

Trimble Unity

REMOTE MONITORING FOR TELOG ENTERPRISE



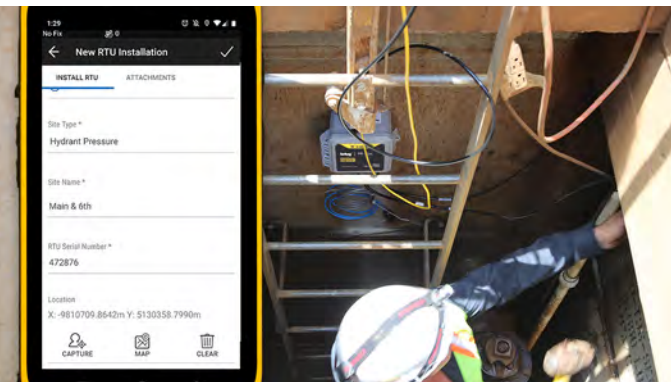
Get insights faster

Extending Telog Enterprise with Trimble Unity increases data analysis productivity and visibility into asset performance, through enhanced GIS based web and mobile software

Highlights

- ▶ Improve productivity when analyzing telemetry data & alarming conditions
- ▶ Improve visibility into system health & performance
- ▶ Improve field productivity when responding to events & site maintenance assignments
- ▶ Reduce IT maintenance costs. Runs on-premise behind the firewall or on the cloud

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Cloud and mobile GIS powered by  **esri**

KEY FEATURES

Proactive Monitoring and Alarming

Quickly analyze and identify operational anomalies and alarming conditions that could result in infrastructure failure, environmental damage and regulatory penalties

Mobile Application for Empowering Field Crews

Extend real-time monitoring data to field crews using the Trimble Unity GIS based mobile software supported on iPhones, iPads and Android devices, providing mobile workers and field technicians with the tools and data they need to quickly and efficiently analyze and respond to network events

Improved Data Editing

Quickly fill data gaps, analyze and edit data discrepancies. Ensuring data reliability for reporting, modeling and regulatory compliance

RTU Configuration and Management

Use the Trimble Unity RTU Installer workflow to manage the installation of RTUs on new sites, and relocation of RTUs from one site to another. Configure RTUs to automatically get data as often as you want and when you want with configurable data transfer intervals, and in response to configured alarms

GIS and Web-based Remote Monitoring

Providing GIS and web based visualization, reporting and analysis tools and workflows, for viewing and managing remote monitoring sites, telemetry reports and analyzing measurements collected via the Telog RTUs

System Health Dashboard

A remote monitoring system health dashboard and analytics to provide management and operations staff with real-time insight into the availability and performance of the remote monitoring network and assets

Insights to Asset Condition

Identify assets that are in poor condition, or ones that are likely to fail, through correlating telemetry data over a period of time with historic events and alarms, asset age and operational records. Then incorporate this information into network inspection and rehabilitation plans

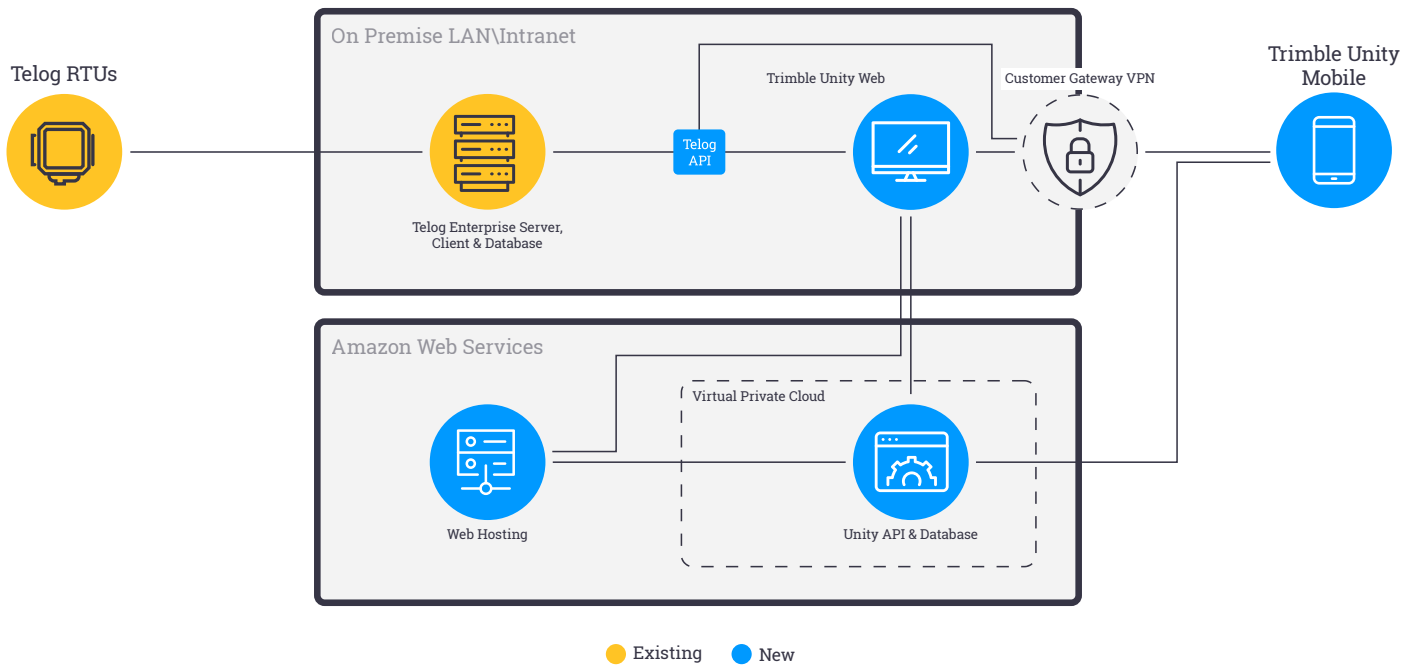
Mobile Work Management

Extend the use of the software by leveraging the full capabilities of the optional Trimble Unity Work Management product, offering GIS-centric field and office work management and dispatching capabilities to streamline field service operations, reduce event response times and gather authoritative field data for reporting and regulatory compliance

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SYSTEM ARCHITECTURE

- ▶ Telog Enterprise remains on premises and data not replicated to cloud.
- ▶ Unity web app connects directly to on-premises Telog data behind the firewall. Access to data from outside the intranet will require customer gateway/VPN
- ▶ Mobile apps connect directly to on-premises Telog data via customer Gateway/VPN.
- ▶ Unity web app downloaded from cloud but runs locally in web browser.
- ▶ Work Order and app configuration data stored in Unity cloud.
- ▶ All cloud data encrypted at rest and in transit.
- ▶ Cloud systems secured in Virtual Private Cloud (VPC).



SYSTEM REQUIREMENTS

- 1 Requires Telog Enterprise software update to latest version 6.6+
- 2 Telog API requires MS Internet Information Server (IIS)
- 3 Customers using Telog Web Module can reuse existing IIS
- 4 Users on Unity Mobile or remote Web users require HTTPS access to Telog API
- 5 IIS typically installed on DMZ when users require access outside of customer network

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