AUS-iot SERVICES

Automated Utility Systems

AUS-*iot*

AUS-iot™ Technology

The Automated Utility System's AUS-iot Services software, is the platform that integrates all the components within the AUS-iot System, the components include:

- Utility Meters
- AUS-iot Monitors
- AUS-iot Gateways
- The internet
- Cloud computing
- AUS-iot Services software

When deployed the AUS-iot Services function as follows. The meter readings and the event data captured by the AUS-iot Monitor are transmitted via radio signal to the AUS-iot Gateways, the gateway then send the data on to the AUS-iot Services via the internet.

The data forms the basis for various management reports, E-Billing and notifications. The data is stored and maintained within cloud services thus ensuring data security and worldwide accessibility.

The AUS-iot Services software can be set to automatically distribute the tenants invoice as an E-Bill via e-mail. The billing data can also be imported directly into an accounting package as a .csv file or downloaded directly off the AUS-iot System.

As the system ensures several updates daily from each AUS-iot Monitor, near real-time response is possible to events such as burst pipes etc. Software analytics inspects the incoming data for anomalies.

Notifications

AUS-iot Services support a web based customer portal, allowing the customer to interrogate current and historic E-Bills, consumption patterns and notifications. The portal also allows the customer to log an issue with the AUS-iot Services.

Cloud Services

Cloud based AUS-iot Service provide:

- Business agility, latest functionality always available
- Improved data availability
- Low operational overheads
- Resiliency and redundancy

E - Billing

The E-Bills generated by the AUS-iot Services software allows for a wide variety of revenue services to be implemented. The E-Bills are not limited in anyway with respect to tariff structures, straight line, step and time of use tariffs can be implemented, as can fixed or auxiliary service fees. All relevant features and functions are supported, such as closing and opening of accounts in the event of ownership or tenancy change, etc.

The E-Bills allow for relevant directly targeted customer communication in the form of leak notifications, above average consumption and highlighting possible causes.

Your Needs Addressed

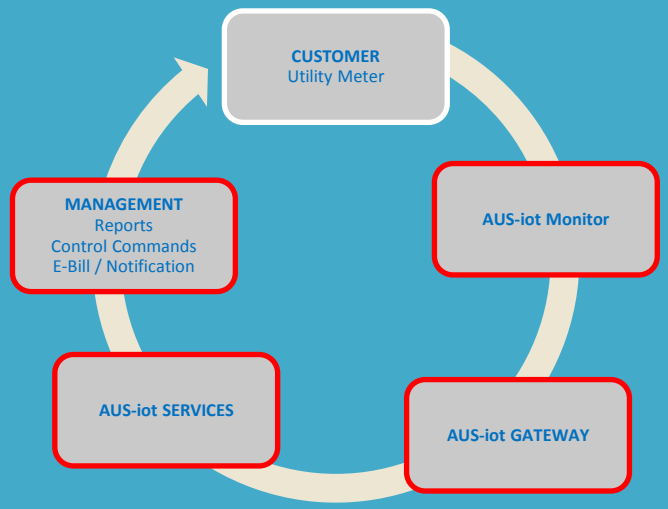
Automated Utility Systems provide a fully-fledged E-Billing system that is suited for application in high-rise, office and apartment building management. It is equally well suited for use in gated estates, as it is in rural and municipal utility management. AUS-iot products interface to a large number of standard utility meters and the AUS-iot Services provides the platform for the effective monitoring and control of these meters.

Management Reporting

A comprehensive suite of management tools is provided, including reports, control functions, database management, data analytics and E-billing. AUS-iot Services makes it easy to implement an effective revenue management system.

Examples of reports provided are:

- Individual and site wide daily consumption.
- Top & Bottom percentile supply points
- Customer details
- Leak / burst / tamper notification
- Data analytics



End-to-End Solution

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