



DataSense™ Consumption Management System

DataSense consumption management system is an integral part of the Miltel Communications' AMR/AMI solution. Meter data management (MDM) software platforms are the heart of any smart metering system. MDM systems are designed to capture, process and export data delivered by AMR/AMI systems. This data consists primarily of meter reading data and events. The meter readings are made available for utility billing systems. As AMR/AMI systems generate multiple reading per day, utilities are presented with the challenge of analyzing the vast quantities of data collected. **DataSense** takes MDMs one step further. It includes a suite of BI and big data management and analytics capabilities, providing water utilities with a tool for managing the utility consumption.

DataSense cloud-based consumption management system consolidates interval meter reading data from thousands to hundreds of thousands of meters, and transforms the data into concise consumption information. Data management inherent within the **DataSense** system allows retrieval of current and historical meter reading information, including granular interval meter reads, as well as daily consumption data. The system provides a quick response to customer inquiries, as well as a set of metering reports. Additional information including customer profile, meter replacement history, installation pictures, notification log and many other data are easily accessed by selecting a tab. Similarly, changing views and layouts is easily performed by **DataSense's** intuitive user interface. Interfaces are available for all major billing systems and the list of systems supported continues to grow.

Features

- Secure, cloud-hosted platform
- Web based, flexible user definable interface
- Wide range of exception and anomaly reports
- Real-time events and alarm notifications (SMS, e-mail)
- Customizable charts and graphs
- Non-Revenue Water (NRW) hierarchal analysis tools
- Consumer data import from 3rd party software
- Flexible data export features (TXT, CSV, HTML)
- API interface with legacy IT systems (CRM, GIS, etc.)
- Reports linked to Google Maps and Google Street View™
- Pictures of meter installation and meter location
- Dynamic set of administration tools
- Supports multi-lingual menus and user interface
- Scalable database, supports any size of AMR/AMI project

