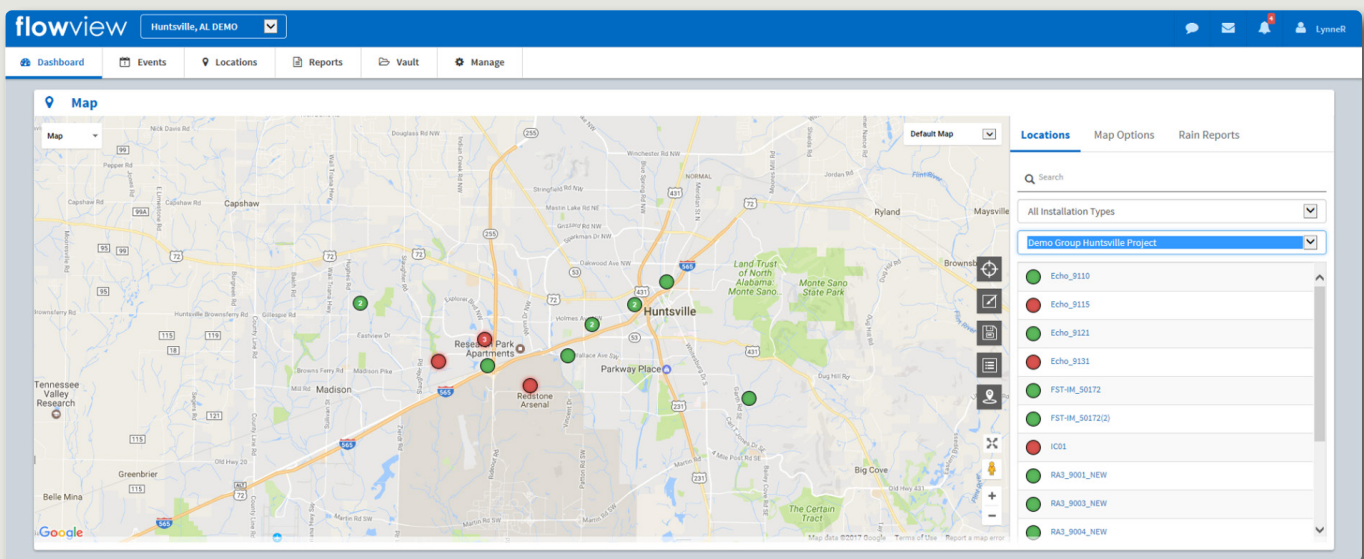


flowview[®]

Critical Sewer Flow Insight for
Collection System Management

FlowView[®] is a web application that puts flow monitor, level monitor, and rainfall monitor data at your fingertips to support management, engineering, and operational decisions within your wastewater collection system. FlowView connects clients to an ADS[®] monitoring network, delivering near real-time operational intelligence on the status of the wastewater collection system. It is the fastest and easiest way to visualize the condition of your collection system monitored by ADS sensing technology. This state-of-the-art system provides knowledge and early detection of potential problems. It offers dynamic analytical functions for fueling discoveries that will lead to enhanced management of the sewer collection system. FlowView performs data retrieval, storage, alarm management, and information presentation functions.

INTERFACE OVERVIEW



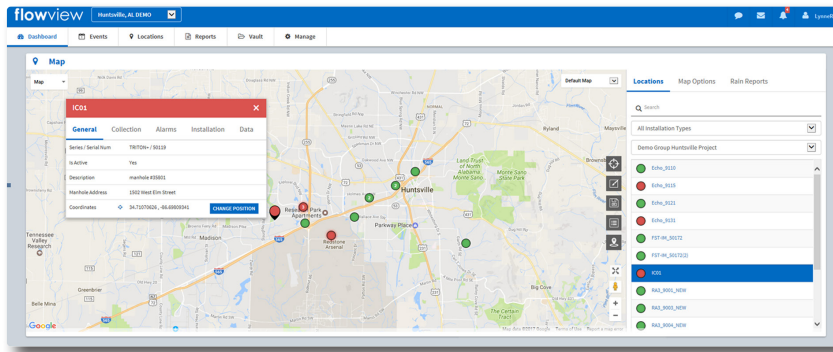
Access a wide variety of information using an intuitive map-based interface. Visualize monitor alarm status with color-coded icons, and acknowledge alarms right from the map. View the most recent conditions within the wastewater collection system in hydrograph or scattergraph displays. Enrich your insight through additional Geographic Information System (GIS) layers and map-based rainfall reports.

