Oracle Utilities Analytics for Meter Data Management

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UTILITIES

With exponential growth in volumes and sources of data, utilities have an ever-expanding opportunity to derive value from that data to support data-driven decisions across the business. Oracle Utilities Analytics (OUA) for Meter Data Management empowers utilities to take full advantage of the data around them and turn it into a valuable business resource. With OUA, utilities leverage pre-built dashboards to improve metering performance and analyze consumption trends.

A Powerful Analytics Solution

Oracle Utilities Analytics (OUA) is a family of solutions that deliver utility-focused analytics on a world-class technology platform to provide real-time, actionable insight.

Oracle Utilities Analytics for Meter Data Management helps utilities extract and use the information buried in meter data. Its pre-built dashboards and KPIs drive business intelligence into all parts of the utility by helping staff and executives:

- Analyze consumption trends.
- Monitor meter asset performance and make better buying decisions.
- Compare the performance of metering service providers and correct problems.
- Identify and target customer segments for personalized communication
- Decrease losses from unbilled energy.
- Make more effective maintenance decisions that help avoid catastrophic grid failures.

Dashboards

The eight pre-built dashboards in Oracle Utilities Analytics for Meter Data Management provide 69 answers needed to improve metering business processes.

Overview	Performance	Usage Summary	Usage Details
• *Executive Dashboard*	• *Quality* • *Quality Analysis* • *Timeliness* • *On-Time Analysis* • *Estimation*	• *Usage Views* • *Usage Analysis* • *Top N Analysis* • *Unreported Usage Details*	• *Usage Trend* • *Degree Days* • *Usage by Day* • *Usage by Hour* • *Usage Comparison*
Devices/Installations	**VEE Exceptions**	**Device Activities**	**Device Events**
• *Device Status* • *Installation Trend* • *Devices Without Measurements* • *Devices Without Measurements Details*	• *Exception Trend* • *Exception Analysis* • *Exception Analysis Detail*	• *Activity Trend* • *Activity Analysis* • *Activity Analysis Detail* • *Activity Duration*	• *Event Trend* • *Event Analysis* • *Event Analysis Detail* • *Event and Exception Correlation*

KEY FEATURES

- Displays customer and revenue details as charts, trend lines, maps, and other graphics
- Uses Oracle Business Intelligence Enterprise Edition (OBIEE), the industry- leading platform that offers pre-built and ad hoc analytics, advanced reporting and publishing, and the ability to invoke business processes
- Drill-downs by period (year, quarter, and month) into current and past performance
- Decision support for customer service and billing managers
- Supports very large data volumes
- Easy configuration, extension, and upgrade
- Integrated spatial views

KEY BENEFITS

- Improves customer support by revealing trends in customer issues
- Speeds call handling, as managers can better anticipate periods of high volume and optimize call center staffing
- Provides quick assessments of customer and revenue trends
- Improves the quality of customer and billing decisions
- Reduces cost and risk of implementations and upgrades

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Oracle Utilities Analytics Foundation

The pre-built analytics rest on a comprehensive enterprise platform, Oracle Business Intelligence Enterprise Edition (OBIEE). With this robust toolset, organizations can readily produce additional performance management tools like scorecards, standard reports, and ad hoc analyses. Analytics can also be delivered on mobile devices.
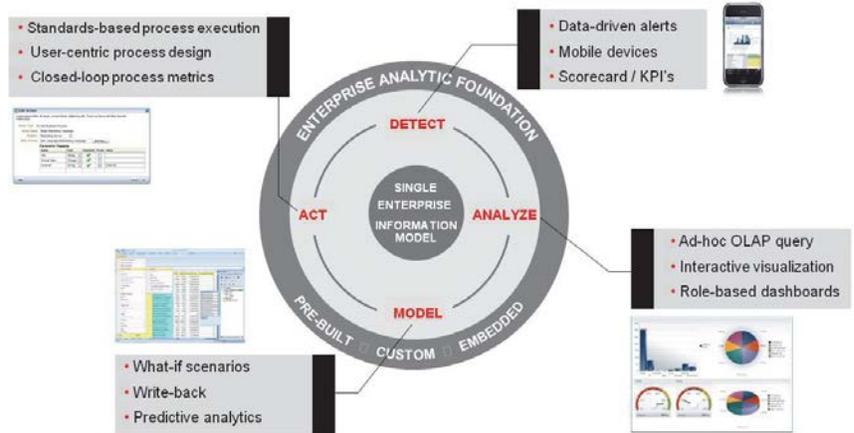

Figure 1: The Oracle Business Intelligence platform provides a complete toolset for driving business intelligence across meter and device management processes.

