



smart billing

pulse by solutions

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At pulse by solutions, we take pride in our ability to provide our valued clients with a wide range of practical and customized solutions through continuous innovation. we are excited to introduce pulse by solutions Smart Billing, the integrated Metering Data Management (MDM) and billing solution.

pulse by solutions Smart Billing gathers and consolidates data from a meter network, processing and rating it according to a preset billing configuration. Accordingly, the solution provides tenants with an accurate and holistic statement that details the resources consumed and services provided.

who can benefit from the solution?

To deal with growing data volumes and thrive in a dynamic industry, pulse by solutions Smart Billing offers flexibility and diversity to managers and operators in the following sectors:

- Shopping malls
- Commercial properties
- Administration buildings
- Residential compounds
- Independent power generators and non-utility producers

value proposition

pulse by solutions Smart Billing is an integrated solution for property management, which includes an all-in-one smart metering and billing platform. It allows operators to:

- Remotely gather data from smart meters
- Accurately measure tenants' consumption of resources
- Calculate charges for resources consumed
- Charge customers' credit for the prepayment option (without the use of cards)
- Warn operators about incidents of tampering and fraud

system components

pulse by solutions Smart Billing consists of:

desktop application

Core head-end application which performs the main functions of:

- Data acquisition
- Communication management
- Infrastructure management
- Device management
- Event management
- Data collection and visualization
- Prepayment and billing calculation

billing service

Windows service that undergoes the automatic collection of meter billing data at the beginning of each month, and permanently stores them in the application's database

load profile service

Windows service that enables the automatic retrieval of delta load profile results on a daily basis, and permanently stores them in the application's database

database

The application's own database that stores load profiles and billing data collected by the aforementioned functions

