



**CALWEST  
RAIN**



**Irrigation Automation**  
Better Yields. Lower Costs.

## Cutting Edge Technology

We use cutting edge technology to increase the efficiency of your growing systems. Monitoring lets growers understand and control water usage to achieve higher yields at a lower cost. Track and know the exact condition of your farm using proven technology that allows you to follow the weather, soil moisture conditions, and control your irrigation/fertigation system more efficiently.

- Real-time irrigation system monitoring and control
- Soil moisture monitoring
- Water quality and groundwater level monitoring on wells
- Weather, PH, and EC among others
- Easy integration of actuators and sensors
- Access from anywhere anytime via a smartphone app
- Cloud-based means no inhouse IT resources or downtime



## Key System Capabilities

**Monitoring & Control:** Field nodes simultaneously monitor and control system performance, while also controlling components like valves and pumps.

**Irrigation Scheduling:** Easily schedule irrigation events using scheduling software. This includes options for advanced fertigation control, pH control, and EC monitoring.

**Data-Driven Decisions:** Real-time and historical reports help you make more quicker and better informed decisions.

**Resource Management:** User-friendly scheduling and decision-making tools to better manage the use of water, energy and labor to reduce costs and improve yields.

**Alerts & Notifications:** Configure the system to send real-time alerts and notifications from your irrigation system including failures, faults and updates.

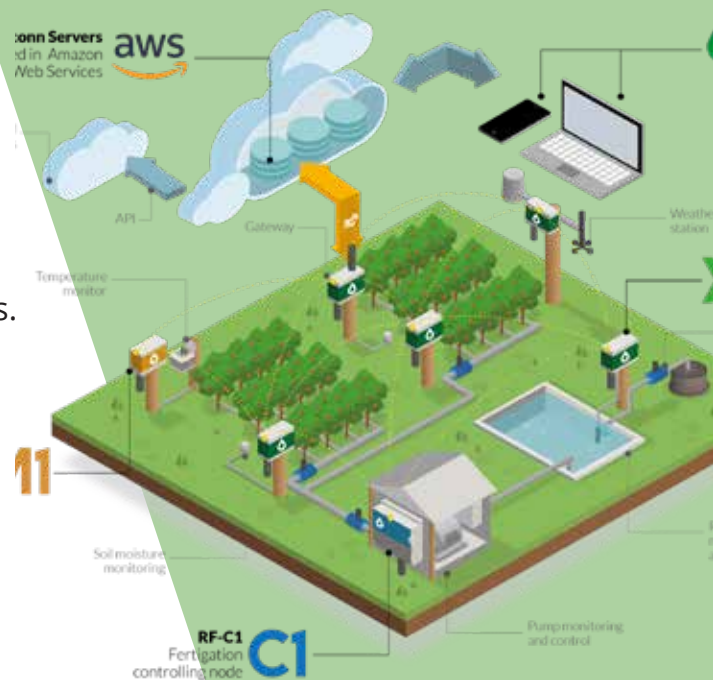
**Map Display:** Provides a bird's-eye view of your operation, showing real-time water events.



## How It Works

Irrigation automation consists of a wireless network and a web application. The network is made of nodes connected to sensors and actuators across the irrigation system. The nodes communicate with each other to send the information to the central gateway, which connects the network with a web application for monitoring, controls, reporting, alerts and data analysis. The features typically included are:

- Flexible and adaptable configuration options
- Monitoring, control and scheduling capabilities
- Reliable hardware and wireless network
- Powerful software suite for analysis, reports and alerts
- Always accessible from anywhere via computer or phone



## Benefits of Automation

Monitoring and control systems can deliver real value in terms of better yields and lower costs. When partnering with an experienced integrator like CalWest Rain you'll quickly realize a variety of benefits including some or all of the following:

- Better crop quality and yields
- Lower water costs through more efficient application
- Lower electricity and fuel costs with smarter scheduling
- More effective labor utilization and lower labor costs
- Data-driven decisions via real-time and historical analysis
- Proven technology from WiseConn, Netafim and Pumpsite
- Complete design, installation, configuration and support

