

Trimble Adds to Unity Smart Water Management Software



Trimble has announced the latest version of its smart water management software—Trimble Unity 3.8. Trimble Unity is a cloud-based, GIS-centric Software-as-a-Service (SaaS) solution that offers a suite of applications and tools for the water, wastewater, storm water and environmental water industry.

Trimble Unity enables customers to monitor real-time operations, deploy smart meters, assess the condition of assets, reduce leakage and non-revenue water (NRW), and locate and map critical infrastructure using Trimble high-accuracy GNSS mapping technologies. Version 3.8 extends the platform's capabilities to include proactive asset performance monitoring with the integration of Trimble Telog wireless Internet of Things (IoT) remote monitoring instruments and data.

A significant benefit of the update is the ability to pair it with Trimble Telog wireless, battery-powered remote monitoring instruments. Used together, Trimble Unity with Trimble Telog instruments offers a comprehensive suite of water, wastewater and storm water asset performance management solutions that include monitoring and management of water level, flow, pressure, water hammer, rainfall, water quality, pump stations and many others items and parameters on remote water and wastewater networks.

This new version provides customers with situational awareness of water and wastewater utility asset performance—offering a single view of remote monitoring data, performance measurement reports, GIS, operational data, asset conditions and events. Trimble Unity's mobile application can be used to automate and simplify wireless monitoring instrument site deployments. Telog wireless remote monitoring instruments may be configured to measure and report data and alarms as often as needed. The new version includes rich GIS visualization tools to view and analyze wireless remote monitoring data for a single site or aggregated data from multiple sites. These new capabilities enable water utilities to enhance asset performance and customer response as well as collect timely data from the field to support decision making and regulatory compliance.

Customers can leverage Trimble Unity's configurable web and mobile work management, analysis and data collection workflows for responding to alarms or events, assessing the condition of the utility network assets and collecting authoritative asset data in the field. Trimble Unity allows customers to integrate the solution with their existing back office customer service and asset management systems and provides a single GIS-centric field solution across an entire workforce. Trimble Unity leverages Esri ArcGIS technology to provide support for Esri GIS mapping in the office and field. Trimble Unity is available on iOS, Windows and Android smartphones and tablets as well as on Trimble rugged, high-accuracy mobile mapping devices.

"Utilities are looking for ways to proactively manage their networks but are faced with challenges around the lack of data on distribution and collection network performance and asset condition," said Rami Naber, product manager for Trimble Water. "Trimble Telog wireless remote monitoring instruments are used by over 3,000 customers throughout North America and now Trimble Unity 3.8 can collect authoritative data from these instruments. The power of this combined solution is that it provides customers with situational awareness of network operations, empowering users with advanced workflows and tools to measure and improve network performance so they can shift to a proactive smart water management operating model."

Trimble Unity Version 3.8 is available now through the Trimble Water Division and its authorized distribution partners. For additional information on Trimble Unity, visit: <https://www.trimblewater.com/trimble-unity>.