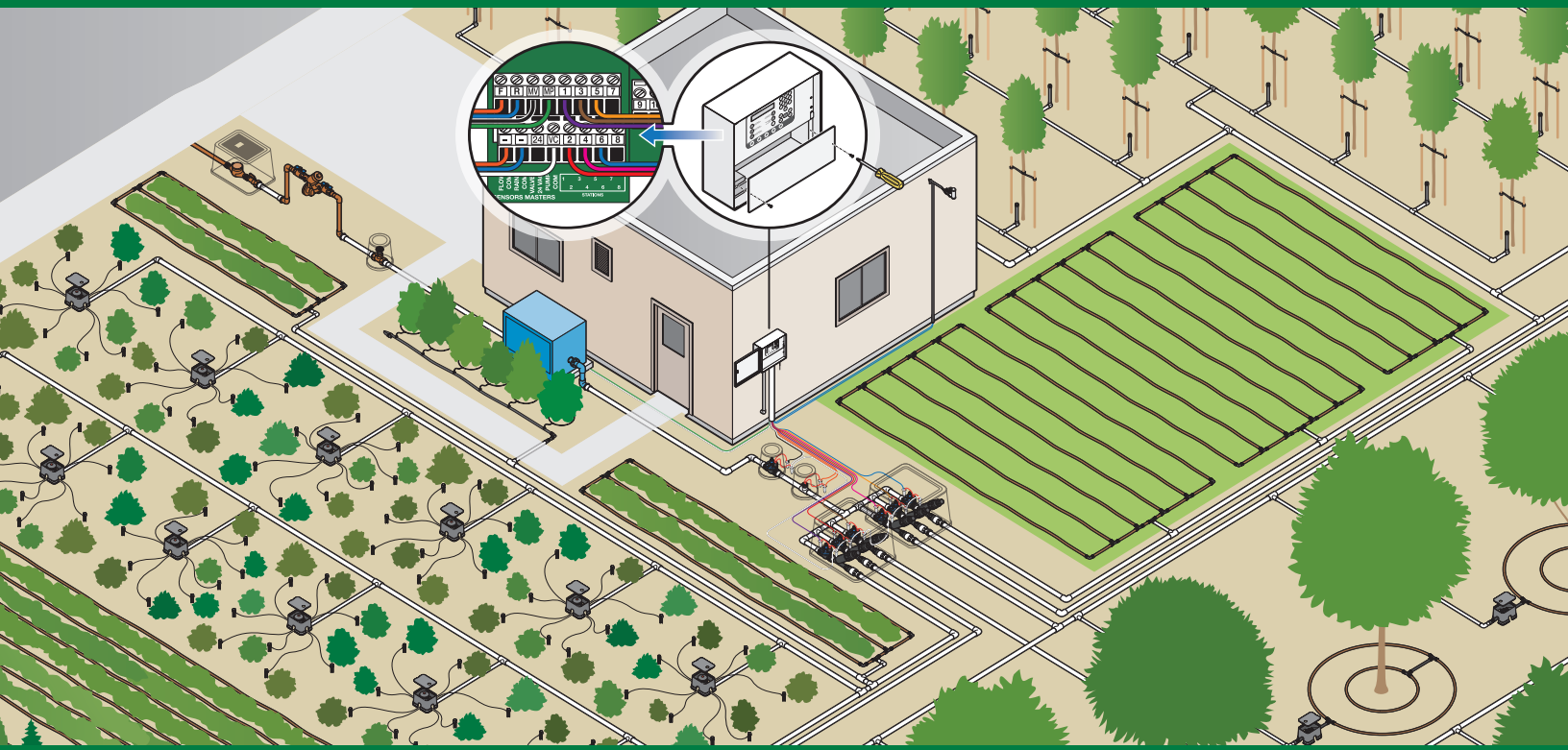


JAIN UNITY AUTOMATIC IRRIGATION FOR FAMILY FARMS



JAIN UNITY knows when to water crops and precisely how much for maintaining moisture balance in their root zone.

Unity is a self-adjusting irrigation control system that combines agronomy and cloud-based computing to automate the scheduling of sprinkler and drip irrigation. Water is applied to crops based on current local weather conditions (using both 'ET' evapotranspiration and rainfall) according to the crop coefficient and soil type, slope, sun/shade, emitter type, distribution uniformity and other environmental factors.

Unity saves up to 20-50% on irrigation water use from manual estimates and turning on of valves in the field. It delivers maximum water-use efficiency for yielding MORE CROP PER DROP® with real-time management and monitoring capability from any mobile or smart device.



