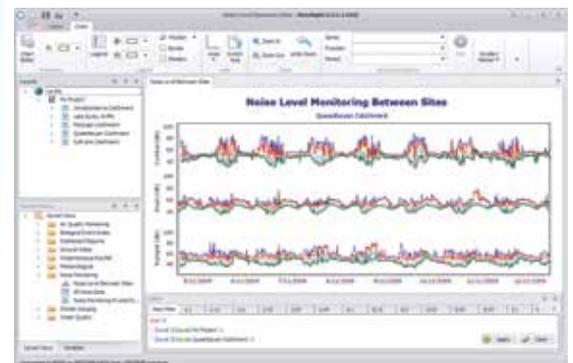# seven○ DATASIGHT
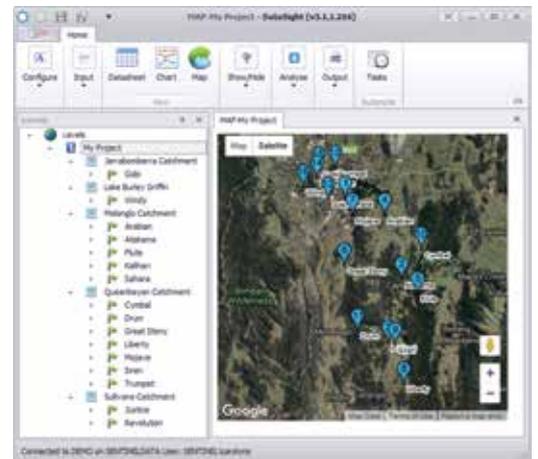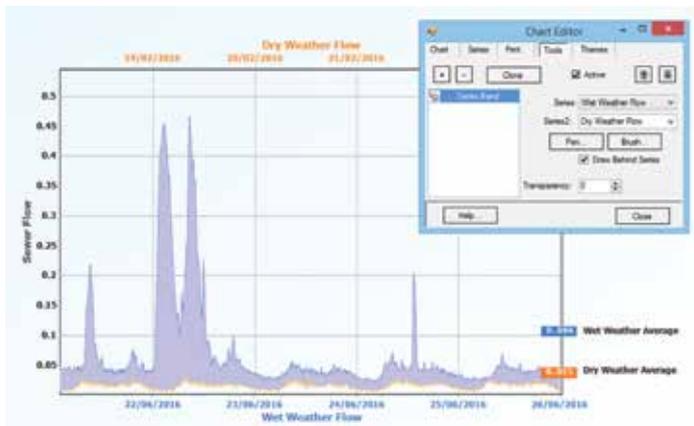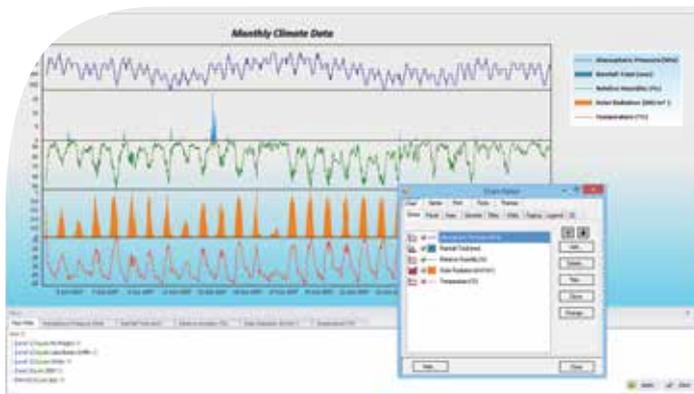
ENVIRONMENTAL DATA MANAGEMENT SOFTWARE

FLEXIBILITY IN DATA MANAGEMENT

Seveno DataSight is an open, scalable solution for your environmental data storage, management, quality control and reporting needs.

DataSight is an intuitive, fully relational data management system designed to allow user flexibility in managing and accommodating a vast array of environmental data types.

DataSight helps you to:

- Collect and store environmental and hydrometric data from a variety of sources.
- Ensure data integrity, validity and compliance via advanced data analysis tools.
- Integrate your environmental database with other systems, such as GIS, SCADA and SAP.
- Automate data management tasks including imports, calculations, charts and reports.
- Disseminate your data and reports via email or web browser connectivity.
- Ensure security of your data via flexible user permission settings and detailed data history records.

Feature Set

DATA COLLATION AND MANAGEMENT

Consolidate all your environmental monitoring data into a single, managed, relational database.

With DataSight you can:

- Import legacy data from Excel and other file formats
- Set up manual data entry forms
- Configure automatic data capture from telemetry, LIMS, mobile devices and other data acquisition systems
- Centralise and store your monitoring station information, such as calibrations, maintenance records and related documents

QUALITY CONTROL

- Flexible 'drag and drop' graphing and conditional filtering
- Construct complex queries and multiple-series graphs to fully visualise and compare your data of interest
- Save data views for later use or application to other data
- Configure and save environmental standards, apply these to your data and let DataSight show you data that is outside compliance
- Automatic quality code data

ADVANCED ANALYSIS

DataSight provides you with a number of modules and tools to create, manipulate and analyse data.

These include:

- Mathematical calculations, with Boolean and many other pre-configured operators
- Rating table generation and management
- Regression analysis
- Gauging calculations and management

SYSTEM INTEGRATION

DataSight ensures that your environmental data is managed in an open, ODBC and XML compliant Microsoft SQL Server database. There are no proprietary formats.

- Connect and share this data with other systems and databases via standard SQL queries and views – no middleware required
- Develop and integrate your own customised routines on the DataSight data using external reporting tools
- Link filtered time-series data to GIS via saved SQL views

SECURITY AND AUDIT TRAILS

Security is a key feature of MS SQL Server, which provides:

- Rich authentication options
- Granular access
- Hierarchical encryption
- Auditing

Supporting this rich server-side capability, the DataSight client application provides you with an additional range of security options:

- Manage users and groups
- Set granular permission settings for all software features
- Lock specified data records
- Use the detailed process logging to track all data changes

COMMUNICATION AND REPORTING

Improve your environmental reporting efficiency by scheduling automatic report creation at your desired time interval.

Use DataSight's pre-configured report templates or design your own via the included Report Designer. In addition, develop your own forms, such as Chain-of-Custody forms, with automatically-populated fields, or send email notifications of work schedules.

Extend your information sharing via DSWeb – secure web browser access to your data and published environmental reports.

Find your nearest Reseller at www.seveno.com
Or contact us via email at support@seveno.com

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