ORACLE

Network Management for Gas & Water Utilities

Manage and automate incident detection and response for improved efficiency and safety for crews, customers and the general public.

Oracle Utilities Network Management System provides comprehensive operations and incident management – from planning and modeling through execution and analysis – for all types of utilities, including water and gas.

Real-time distribution operations and automation

Improve system efficiency with real-time monitoring and control with pre-built adapters for SCADA, cellular and IP-based device communications. Using Oracle Utilities NMS, operators can initiate, monitor and record control actions electronically in full production mode or in study mode for planning purposes.

Faster incident management and restoration

Isolate breaks to improve emergency response:

- Speed leak detection in main segments, including loops, branches, and dead ends, via improved network modeling
- Use automated switching to quickly isolate pipeline leaks and bursts in high value networks with built-in redundancy
- Understand operation impacts using "study mode" to examine concurrent scenarios
- Extend asset reliability and longevity with optimization suggestions
- Eliminate pressure issues during restoration

Reduced downtime from planned outages

Improve distribution operations and crew performance for planned and unplanned shutdowns:

- Streamline preplanning of large distribution valve operations sequences in study environments and real-time models.
- For planned maintenance shutdowns, determine impacted customers and fire hydrants to allow proactive notifications
- Boost crew performance via step-by-step instructions for opening, closing, and tagging devices.
- Model the network in real time to assess contingency and land-use plans to account for breaks and emergency services.

Key features

- Planned and emergency incident management
- Private study mode for scenario analysis and system planning
- Templates for common actions
- Network model representation
- Valve plan visualization
- Web call entry and call grouping
- Asset filtering
- Safety tagging
- Tagging lockout

Key benefits

- Reduce time spent determining which assets to operate during planned & unplanned shutdowns
- Quickly pinpoint affected segments and assets
- Reduce leakage and network performance issues via automation
- Identify and execute optimized device control via modeling
- Ensure best practices for safety

ORACLE
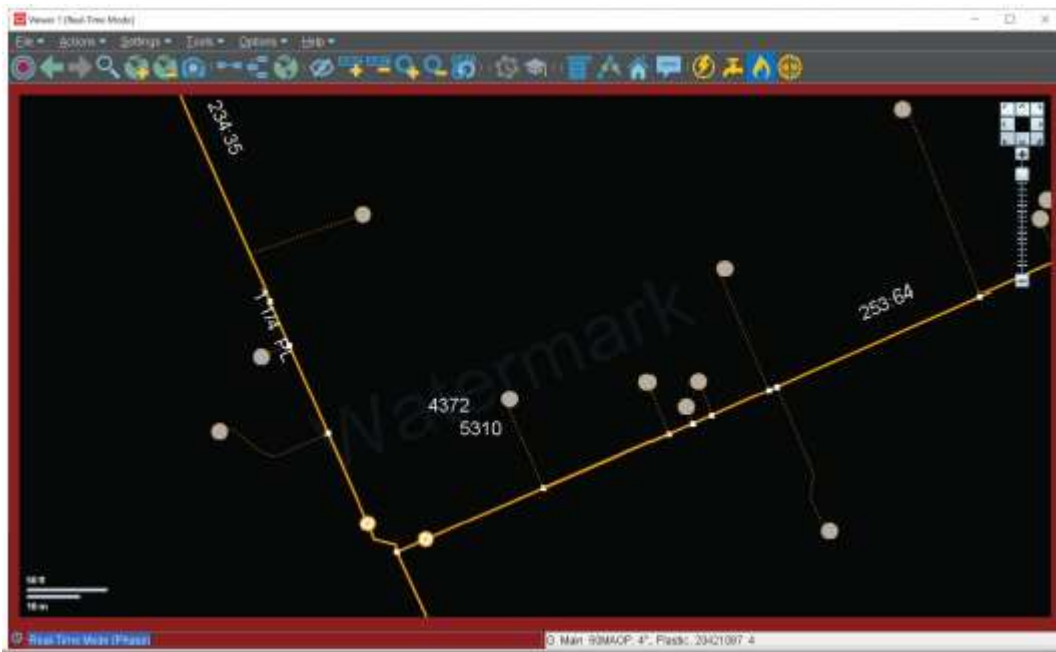
Improved field and public safety

Ensure best practices for safety:

- Ensure crews interact with equipment in the most safe and secure manner
- Eliminate paper forms and finger tracing of the network, significantly reducing valve operation errors and improving safety
- Capture best practices and catalog process for future use
- Provide situational awareness to field technicians with the optional Operations Mobile Application, which displays the changed state of the network in real-time

More efficient customer call handling and communications

With pre-built customer information and meter data management system integrations, operators can quickly group call center service requests for major and minor incidents including odor calls and pressure anomalies, making incidents visible to customers via incident maps and reducing inbound customer service call volumes.

Connect with us

Call +**1.800.ORACLE1** or visit **oracle.com**. Outside North America, find your local office at: **oracle.com/contact**.

B blogs.oracle.com	f facebook.com/oracle	twitter.com/oracle

ORACLE