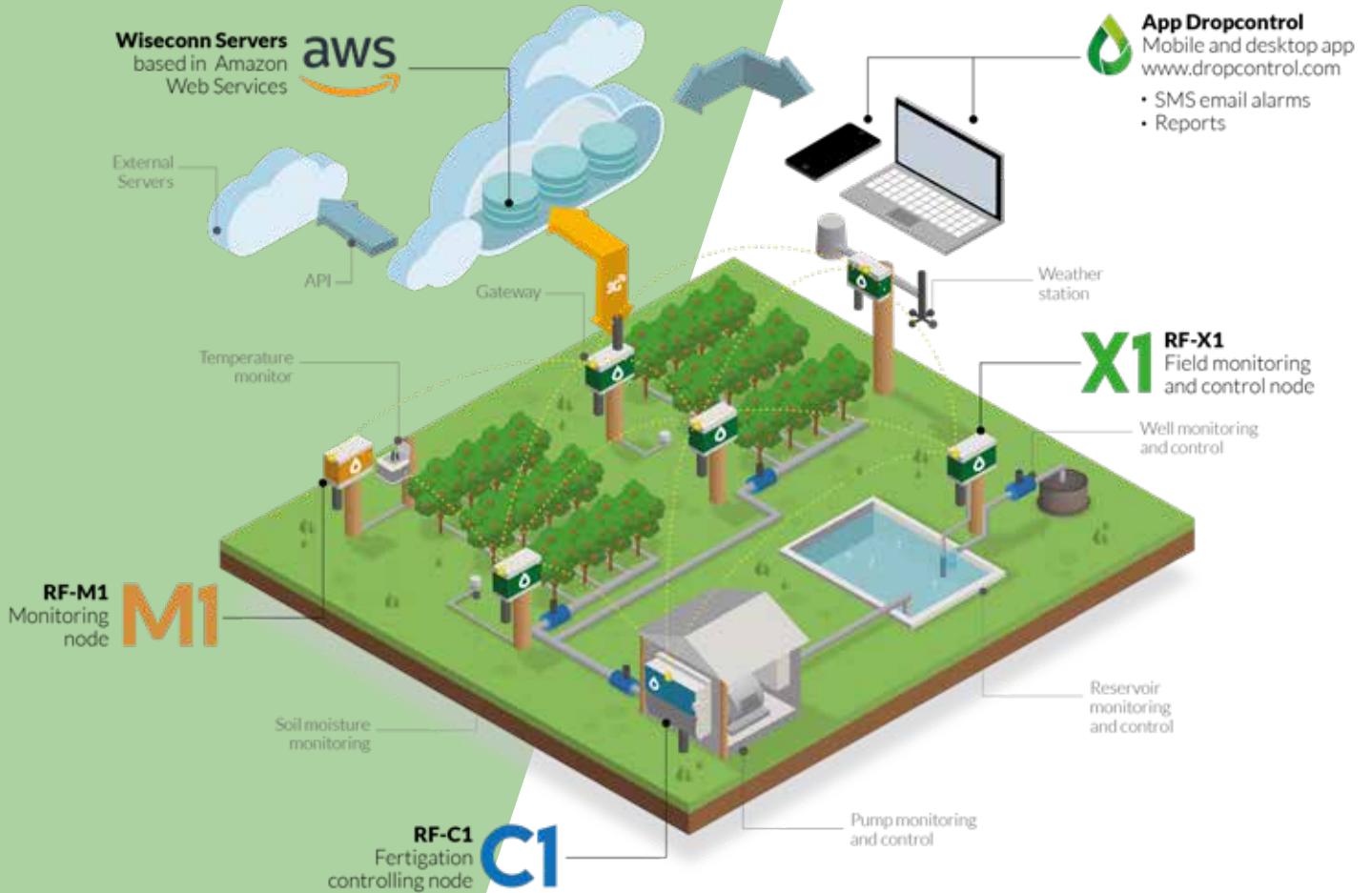
To learn more about how automation might benefit your operation, contact CalWest Rain at **559-846-5326** or **calwestrain.com** for a free consultation.





# Monitoring & Controls

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RAIN**

*Serving California Agriculture Since 1989*

**Kerman, CA**  
559-846-5326

**Paso Robles, CA**  
805-226-8990

**Hanford, CA**  
559-537-6846

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