Visual display of the water level in the crop root zone for each irrigation station



THREE CONTROLLER MODELS, ONE SOLUTION

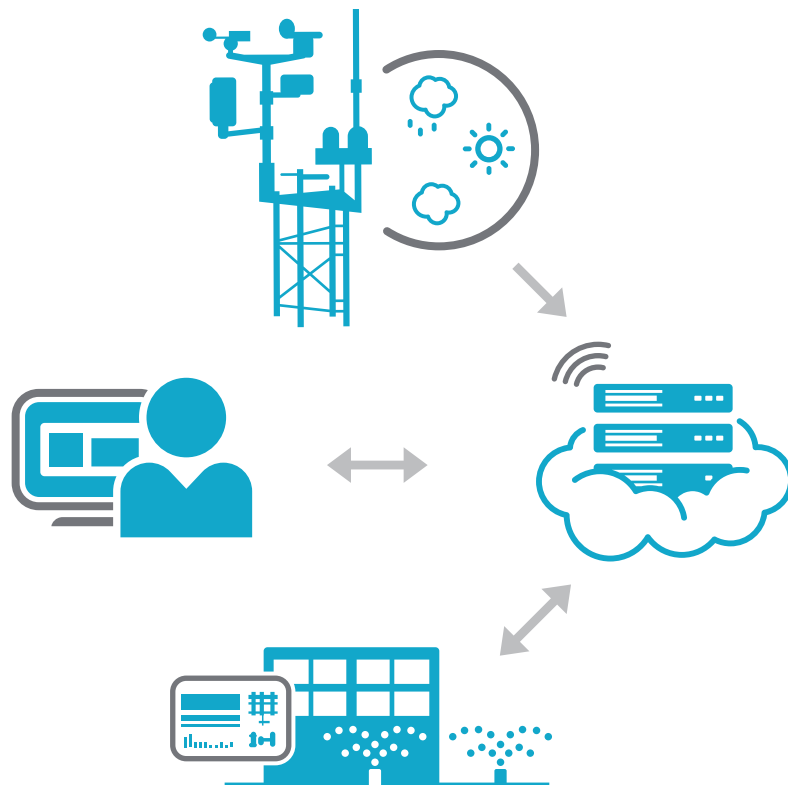
All JAIN smart controllers connect wirelessly over cellular networks to Unity for quick set-up, activation of auto-scheduling, and remote access, including ETwater SmartBox for new installation or ETwater SmartWorks and HermitCrab that retrofit an existing standard controller. No need to rip and replace.

Each controller model can support up to a maximum of 48 irrigation stations.



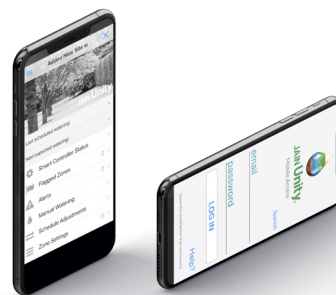
How JAIN UNITY Works

- 1 Use the JAIN Unity online management system to set up your account by entering your landscape profiles. Then, install the ETwater smart controller.
- 2 Microclimate forecasts localized to latitude / longitude coordinates and cross-referenced to an exclusive historical, real-time hourly and forecast weather database.
- 3 JAIN Unity servers access the weather data, compute evapotranspiration, and generate daily watering schedules for each landscape profile. Servers then connect wirelessly to ETwater smart controllers to exchange schedules and data.
- 4 ETwater smart controllers execute daily irrigation schedules.



JAIN UNITY Features

- Extensive historical and forecast weather data. Graphs showing temperature, rain, wind, cloud coverage, and more for your location.
- Automatically suspends irrigation before it rains. Uses forecast and long-range weather predictions to reduce operation of the irrigation system and getting the most value from free rainwater.
- Advanced customization available including user-defined time restrictions, fixed watering schedules, water windows, establishment schedules and depletion levels.
- Optional flow monitoring that automatically detects leaks and closes master valves to prevent flooding.
- Email alerts for malfunctioning valves and interruptions in watering schedules provide site allow for quick response.
- On-demand reports, including run-time, estimated, measured irrigation usage reports, and more.



UNITY MOBILE

- Automatic solenoid test
- See real-time controller status
- Flag button to earmark one or more stations for later follow-up
- Add a zone repair note
- Run multi-station wet checks
- Instant suspend irrigation
- Bilingual English/Spanish

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