infinitii flowworks

infinitii flowworks is a powerful suite of monitoring, analysis and reporting tools enabling you to efficiently manage all of your monitoring systems. Perform real-time analysis, check flow monitoring status and set alarms through a single interface. infinitii flowworks lets you transform raw data into actionable information.

Serving as a "data Switzerland" infinitii flowworks accepts all types of data from any source. Real-time, historic, wireless, satellite, SCADA, public data sets including USGS, NOAA and weather forecasts – it doesn't matter where the data originates. You can connect it with infinitii flowworks.

Monitoring and alarm notifications

Infrastructure monitoring made easy. Click on any station to see current values and active alarms. Overlay GIS data to get a complete view of your infrastructure. Define rules and conditions for alarm notifications. Receive instant email, SMS, and voice notifications as soon as an alarm occurs. Maintain fine-grained control of alarm settings, behavior, and recipients.

Powerful graphing and reporting

infinitii flowworks graphing enables you to visually display multi-channel data in the format of either a time-series or scatter plot graph. Freely explore your data with zoom features and navigate through massive volumes of data efficiently.
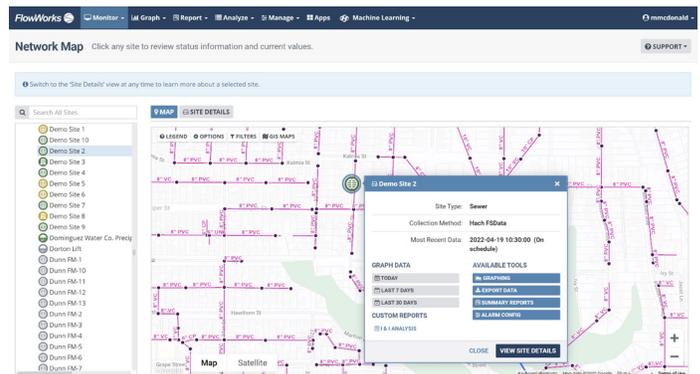
Customizable layouts

Customizable layouts allow you to control the colors, line types, and plot types. Choose how you want to visualize your data by controlling the number of axes, the labels, and how they are displayed. Quickly save and share your graphs with colleagues.

View relationships and correlations between data channels

Scatter Plots allow you to view relationships and correlations between two or more channels of data. A variety of curve fitting functions are available and can be used to visualize trends. Manning equations can be added to your plot to represent the relationship between depth and velocity.

Summarize the status of your network or facility at a glance

There are basic summary reports for daily, monthly, and yearly statistics. Create your own summary reports for multiple sites and channels. Control the level of detail, grouping, and statistics displayed. Create and incorporate customized display screens to summarize the status of your network or facility at a glance.

IDF and I&I Analysis

infinitii flowworks Rainfall Intensity-Duration-Frequency (IDF) Analysis provides a comparison of a rainfall event to historical data. Inflow & Infiltration (I&I) Analysis allows you to estimate the volume of inflow and infiltration into your sewer infrastructure. Estimate flow volumes from your pump station event data.

Create new data-sets with face

Create, edit, delete and combine data channels for sophisticated real-time analysis. face allows you to define new data-sets from incoming channels, using advanced math, statistics, and logic equations.

infinitii ai advantage

Since 2014, infinitii ai has evolved into a leader in AI-driven predictive analytics for environmental monitoring and other sensor-based applications that rely on time series data. Customers include more than 70 smart city and Industrial Infrastructure organizations including Los Angeles, Boston, Miami, Dallas, Seattle, Vancouver and Toronto and mining giant Teck Resources.

Our proven technologies and Machine Learning methodologies allow infrastructure operations to avoid costly downtime or contamination to human habitats or natural ecosystems. Our customers also take advantage of AI-enabled predictive analytics on processes or forecasted events to optimize essential infrastructure.

For more information, please email info@infinitii.ai or call +1 778-200-2064.