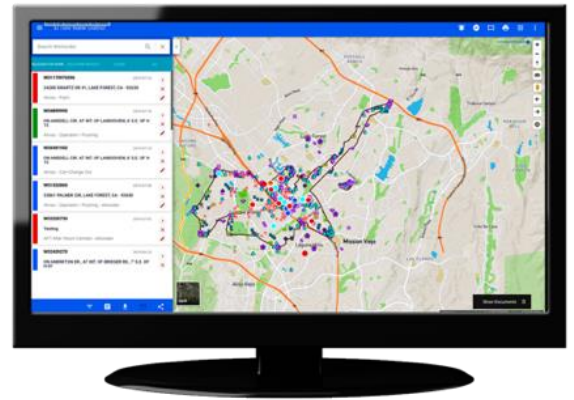# GEOVIEWER ONLINE

GeoViewer's GIS based Real-Time Operations Management system is built to unify traditionally silo-based systems, eliminating the need to manage several systems for CMMS, billing management, inventory, fleet, and maintenance. GeoViewer's SaaS based system also provides rich real-time asset management tools and powerful Business Intelligence & Reporting.
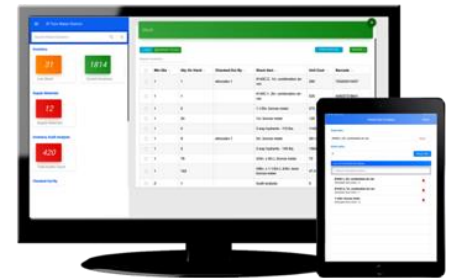
GEOVIEWER MOBILE

Made to be simple to use, GeoViewer Mobile allows field staff to receive, complete, view work, plus collect data in real-time or offline, without ever having to worry about losing work. Capture cost, location, notes, corrections, photos/videos, and access historical information easily right at your fingertips.

GEOVIEWER MODULES

INVENTORY MANAGEMENT

GeoViewer's Inventory Module allows for real-time inventory management either in the back office or field. Manage inventory levels, and automatically sends notification when stock is low. Re-order stock, account for aging inventory, and scan in/out inventory by simply using a barcode.
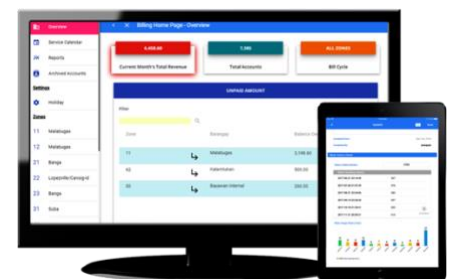
FLEET MANAGEMENT

GeoViewer's Fleet module allows managers to track, view, and manage field crews as they complete work. Track vital vehicle statistics, as well as track worker behavior with avg. MPG, Speed, idle time, idle on/off, and more.   Calculate fuel costs, asset lifecycle, schedule and track parts for maintenance management.

BILLING MANAGEMENT

GeoViewer's Billing module allows organizations to manage full billing through one, easy to understand system. Customers submit payments using the public website, set up staggered payments, auto generate sums and penalties and automatically create and complete new service or disconnection requests from the field.

BUSINESS INTELLIGENCE REPORTING

GeoViewer provides rich, custom Business Intelligence analysis and reporting tools that incorporate operational results, while integrating GIS mapping into the results. See costs, activity, results, and trends. See areas of high concentration and break down costs to receive more granular statistics. GeoViewer's custom reporting allows you create your required and desired reports.

IoT REAL-TIME PIPELINE MONITORING

Nobel Systems IoT solutions allow you to send information from the pipe directly to GeoViewer using a connected IoT device. The device monitors pipe pressure, water quality flow, and many other measurements likes chlorine. The text/e-mail/phone when pressure changes occur.

PREDICTIVE MAINTENANCE MODELING

GeoViewer's Predictive Modeling solutions utilizes many results driven variables, pipe information, GIS, and others combined with AI and Machine Learning to produce a highly accurate scoring system for pipeline failure.

CITIZEN/PUBLIC ENGAGEMENT

GeoViewer Citizen's app-based system allows citizens to report issues like potholes, leaks, sheared hydrants, graffiti, and other problems. GeoViewer takes the request, automatically creates a work order, and sends it to management for assignment and scheduling.
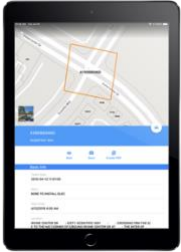
GeoViewer Public Online enables local government and utility agencies to interact & communicate with the public. The app based and online based solution allows instant service requests creation in an interactive map-based system. Now it's possible to not only combine map-based service requests, but GeoViewer will also automatically route the request to the correct department or person.

LEGACY SYSTEM INTEGRATION

We understand that often times organizations have systems that are not financially prudent to replace. As a result, GeoViewer has been developed to allow for integration to systems like Infor, Maximo, Tyler, CUSI, Azuga, and more.

Inventory   IoT

Real-Time   CMMS

Field Operations
Management

GIS   Billing

GEOVIEWER FUNCTIONAL MODULES

DIGMARK
Automatically manages the DigAlert Process. Receive the ticket from your USA DigAlert provider. DigMark extracts and synchronizes information from the ticket, so it can be queried and viewed by the field user within the mobile device.

SEWER LINE CLEANING
Allows sewer crew to view all line cleanings scheduled for the day while providing a map to show lines to the field crews. Lines are color coded based on whether the line needs cleaned or not. CCTV can be integrated and functions like root cutting can be scheduled right from the field.
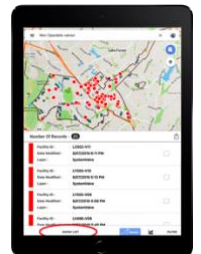

VALVE EXERCISING
Allows sending of information directly from a valve exercising machine directly into GeoViewer Mobile using Bluetooth technology. This instantly extracts the Turns, Torque and Direction while the machine is exercising the valve. The valve information is automatically populated into the GIS data and synchronized with GeoViewer Online.
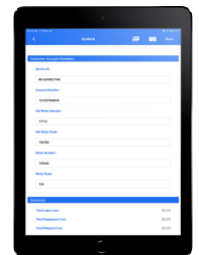
HYDRANT FLUSHING
Enables field operators to view all the hydrants, valves, services, etc. in their vicinity and select a specific feature to flush. The operator is also able to review the flushing history, enabling them to see what maintenance tasks have been completed on that same feature.

VALVE ISOLATION
Provides both office and field staff the ability to identify a location, such as a main break, determine which valves to close and mark operable/inoperable during the repair. With the valves identified, the module will provide a list of customer properties impacted by the service disruption for notification.

Utilizes GPS to determine location of the meter. Field crews capture important information such as last meter read, last serial number, new serial number and new reading. Barcode scanning can also be used to streamline the process.

LEAK COLLECTION & CORRECTION
Allows for location-based asset and incident capture and correction from the field that utilizes either the GPS on the iPad or a higher accuracy external GPS device. Field crews capture important information or edit existing GIS data then send changes back to the office for approval.