WQData

- 24/7 instant access to project data
- Password-protected or open access
- Interactive Google Map interface
- Quickly view data, graphs & stats
- Download data in Excel or CSV

WQData is a secure web datacenter providing an online interface for managing data from remote NexSens data logging & telemetry systems. It offers 24/7 instant access using any Internet browser. Project datacenters can be setup as a password-protected or open-access site. Using **WQData**, visitors experience project data on a virtual instrument; selecting panel buttons to view dynamic project area maps, recent and historical data, time series graphs, statistical summaries, and project-specific information.

The Map view allows users to view real-world project maps with zoom, scroll and drag capability. Visitors can interact with the project maps by zooming for a detailed look at the monitoring site, or dragging to view nearby terrain or adjacent shorelines. Data View provides the most recent data and a historical table with a quick download feature. Time-series graphs are quickly viewed and customized. Simply click on the Graph button to view automatically generated plots for parameters of interest. By clicking on the Stats button, statistical summaries including minimum, maximum, number of points, average and standard deviation are automatically generated.

Each **WQData** site is automatically generated by NexSens **iChart** software and posted to secure NexSens servers at a user-defined interval. An administrator login provides an intuitive interface for setting up the project, modifying data views, and adding relevant project information. Select from a library of predefined themes for a unique look and feel, enter site descriptions, setup data filters, graph scales and other data attributes. Also included with **WQData** is the NexSens Web-Data Applet. Simply embed the Applet html code onto a web page to present website visitors with a quick snapshot of project data. An 'ALL DATA' button on the Applet redirects visitors to the complete project datacenter.

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WQData

notable features

Overview	Serves as the homepage for WQData visitors. Project administrators can customize the Project Description, Project Photo, and Data Disclaimer. A Data Applet is also built-in to the page, offering a quick snapshot of real-time data.
Map	View project maps with zoom, scroll and drag capability. Default map views are setup by the administrator with a street address or GPS coordinates. Street maps, satellite imagery, and terrain view options are easily displayed.
Data	Data view provides the most recent data with a historical table and quick download feature. Open downloaded data files directly in Microsoft Excel or other spreadsheet and database applications.
Graph	Click the graph button to view automatically generated plots for parameters of interest. The graphing utilities include features such as 'Mouse Over' to view data in a popup window and 'Click to Find' to locate the dataset in the table.
Stats	Statistical summaries including minimum, maximum, number of points, average and standard deviation are automatically generated. The 'Mouse Over' and 'Click to Find' features are also built-in to the Statistics utilities.
Panel	View parameters of interest using an interactive panel gauge. Up to six gauges can be simultaneously displayed on the screen. The bottom of each gauge lists the current reading with time and date stamp.
Download	Select the parameters to download, time selection, and file type for the data of interest. Click 'Download' to open data files directly in Microsoft Excel or other spreadsheet and database applications.
Data Applet	Provides website visitors with a quick snapshot of project data. Simply embed the provided html code onto a web page. An 'All Data' button on the Applet redirects visitors to the complete project datacenter.
Administrator	The administrator login provides an intuitive interface for setting up the project, modifying data views, and adding relevant project information. Select from a library of predefined themes for a unique look and feel.

parts list

Part #	Description
WQData	Annual web-based datacenter hosting service
1001	iChart Software for Windows-based computers

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