ORACLE BUSINESS INTELLIGENCE FOR UTILITIES
A Growing Family Of Out-Of-The-Box Decision-Support Products

Smart Meters expand consumption data by a thousand percent or more. They batter your systems with unprecedented amounts of voltage and interruption information. Simultaneously, a new generation of grid nodes and sensors detects and reports every system anomaly while adding to your already overburdened asset inventory. Meanwhile, production systems are churning out reams of new financial, customer, and staffing information.

Somewhere in this data deluge lies the path to a more efficient tomorrow. Oracle Business Intelligence for Utilities can help you find it.

Tame the Data
Oracle Business Intelligence for Utilities (OBIU) helps you access, organize, and use the data you need to monitor activity, make decisions, and meet goals.

OBIU pulls relevant data from Oracle Utilities production applications using pre-built extractors or aggregations within the transactional database. Business Intelligence (BI) tools then transform the data into information and move it to graphical and spatial dashboards.

Delivering Solutions
Oracle delivers OBIU as separate, prebuilt components:

- Extractors and schema to pull data from specific Oracle Utilities production applications and format it for business intelligence purposes. A few pull data directly from the transactional database, leveraging aggregations pre-built into Oracle Utilities production application.
- Spatial dashboards display information on maps.
- Graphical dashboards analyze and summarize information in charts, traffic lights, top 10 lists, alerts, and similar tools. Drill-downs and filters help users focus on essential issues.

A Powerful Architecture
The OBIU components above are built on the industry-leading Oracle Business Intelligence—either the Enterprise (OBIEE) or Standard (OBISE) Edition.
Oracle Business Intelligence brings along with it the power of an enterprise solution with integrated strategy management, guided and ad hoc analytics, advanced reporting and publishing, and the ability to act on insight by initiates business processes from within the BI environment.

Pre-Built Means Lower Cost, Faster Delivery

Yesterday’s business intelligence projects took years to complete and disrupted entire departments for extended periods.

No longer.

Oracle has solved the issues BI experts previously spent months investigating, reworking, testing, and implementing.

All OBIU components arrive ready to produce business intelligence right out of the box. Just enter a few service keys, and users start to reap the rewards immediately.

Mash-Ups and Near-Real-Time Analytics

OBIU delivers decision support using tools like maps, charts, and mash-ups—graphics that make it easy to absorb complex data and to grasp relationships.

OBIU also offers a choice of ways to examine data by using two different types of pre-built dashboards:

- Spatial dashboards, which use maps to provide location-based analyses of events and issues. Maps foster rapid understanding of the dimensions of events or issues. They may also reveal unexpected connections between seemingly unrelated events or between events and their locations. And data filters plus zooming and panning foster focus on the details behind critical events.

Underpinning OBIU spatial dashboards are mash-up tools that permit simultaneous display of information from multiple applications and even outside services like real-time weather data. Mash-ups add depth and breadth to the issue under examination, offering new insights that speed problem resolution.

- Graphical dashboards that use charts, alerts, trendlines, traffic lights, and similar tools to summarize complex utility issues and measure current and past performance against goals. Drill-downs and filters let you examine the details behind data anomalies and trends.
With OBIU, you can rapidly measure current and historic performance against key performance indicators. You can drill down to discover the hidden causes of trouble. You can solve problems before they escalate.

OBIU helps you communicate easily with all utility stakeholders. You can use its visuals to update customers and first responders on situations like outage restoration. You can replay events to aid in training or to show external stakeholders the results of capital investments. You can summarize trends and use them to project future issues during discussions with regulators.

The Oracle Difference

Behind OBIU:

- **Oracle Business Intelligence (OBI)**—the industry-leading business intelligence platform that turns data extracts from every application into multiple channels of information delivery. With OBI, you easily organize data into enterprise reports, responses to ad hoc queries, in-depth analyses, financial reports, and proactive notifications and alerts. OBI offers access from within Microsoft Office tools, BI desktop gadgets, connected and disconnected dashboards, real-time predictive analytics, and more.

  Oracle Business Intelligence gives users consistent, relevant, and timely information when they most need it. And by eliminating the proliferation of disparate BI tools and applications across the enterprise, it reduces cost and complexity.

- **Oracle integration.** It solves interoperability challenges while providing security, auditability, and unprecedented data processing speeds.

- **Oracle’s financial strength, global service support, and commitment** to the complete, open hardware and software utility solutions that help you exceed your most ambitious goals.

Contact Us

For more information about Oracle Business Intelligence for Utilities, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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