Hydro-Logic® Timeview

Get automatic alerts and early warning of flood events and other environmental risks

Product Summary

Hydro-Logic® Timeview is a server-based telemetry system that provides automatic wireless receipt of hydrometric, climate and water quality data from remote sensors.

Triggering automated flood event alarms, providing short-term data storage and enabling data viewing and initial analysis, it provides users with tools to plan, act and react to environmental events.

Part of the Hydro-Logic® Smart Monitoring range, Hydro-Logic® Timeview is simple to set up, immediately accessible and requires no additional information technology or telemetry infrastructure.

Applications

Hydro-Logic® Timeview works with remote data loggers to provide comprehensive real-world data in real time, enabling a range of flooding, climate and water network monitoring, alerting and analysis applications:

» Precipitation and weather monitoring
» Flood warning and forecasting
» Water resource operations
» Compensation flow compliance
» Discharge consent compliance
» Culvert screen blockage warning
» Water quality or pollution alerts

Related products

Hydro-Logic® Timeview integrates with Hydro-Logic® Flexi Logger 105 data logger and can be expanded to deliver database functions with Hydro-Logic® Timeview DBi.

Benefits

React rapidly and effectively to flood events

Hydro-Logic® Timeview can trigger automatic alerts and provide early warning of flood events and other water management rapid response situations.

Hydro-Logic® Timeview distributes automated warning messages via SMS or e-mail, alerting responders to flood risk and enabling them to react more quickly to warn, evacuate or implement mitigation measures.

» Improves asset management efficiency.
» Provides additional time to act to set up protection, place warning signs, evacuate.
» Reduces risk of pollution discharge.
» Cuts risk of fines, surcharges, clean-up costs.

Get short-term record keeping and analysis

Hydro-Logic® Timeview stores data for up to 12 months, enabling short-term data warehousing and export for analysis of contemporary water, climate and environmental information.

» Statistics, trend analysis and identification
» Flood monitoring and flood risk assessment
» Environmental analysis

For longer-term storage and more complex analysis, the Hydro-Logic® Timeview DBi database extension provides expanded functionality.

Find out how Hydro-Logic® Timeview can help you make better water management decisions visit:

→ https://hydro-int.com/en/products/hydro-logic-timeview

Technical information

Platform options

» Hosted server - Accessible via web browser
» Local server - Windows XP, Windows Server 2008, Windows 7, Windows 8

Data storage capacity

» Up to 12 months

Charting range

» Minimum: 1 day
» Maximum: 12 months

Data download formats

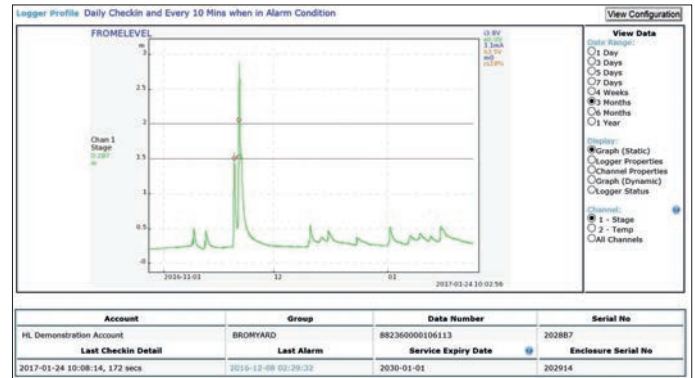» .xdq (for use with Harvest software)
» .csv

Data logger communications

» GPRS or IP-connected
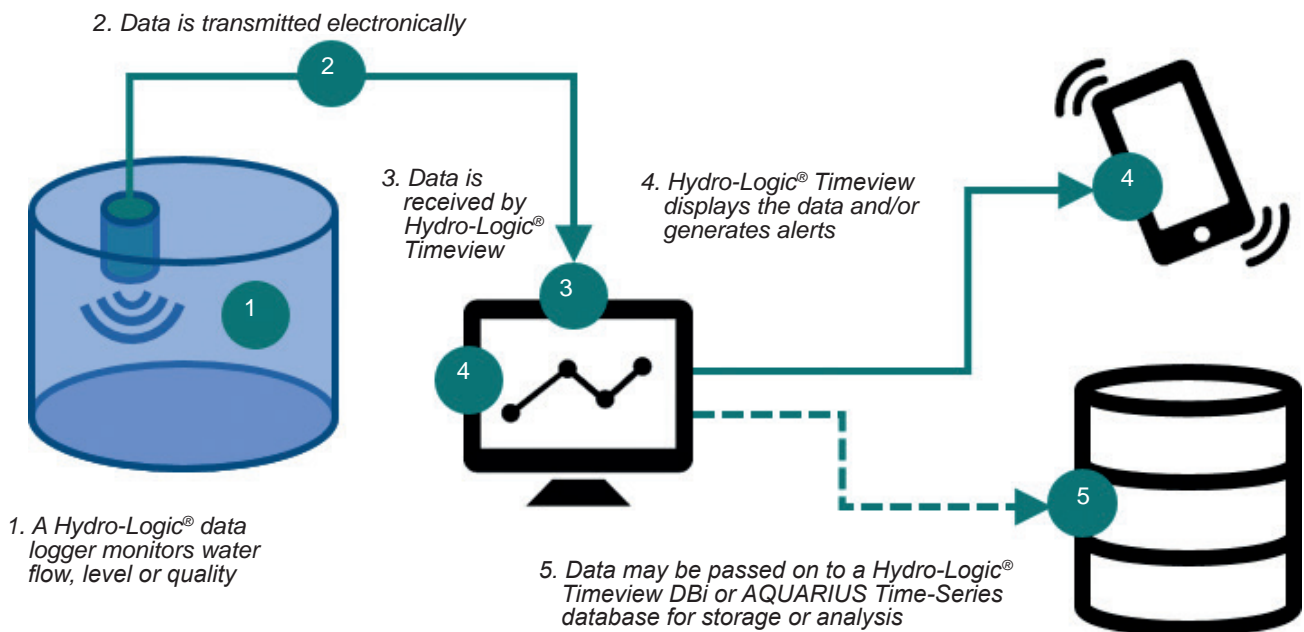» Separate modem not required

Compatibility

» Fully compatible with all Hydro-Logic® Flexi Logger 105
» Outputs compatible with AQUARIUS Time-Series database

Key features

» View latest data captured
» View current alarm status
» Line and bar charting
» Automatic alarm handling
» Automatic warning message forwarding
» Remote logger reconfiguration

The Hydro-Logic® Smart Monitoring concept

2. Data is transmitted electronically

1. A Hydro-Logic® data logger monitors water flow, level or quality

3. Data is received by Hydro-Logic® Timeview

4. Hydro-Logic® Timeview displays the data and/or generates alerts

5. Data may be passed on to a Hydro-Logic® Timeview DBi or AQUARIUS Time-Series database for storage or analysis

Patent: www.hydro-int.com/patents

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