



BluMeter

Smart Water Meter Solution:
Precision in Every Drop

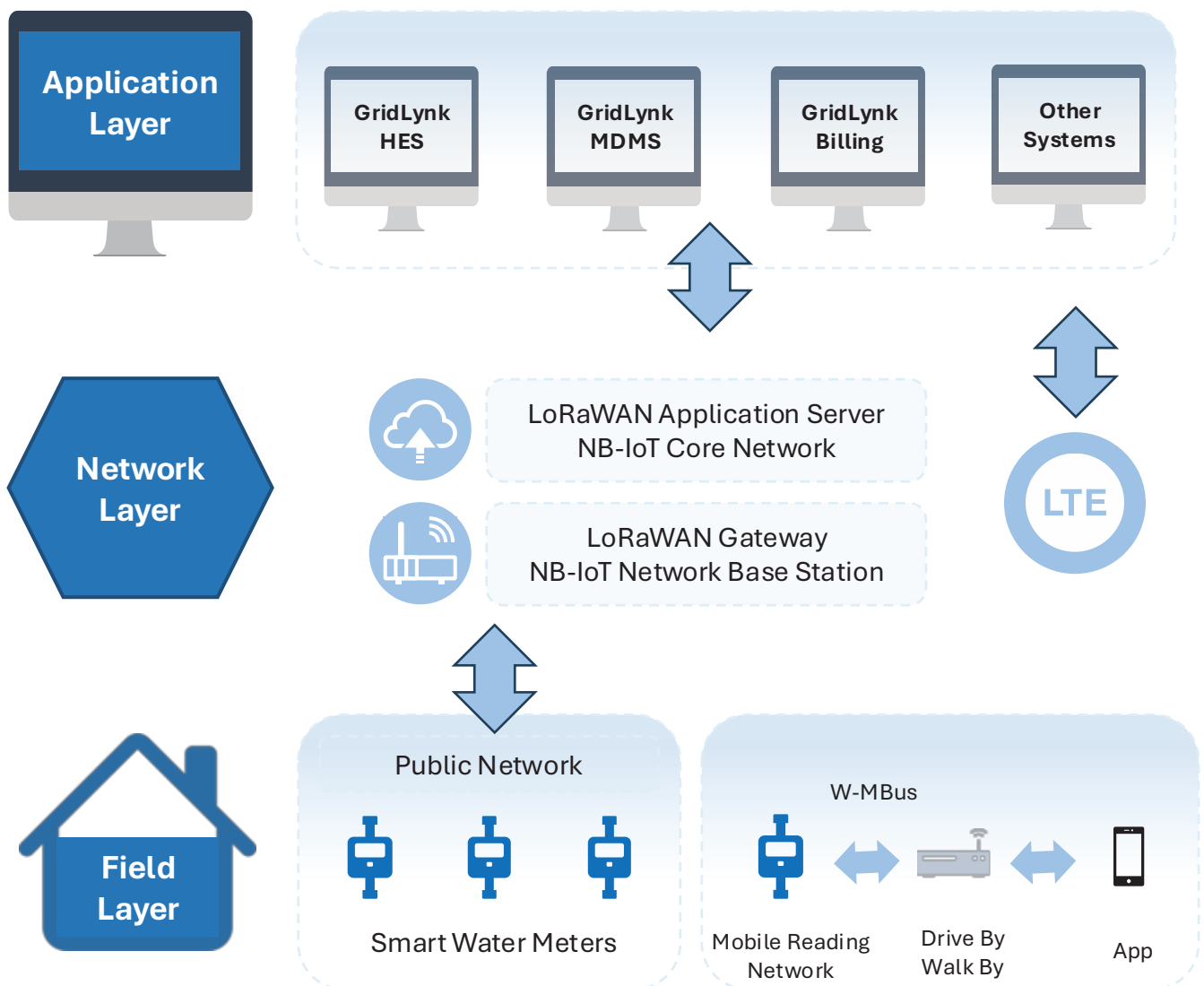


Company Introduction

EDMP is a pioneering firm based in UAE, specializing in comprehensive smart grid and smart metering solutions for utilities worldwide. With a commitment to innovation and excellence, we deliver tailored services encompassing smart metering, advanced meter infrastructure (AMI), prepayment and post and payment system solutions, billing, and customer relationship management (CRM) platforms.

