AUTOMATION AND COMPLETE IRRIGATION MANAGEMENT

WiseConn technology allows the user (Administrators, Irrigators, Advisors, etc.) to wirelessly and online monitor, control and automate their irrigation systems. This optimization increases revenue, reduces expenses and improves time management.

Flexibility
Connects with any open-standard sensor. Several options to connect more than 12 different standards.

Monitoring and Control
DropControl's now patented technology enables advanced and secure management of irrigation, fertigation, well operation, pumping, valve control, frost protection, etc.

Wireless Mesh Network
The Mesh network is easy to install, and maintain, and self-repairs to maintain communication. Up to 2 miles of line of sight links between nodes.

Online Support
Subscription plans include expert online technical support for setup and troubleshooting.

Cloud-Based
Data is always available from the cloud to the palm of your hand. All the data is secure, with no servers or software to maintain. Only an internet connection and access key are needed.

Maps
Map visualization allows for easy viewing of the overall status of your process and easy localization of problems.

Multiple Users
The platform allows individualized access for users, with differentiated privileges and a complete history of each one's management.

Alarms and Alerts
Many alarm or alert configurations, via SMS, email, calls, and push notifications on cell phones, can be customized according to parameters measured on the field.

Low Energy Consumption
Each node is energy self-sufficient, with batteries and/or solar power.
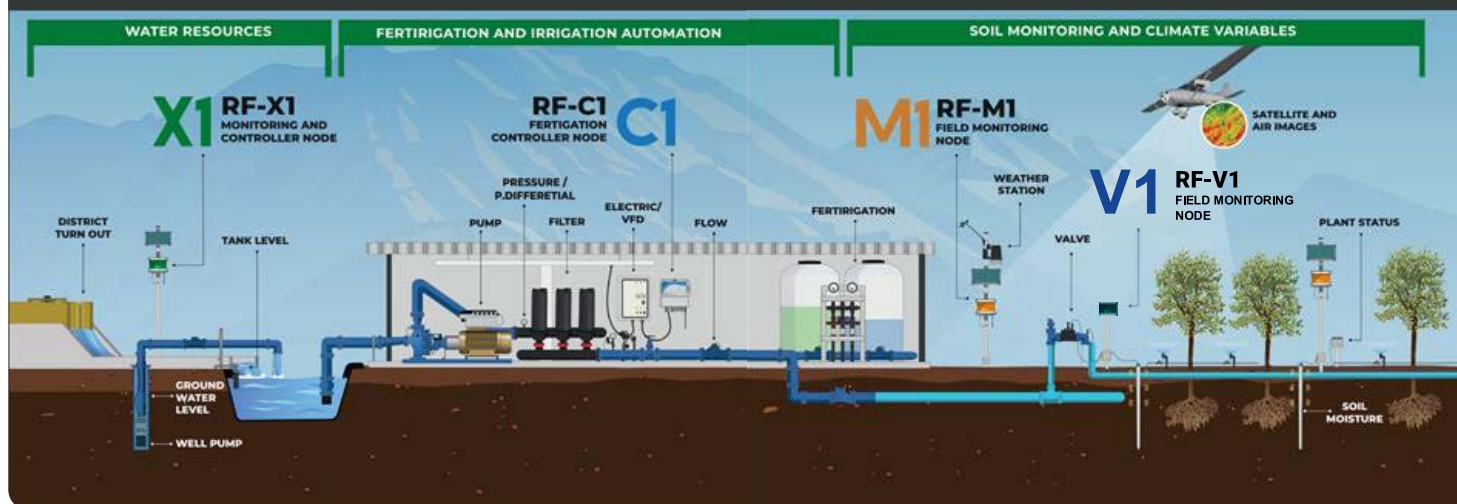
API Integration
Connection with external systems, through direct and real-time access to DropControl data, for a more flexible and personalized user experience.

AGRODRİP suvarma sistemleri

TECHNICAL
CATALOGUE

AUTOMATION AND COMPLETE IRRIGATION MANAGEMENT

IRRIGATE **PRECISELY**

Best Sustainable Agricultural Water Management Solution

WATER RESOURCES | FERTIRIGATION AND IRRIGATION AUTOMATION | SOIL MONITORING AND CLIMATE VARIABLES

X1 RF-X1 MONITORING AND CONTROLLER NODE

C1 RF-C1 FERTIGATION CONTROLLER NODE

M1 RF-M1 FIELD MONITORING NODE

SATELLITE AND AIR IMAGES

V1 RF-V1 FIELD MONITORING NODE

DISTRICT TURN OUT · TANK LEVEL · PUMP · FILTER · PRESSURE / P.DIFFERETIAL · ELECTRIC/ VFD · FLOW · FERTIRIGATION · WEATHER STATION · VALVE · PLANT STATUS

GROUND WATER LEVEL · WELL PUMP · SOIL MOISTURE

X1 Modular Station

- Remote Monitoring and Control
- 5 Modular Ports
- Solar Power and Built-in Battery
- Over 10,000 Installed Systems

- Controls 9 valves + 1 pump
- Flexible design to meet requirements

C1 Central Control Station

- Scalable up to 60 valves in a single device
- Built-in I/O modules
- 220V + Built-in Battery

