

HADRONEX MONITORING SYSTEMS™

SMARTTREND™

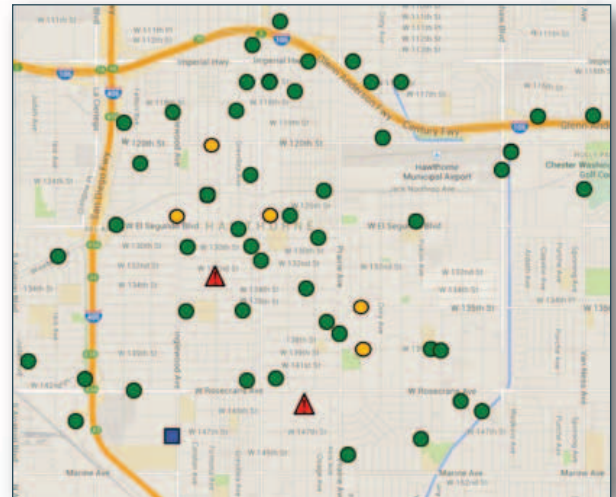
Turning Your Data Into Decisions™

Anticipate Events Before They Happen

SmartTrend™ is new software tool that enables *SmartCover®* users to anticipate overflow events at remote monitoring sites long before they occur. *SmartTrend™* automatically scans each site assessing trends in the collection system. It determines conditions and sends Advisories to users when a trend is discovered. Users have the most advanced method available to identify future issues including alarms such as SSO before they occur. *SmartTrend™* aids users and promotes advanced planning.

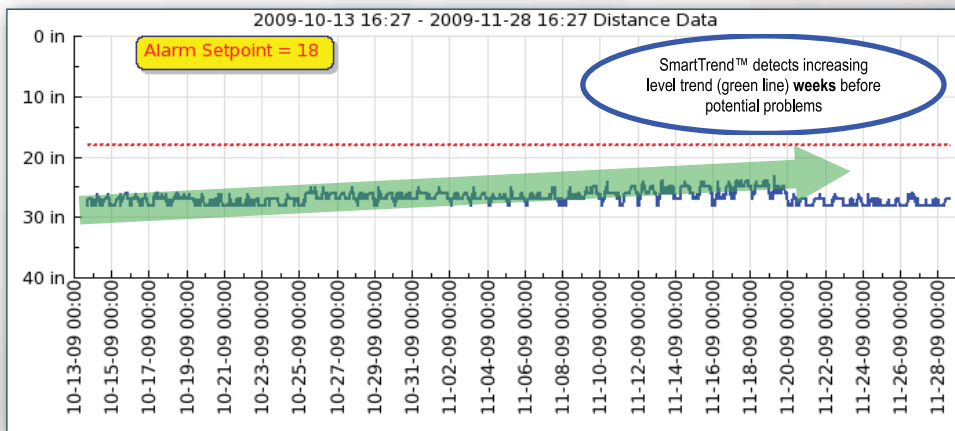
As a result...

- Operational **costs are lowered** with regular business hours response
- **Risks are eliminated** by avoiding after hours, emergency response
- Managers and supervisors acquire a new tool to increase efficiency with **fast and easy** situational assessment



Map showing status of all remote sites.

Green Circle = normal Blue Triangle = maintenance
Red Triangle = alarm Orange Circle = advisory



SmartTrend™ Advisories are sent via email or text message. The frequency of remote site scanning is user selectable. In addition to assessing level trends, it also assesses and advises users concerning *SmartCover®* maintenance. *SmartTrend™* is an exceptionally powerful management tool for making preemptive maintenance decisions before

alarms occur. It automatically scans all remote field sites and assesses each remote monitoring site up to four times per day. It looks for anomalies that may indicate such events as future surcharge or a necessity for maintenance. Through this assessment, it advises *SmartCover®* users that a given site has future potential for delivering an alarm.

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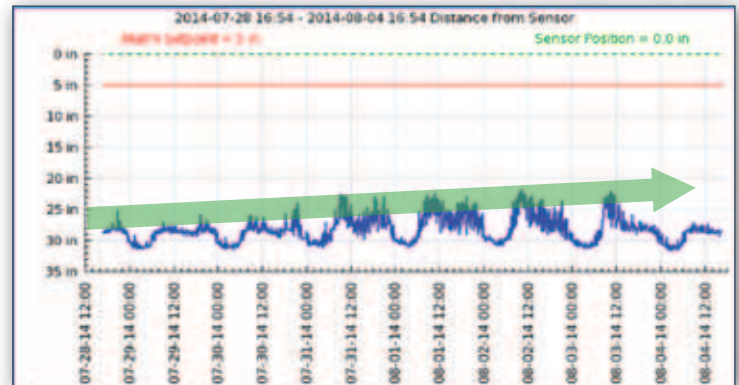
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Features

Access: Via Login on *SmartCover*® dedicated user website

Versions: User configurable site analysis tools

- Enable or disable *SmartTrend*™ auto-scan function
- Choose all or select specific remote sites to be auto-scanned
- Select email and/or text message recipients
- Select frequency of daily remote site scan analysis at increments of: 6, 12 or 24 hours with 24 hours as default.
- Select period of time for comparative analysis: 9, 18, 36, 72 days with 18 days as default.

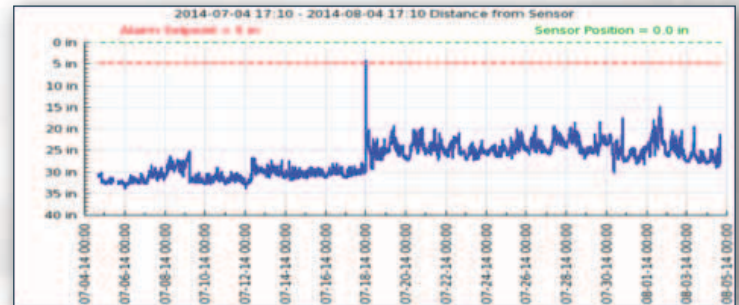


ADVISORY: 12345 Thornwood Place 9/11/14, 9:32:54 AM, Possible grit accumulation

Condition Analysis

SmartTrend™ settings provide a compliment of report types. Users select which reports are most relevant, tailoring and optimizing the Site Condition Analysis.

- Possible Downstream Obstruction
- Possible Sedimentation Build-up- often as a result of I&I
- Possible Upstream Break
- Early Alarm Advisory (Warning)
- Level Spikes



ADVISORY: 221 West Main St., 9/11/14, 9:32:54 AM, Grit and possible downstream debris

Operational Analysis Settings

- Diurnal Pattern report- typical flows with repetitive daily pattern
- Flatline report- indicates sensor alignment issue
- Near-Flatline report- indicates little variation from low flow or sensor misalignment
- Irregular Pattern report- indicates short duration level changes
- Intermittent Comm Pattern- indicates communication breaks caused by physical interference with transmission

For more information concerning the *SmartCover*® or *SmartTrend*™ contact a Hadronex Applications Engineer.
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