Smart Water Metering Solution

Our **BluMeter** Smart Water Metering Solution is capable of transferring data cost-efficiently and singularly reliably base on existing public telecommunications network. The wireless walk by function in included for better integrity of data. High performance end to end solution together with the state-of-the-art GridLynk Ecosystem provides remarkable benefits to utilities and end users.



Features

- Reduce water supply costs to end customers by eliminating the need for manual meter reading.
- Increase effectiveness by automating the reconnect and disconnect process when customers move or have billing or tampering issues with built-in valves.
- No initial investment is required in terms of the communication infrastructure.
- The non-technical losses with tampering and leakage from the pipe can be reduced by statistics function provided by GridLynk software solution.
- Ensure continuous revenue by operating prepayment solution.
- Decrease service response time.

Benefits for End User

- Given the debt/cash flow management benefits of prepayment.
- Providing solution for move outs with the shut off valve, line maintenance or any time the need arises, to avoid additional charges.
- Detect leakage in consumer homes by accurately measuring and history records.
- Save time/cost by using selling points for payment with 3rd party E-wallets.

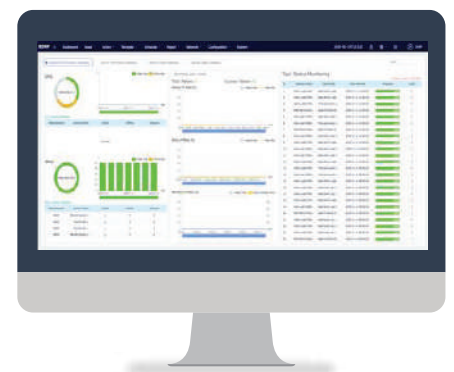
App Features

- Wireless water meters data access without disrupting end-users.
- Task management and visible process status.
- Water meter parameters setting and confirmation onsite.
- Visible location of meters in the online map.
- Task process statistics, fault labelling.
- Data automatic transcription.
- Data uploading.
- User authorization management and operation log.



HES Features

- Fully support the latest DLMS/COSEM protocol standard. Support two-way data communication with the water meter. Support meter data push receiving service, can receive data and alarm information pushed by water meters. At the same time, it can issue on demand reading can issue On Demand Reading active data reading commands.
- Support the import and integration of Walk by meter reading data.
- Support distributed and sealable configurations, adapting to the installation and expansion of meters of different quantities and scales.
- Provide interoperation with water meters which COSEM specifications from different manufacturers.



Benefits for Utility

- Reduce water supply costs to end customers by eliminating the need for meter reading.
- End-user purchase water credit before using water, healthy cash flow.
- No more arguing with end-user over water usage.
- Protects utility against vendor lock-in with STS. Any certified STS water meters, or vending system interoperability, regardless of who supplied the equipment.
- Reduced administration, no need to distribute account bills.
- Reduced risk to uncollected by utilities.

Benefits for End User

- Wireless UIU (User Interface Unit) locates in the consumer's home to take easy to check the situation and credit of water meter.
- Avoid excessive use and remains within budget.

Vending System Features

- Support prepaid electricity, water and gas meter comply with certified STS.
- Support Fixed tariff/ Step tariff/ TOU tariff mode for meter application.
- Covered function of vending, customer management, asset management.
- Use multidimensional analytical reports to analyze data and display results.
- Display table (grid) and graphical display are available.
- Web application in Point of Sales without any software installation work.
- The system uses CA certificate encryption and https access.
- STS 3DES encryption for charge Token.
- Operates on a Web application
- Different user groups can be configured with different operations
- STS6 approved and certified.
- Supports TMS series security module.
- Integrate with third party applications conforming IEC61970/61968, Web service XML.
- Supports up to 500k metering points.

STS PrePaid Water Metering Solution

Our prepaid BLUMETER water metering solution with standard transfer specification (IEC62055) is an easy-use and stable prepaid solution you can rely on. It is a great way to deal with the challenge of taking control of collecting bills and reducing non-revenue water. Using STS helps provide a secure message system for carrying credit/information between a point of-sale and a meter, therefore data security and interoperability are guaranteed. With GridLynk Vending System, the solution provides remarkable benefits to utilities and end users.

EDMP

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