ADS is a leading technology and service provider and a reliable source of knowledge to the global wastewater collection system industry. Monitors manufactured, installed, and maintained by ADS measure over 4 billion gallons of flow daily across the globe. ADS delivers value to its customers by providing industry-leading solutions for collection system monitoring, data analysis, reporting, and field services. These customers rely on Underground Intelligence[®] from ADS to manage planning and rehabilitation, satellite community billing, regulatory compliance, operation and maintenance, and model calibration.



For more information, please visit www.adsenv.com/flowview





Location Inset Window

FlowView's *Location Inset Window* provides a wealth of monitor-related information directly from the map, including location and installation information and the last monitor data. Acknowledge alarms and initiate on-demand communication for monitors so configured.

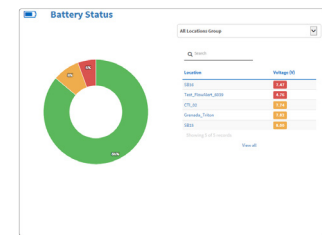
Alarms

FlowView's alarm management is designed to inform clients about the occurrence of rain events, flow performance abnormalities, and data anomalies at flow, level, or rainfall monitoring locations. Monitors and rain gauges send alerts into the hosted FlowView system, which identifies rain, flow, and depth patterns that are outside each location's pre-configured thresholds, and registers these anomalies as alarms. FlowView then initiates a client-customized alarm notification sequence. It combines rain data with high depth indicators to initiate wet- and dry-weather-induced overflow alarm notification as needed. Acknowledge and sort recent alarms by status, event type, date and time, or location. Further understand sewer conditions prior to and during each alarm through a hydrograph display of monitor data.

Action	Status	Event Type	Date/Time	Location	Graph
✓	High Level	High Level	01/22/2017 10:00	101-01, 101-02	Graph
✓	High Level	High Level	01/22/2017 11:30	101-01, 101-02	Graph
✓	High Level	High Level	01/22/2017 13:00	101-01	Graph
✓	High Level	High Level	01/22/2017 14:00	101-01	Graph
✓	High Level	High Level	01/22/2017 15:00	101-01	Graph
✓	Dry Overflow	Dry Overflow	01/22/2017 16:00	101-01	Graph
✓	Dry Overflow	Dry Overflow	01/22/2017 17:00	101-01	Graph
✓	High Level	High Level	01/22/2017 18:00	101-01	Graph
✓	High Level	High Level	01/22/2017 19:00	101-01	Graph
✓	Dry Overflow	Dry Overflow	01/22/2017 20:00	101-01	Graph

Battery Status

FlowView enables battery status monitoring and management to ensure the seamless operation of flow, level, and rainfall monitors. Battery voltages are classified as Good, Low, or Critical and are sorted by those that require the most urgent attention.



Collect Status

Track monitor communication status to identify any data transmission problems that may arise. Visualize recent data transmission status for the entire monitor network and drill down to the communication status of individual monitors.



Notifications

Verify the status of user-initiated actions within FlowView, including on-demand data collects and data exports.

Status	Percent Complete	Type	Name	Completed Date
Completed	100%	Collect	101-01 Collect	01/22/2017 11:15
Completed	100%	Collect	101-02 Collect	01/22/2017 11:15
Completed	100%	Collect	101-03 Collect	01/22/2017 11:15
Completed	100%	Collect	101-04 Collect	01/22/2017 11:15
Completed	100%	Collect	101-05 Collect	01/22/2017 11:15
Completed	100%	Collect	101-06 Collect	01/22/2017 11:15
Completed	100%	Collect	101-07 Collect	01/22/2017 11:15
Completed	100%	Collect	101-08 Collect	01/22/2017 11:15
Completed	100%	Collect	101-09 Collect	01/22/2017 11:15
Completed	100%	Collect	101-10 Collect	01/22/2017 11:15
Completed	100%	Collect	101-11 Collect	01/22/2017 11:15
Completed	100%	Collect	101-12 Collect	01/22/2017 11:15
Completed	100%	Collect	101-13 Collect	01/22/2017 11:15
Completed	100%	Collect	101-14 Collect	01/22/2017 11:15
Completed	100%	Collect	101-15 Collect	01/22/2017 11:15
Completed	100%	Collect	101-16 Collect	01/22/2017 11:15
Completed	100%	Collect	101-17 Collect	01/22/2017 11:15
Completed	100%	Collect	101-18 Collect	01/22/2017 11:15
Completed	100%	Collect	101-19 Collect	01/22/2017 11:15
Completed	100%	Collect	101-20 Collect	01/22/2017 11:15