

SourceMonitor™

SourceMonitor™ technology provides standalone Calsense controllers with advanced capabilities to detect leaks or breaks in large-diameter irrigation lines, including but not limited to Trunk Lines, Service Lines, City Lines, Supply Lines, and Main Lines. Upon detecting a break, the SourceMonitor technology proactively communicates with controllers downstream or connected *FLOWSENSE*® chains, pausing irrigation until the issue is resolved. This functionality helps:

- Minimize water loss
- Reduce property damage
- Eliminate unnecessary No Flow alerts
- Ensure efficient and responsible irrigation management

Features

- **Break Detection:** Enables a CS3000 controller to monitor trunk lines for mainline breaks.
- **Critical Alerts:** Notifications of mainline breaks appear in Calsense Command Center Online (CCO) and are sent via email to end users when the Critical Alert box is checked for individual users.
- **Proactive Shutdown:** CS3000 controller actively shuts down the trunk line valve, preventing further water loss. After repairs are made, users can clear the break at both the controller with the SourceMonitor feature as well as any downstream CS3000 controllers that were shutdown.

Technical Specifications

- **Master Valve Configuration:** Normally open master valve recommended.
- **Point of Connection (POC) Support:** Compatible with both conventionally wired POCs and 2-Wire connected POCs.
- **Cloud Connectivity:** Both the SourceMonitor controller and all connected controllers must be connected to the cloud for proper operation.
- **Flow Meter Compatibility:** Supports a wide range of trunkline sizes and flow meters compatible with the CS3000 controller.

Applications

- Municipal irrigation systems
- Commercial landscapes
- Large-scale residential developments
- Parks and recreation facilities

Benefits

- Proactive water management to prevent waste and damage
- Streamlined irrigation system monitoring
- Lower maintenance costs through early detection