

Store, manipulate, analyze and report on hydrometric and climate data.

Hydro-Logic™ Timeview DBi is a streamlined online database for long-term data warehousing of hydrometric, climate and environmental data, equipping you with analysis tools to help you derive meaningful, actionable insights from that data.

An extension of the Hydro-Logic™ Timeview telemetry platform, Hydro-Logic™ Timeview DBi allows you to combine, clean and adjust data gathered from Hydro-Logic™ data loggers to understand flood risk, water resource demands and environmental impacts.

Applications

Hydro-Logic™ Timeview DBi enables users to conduct a variety of data storage, analysis and manipulation applications:

- Maintaining long-term archive for large networks
- Real-time database for flood forecasting models
- Analysis of rain gauge networks with radar data
- Flow data processing for meters in rivers or sewers
- Generating derived data, eg water quality parameters
- Processing data for hydraulic drainage models

Related products

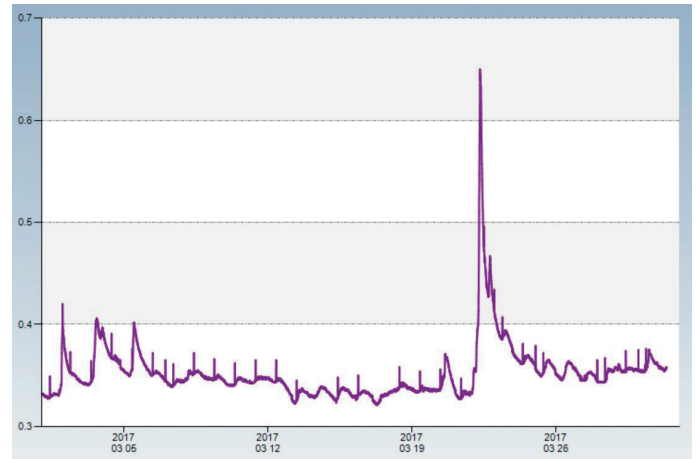
Hydro-Logic™ Timeview DBi is an expansion of the Hydro-Logic™ Timeview telemetry platform. It is optimized for use with Hydro-Logic™ data loggers.

Data loggers

- Hydro-Logic™ Flexi Logger
- Hydro-Logic™ Flow Logger
- Hydro-Logic™ Level Logger
- Hydro-Logic™ Weather Logger

Telemetry platforms

- Hydro-Logic™ Timeview



Benefits

Enables ongoing record-keeping and analysis

Hydro-Logic Timeview DBi acts as a repository and warehousing resource for historical water, climate and environmental data, and provides manipulation and analysis tools to help users to derive meaningful insight into water management trends and events.

- Statistics, trend analysis and identification
- Flood monitoring and flood risk assessment
- Environmental analysis
- Climate change statistical analysis

Enables data manipulation, analysis and forecasting

Hydro-Logic™ Timeview DBi stores and outputs data optimized for users to model, simulate and forecast future floods, water resource demands and environmental impacts.

- Forecast flooding of assets, infrastructure and property
- Model and simulate water systems
- Project water supply, demand and resource requirements

Technical information

Platform options

- Hosted server, accessible via web browser
 - IE8 and above
- Local server hosting available

Data storage capacity

- Indefinite data storage for any number of loggers

External data import formats

- .CSV
- .xml

Data export formats

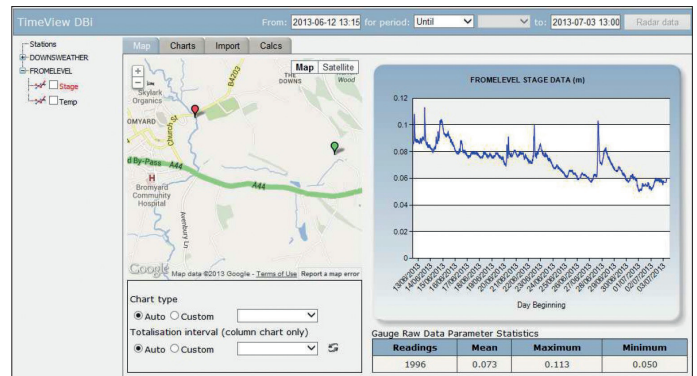
- .CSV

Compatibility

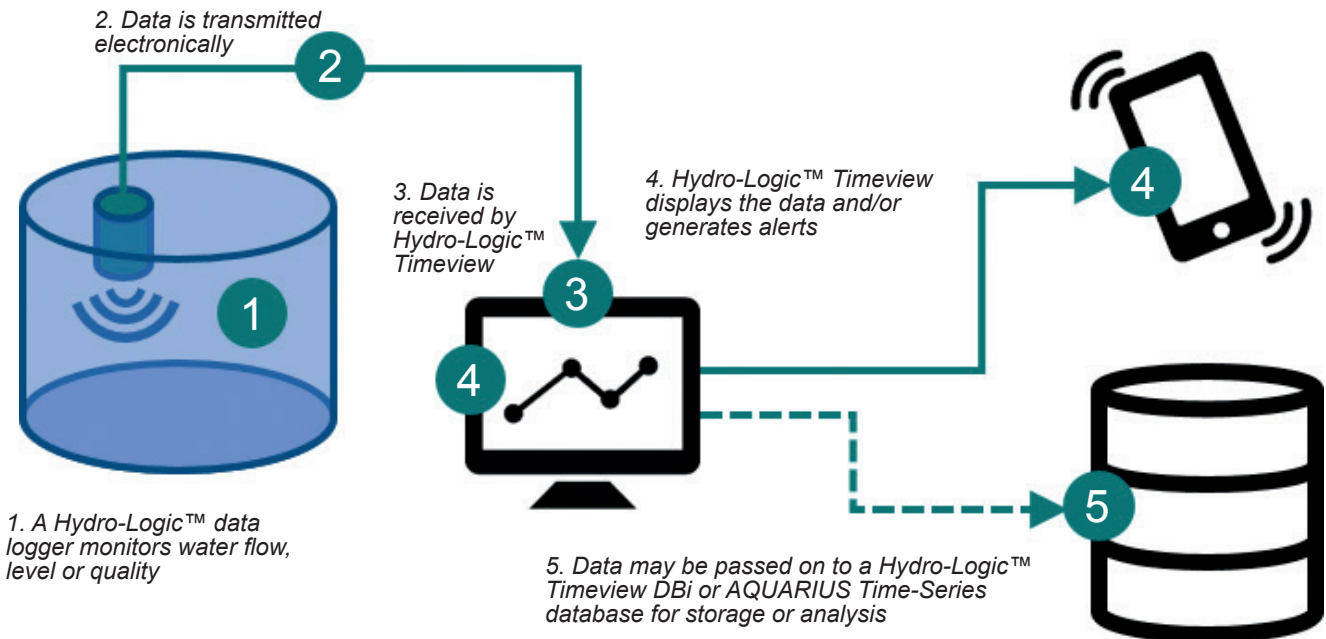
- Expansion to Hydro-Logic™ Timeview
- Fully compatible with all Hydro-Logic™ data loggers

Key features

- Long-term data storage
- Flexible time-series charting
- Multi-chart presentation and comparison
- Output data for hydraulic modeling and flood forecasting
- Time-series record derivation
- Compatible with external data sources, eg. radar rainfall intensity
- High customizability



The Hydro-Logic™ Smart Monitoring concept



Learn more

To learn more about how the Hydro-Logic™ Timeview DBi database can help you to make better water management decisions, visit hydro-int.com/smartmonitoring, search **Hydro-Logic Timeview DBi** online or contact us:

Products

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