



The Data Management Solution for Irrigation and Land Application

Designed by water management experts, the Water Sentinel[®] data management program and service can provide simplified operations and regulatory compliance for your farm. It takes all your irrigation, agricultural, or land application data, runs scientific calculations and produces user friendly reports to manage your system. Water Sentinel is used by fortune 500 food producers and processors along with farm managers who want to improve their performance. It also easily interfaces with the Valley[®] BaseStation3.™

Management & Operations

- System performance
- Operation summaries
- Nutrient and salts balance
- Water balance
- Graphing
- Data range options

Regulatory

- State monitoring reports
- Compliance reports – monthly, quarterly, annually, etc.

Farm Management

- Field performance
- Nutrient/fertilizer application
- Water application
- Pump systems
- Graphing
 - Soil moisture
 - Soil nutrients
- Advisor feedback





Building your Water Sentinel is an easy and interactive process.

CES works in collaboration with you throughout the development and implementation process so that the program meets your specific needs.



01

CLIENT/CES

Collaborates to develop data/reporting needs



02

CES

Programs and launches the Water Sentinel online



03

CES/CLIENT

CES trains the Client to use their Water Sentinel



04

CES

Provides professional data management support



05

CLIENT

Successfully manages their data

Keys to Success

- Custom program
- Multi-level user access
- Web-based
- Automated data transfer
- Interactive map
- Data validation
- Scientific calculations
- Centralized data storage
- Collaborative
- Remote access
- Secure
- Review and modify data
- User-friendly
- Saves time
- Easy automated reports
- No data redundancy