- Inverter/Drive (VFD) Control
- pH and EC Management for Fertilization
- Bluetooth Connectivity

M1 Monitoring Station

- Remote Sensor Monitoring
- Solar Power and Built-in Battery

- Multiple Sensor Monitoring:
Well
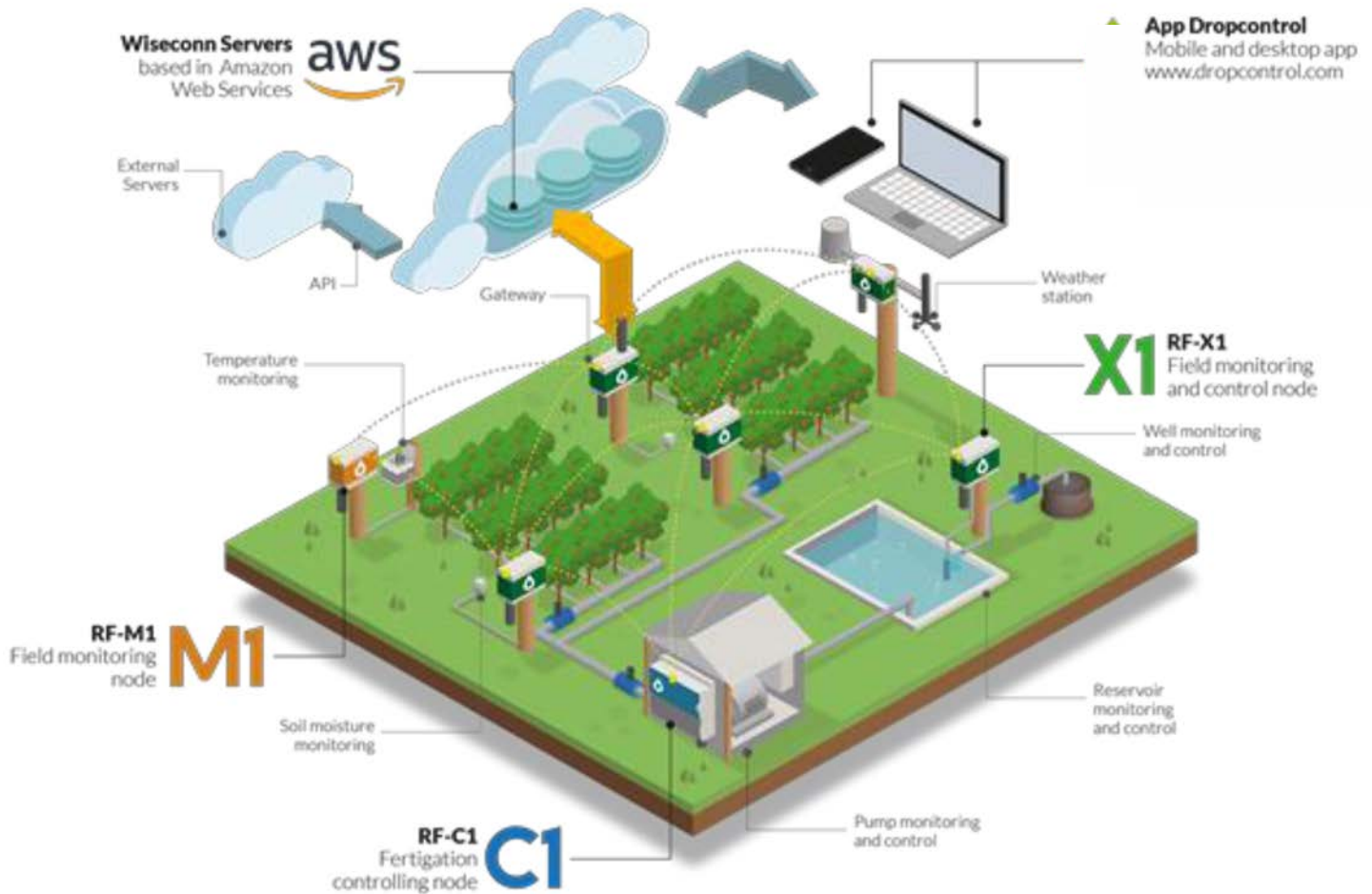Pool
Flow
Pressure, etc.

V1 Modular Station

- Controls 2–4 valves
- 2 km wireless range
- Monitors flow, pressure, and soil moisture
- 1-year battery or solar powered

- Remote Valve Control
- Monitoring:
Flow
Pressure
Soil Moisture Sensor
Weather Station

WIRELESS IRRIGATION

Wiseconn Servers based in Amazon Web Services — aws

External Servers

API

Gateway

Temperature monitoring

RF-M1 Field monitoring node — M1

Soil moisture monitoring

RF-C1 Fertigation controlling node — C1

App Dropcontrol Mobile and desktop app www.dropcontrol.com

Weather station

X1 — **RF-X1** Field monitoring and control node

Well monitoring and control

Reservoir monitoring and control

Pump monitoring and control

ONLINE IRRIGATION CONTROL SYSTEM

· Pumps
· Valves (Wired/Wireless)
· Fertilizer Dosing Systems
· Soil Moisture Sensors
· Weather Stations
· Pool/Well Level Sensors
· Water Meters
· Pressure Sensors
· Inverter/Drive Control