

ORACLE UTILITIES OUTAGE ANALYTICS

KEY FEATURES

- Displays outage details as charts, trend lines, and other graphics, right out of the box
- Uses Oracle Business Intelligence, the industry-leading, comprehensive, enterprise platform that features guided and ad hoc analytics, advanced reporting and publishing, and the ability to invoke business processes
- Provides near-real-time updates during outages
- Permits historical outage analysis
- Monitor key IEEE indices trend across time, geography, network and organization
- Provides decision support for executives and staff during outages
- Incorporates industry best practices and standard reliability measurements
- Supports very large data volumes
- Features easy configuration, extension, and upgrade
- Available on selected mobile platforms

KEY BENEFITS

- Speeds and improves the quality of executive-level outage decisions
- Improves communications with first responders, public officials, media, customers, and regulators during and after the crisis
- Slashes time and cost of business intelligence implementations and upgrades
- Minimizes training time

Oracle Utilities Outage Analytics provides pre-built dashboards with graphics that offer fast, easy insight into current and past outages. It helps executives understand the effects outages have on customers and on utility operations. It helps communications teams convey near real time information to first responders, customers, and the media. Historical outage analyses and comparisons, help utilities spot trends, prioritize changes, and focus efforts on meeting and exceeding reliability goals.

Out of the Box Value

Reliability is a watchword for today's utility.

During an outage, Oracle Utilities Network Management System equips Storm Center engineers and dispatchers with the tools they need to manage complex, evolving, and often life-threatening situations.

But teams outside the Storm Center also play important outage-management roles involving resource allocation and communications with external audiences. They need decision-support tools that provide summary information and permit them to drill down into details.

Oracle Utilities Outage Analytics fills the gap between the Storm Center and the executive suite. Its graphical dashboards—usable right out of the box—spotlight trends, compare statistics in an ongoing outage to historic norms, permit drill-downs into outage details, and help executives monitor reliability statistics. Built on the industry-leading Oracle Business Intelligence platform, Oracle Utilities Outage Analytics can also handle data from multiple sources to facilitate an enterprise approach to outage and restoration.

Dashboards

Oracle Utilities Outage Analytics dashboards include:

Overview Dashboard

Provides a quick overview of the current outage situation. Users are able to view spatial distribution of current outages and quickly drilldown to events that are of specific interest.

Outage managers are able to answer key questions like:

- Where are the current outages?
- How many customers are impacted?
- Who are the key/critical customers impacted?
- Where are the crew deployed?
- What is the expected restoration time for an event?

Current Outages Dashboard

Provides additional detailed analysis of current outage events, status of jobs, crew status, and customer calls, including critical wire down events.

Reliability Dashboard

Helps utilities monitor and spot trends in performance against IEEE indices. Users can monitor reliability indices across their service area and drill down to see how performance has varied across city, control zones, Region and other segmentation entities.

Historical Outage Dashboard

Provides a window into past events. Users are able to view event summaries by year, view detailed trend analysis of outages across Device Types, Outage Causes and trend in the variation between estimated and actual restoration times and how outage management teams have performed with respect to different stages of outage events.

Using Oracle Utilities Outage Analytics**Requirements**

To use Oracle Utilities Outage Analytics, customers need the following additional products:

- Oracle Utilities Network Management System v1.9 or higher.
- Oracle Utilities Network Management System – Extractors and Schema.
- Oracle Business Intelligence Enterprise Edition 11g.

Benefits

With most business intelligence tools, experts require two to four weeks to build and test each dashboard. Oracle Utilities Outage Analytics dashboards, in contrast, arrive pre-built.

Oracle Utilities Outage Analytics provides dashboards that are suitable for various users including executives, Outage Management team, Customer Service team, Media Relations team, and consumers.

The Oracle Utilities Outage Analytics support ad-hoc reporting needs. Users can create ad-hoc reports using the built-in Analysis Editor to “drag and drop” report columns to create Pivot Tables, charts, maps and similar familiar displays.

Intuitive, familiar graphics and tools reduce training and ramp-up time.

Built-in security features through Oracle Weblogic and LDAP. Apply access controls at various levels and propagate restrictions across users through appropriate Groups and Roles

Once in place, Oracle Utilities Outage Analytics improves the speed and accuracy of decision-making resulting in:

- Better executive decisions on resource deployment both before and after outages.
- Accurate and timely internal and external communication during outages
- In-depth assessment of current and past outage performance.
- Clearer communication with the regulators regarding reliability and asset requirements.
- Reduced training and ramp-up time.

Contact Us

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



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Hardware and Software, Engineered to Work Together