Story

Smart City: Video Surveillance For Public Security

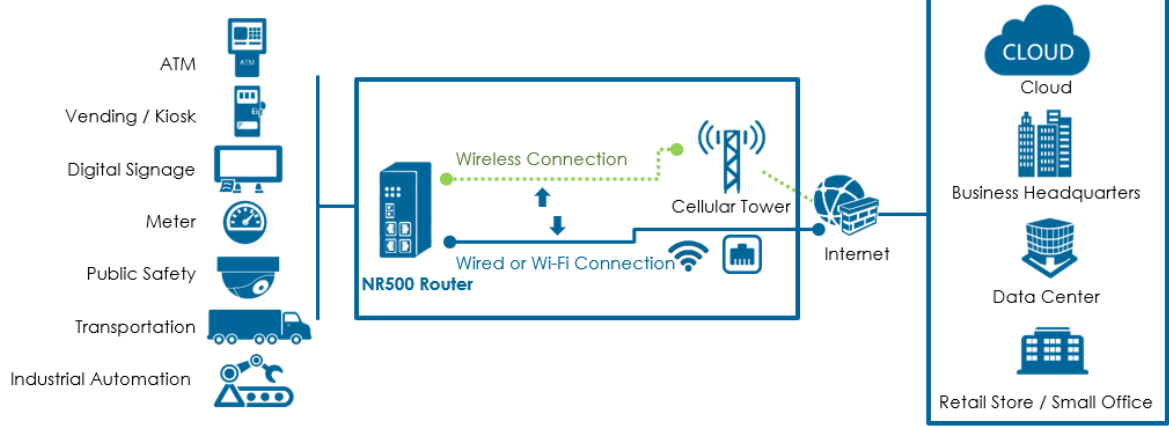
Solution



Navigateworx provides the best industrial networking solution for different environments. NR500 Series offer seamless LTE communication for the management center to collect and analyze statistical data including images, videos.

Key features are below:

- **Seamless Communication:** Dual SIM Backup and Link Failover from LTE / Ethernet / Wi-Fi;
- **High Security:** OpenVPN, IPsec, GRE, PPTP, L2TP, DMVPN;
- **Easy Monitoring:** Local Web & SNMP & CLI Configuration and 3rd party Central Management Platform.



About Company

NavigateWorx Technologies provides Products, Services, Solutions and Support to the emerging Machine-to-Machine Industry. Our goal is to assist in your efforts to bring Industrial Projects to life, implement Wireline & Wireless Technology Solutions in your Business to simply keep your Devices, Employees and Business connected.