Business Processes

Used together, Oracle Utilities Meter Data Management's eight analytics dashboards and 69 graphic displays enable utilities to analyze and improve an almost limitless array of business processes and metrics. Below are a few examples:

Tamper Event Monitoring

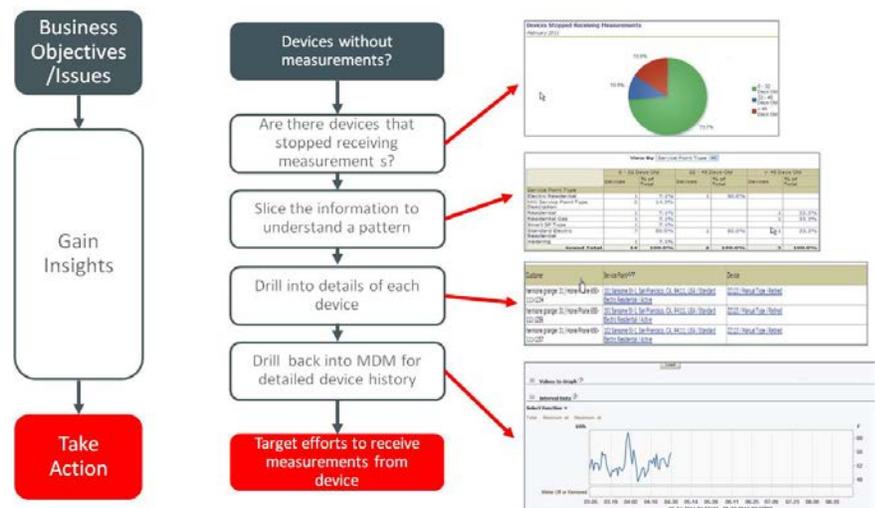Protect revenue by identifying tamper events that need investigation and correction.

Figure 2: In this example, Oracle Utilities Analytics for Meter Data Management helps utilities identify non-functioning meters, determine whether the meters have common factors (location, manufacturer, etc.), and then target repairs.
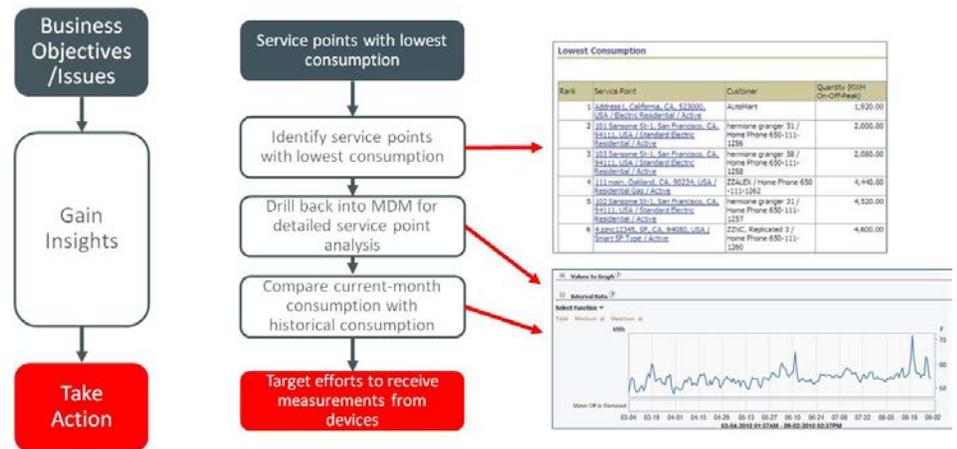
Track Low-Usage Customers

Figure 3: In this example, the Consumption dashboard helps protect revenue by identifying service points with low consumption, then drilling back into Oracle Utilities Meter Data Management to compare current and historical consumption.

Results

Oracle Utilities Analytics for Meter Data Management provides fast, easy ways to answer questions about consumption, load, and the performance of assets and service providers. It turns data into information that helps you extend asset life, choose the right service providers, and ensure the accuracy of customer bills.

CONTACT US
For more information about Oracle Utilities Analytics for Meter Data Management, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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