infinitii real-time monitoring

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

Serving as an open and data-neutral platform, infinitii real-time monitoring accepts all types of time-series data – from data logging devices, Historian servers, SCADA, or public data sets including satellite, NOAA, or USGS.

Connect to the data sources you need

It doesn't matter where the data originates, you can connect it as you require with infinitii real-time monitoring software. All data sources are consolidated into one application from many different formats which allows for easy reporting and analysis.

Once received, if data meets a pre-set condition an alarm can be triggered. You can create simple or complicated alarms from multiple data sources.

Monitoring and alarm notifications

With your data sources connected and flowing, Smart Industry infrastructure monitoring is now made easy. infinitii real-time monitoring allows you to:
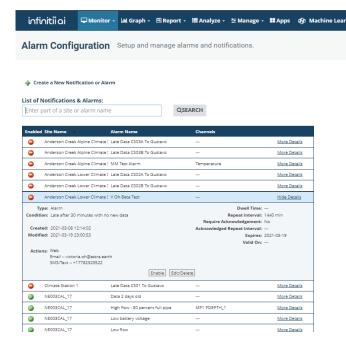
- Click on any data source to see current values and active alarms

- View alarm status on a GIS infrastructure map

- Define rules and conditions for alarm notifications

- Receive instant emails, SMS, and voice notifications when an alarm occurs

- Maintain fine-grained control of alarm settings, behavior, and recipient

Powerful graphing and reporting

infinitii real-time monitoring's graphing capability 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.

Create alarms and notifications that meet specific criteria

View relationships and correlations between data channels

Scatter Plots allow you to view relationships and correlations between two channels of data. A variety of curve fitting functions are available and can be used to visualize trends. For flow-based industrial processes, you can add manning equations or other types of variables and attributes related to your operations.

Access your data using other applications

There are basic summary reports for daily, monthly, and yearly statistics. Alternatively you can export your data to a third party reporting application using infinitii real-time monitoring's export feature.

Use export to obtain raw data from multiple sites and channels. Export files are easily imported into Excel or other reporting and analysis applications. You can also automate transferring data using our API.

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