Signature®
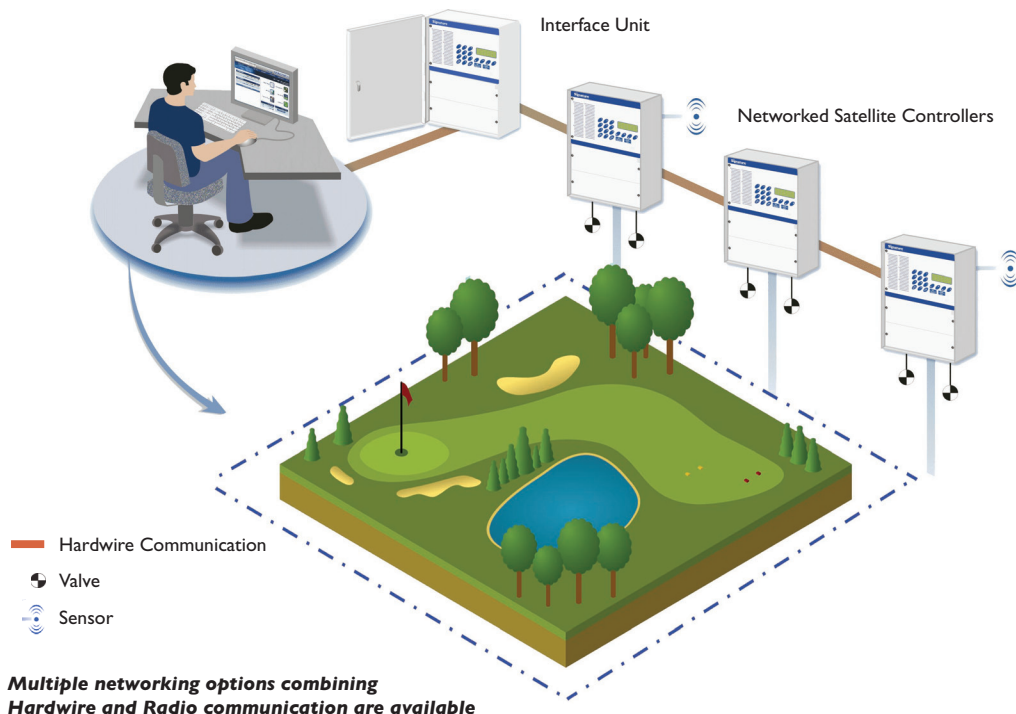### CONTROL SYSTEMS, INC.

AURORA® PROFESSIONAL

Aurora® Professional

HOW IT WORKS

Aurora® Professional is the traditional-type of central control system for use with Aurora® and AuroraLT™ Series controllers. It communicates with remote irrigation field controllers using hardwire, local radio (900MHz or 2.4 GHz Digital Spread Spectrum), Ethernet, and allows management of satellite controllers from one irrigation computer with irrigation software resident on the computer.

The features of Aurora® Professional can be added to all Aurora® and AuroraLT™ Series controllers and networks without any changes to the controller or network. All that is required is (a) an Interface Unit located in close proximity to the irrigation computer to facilitate the field connection, or (b) an Ethernet connection and Ethernet modem in one of the Satellite controllers in the Aurora® network. Aurora® Professional provides weather-based irrigation scheduling option using a local weather station. ET data is delivered daily to irrigation controllers which allow the realization of quantifiable water savings and reduced operational costs.

USAGE EXAMPLE: Aurora® Professional — Single User / Multiple Controller Site

Interface Unit

Networked Satellite Controllers

— Hardwire Communication

Valve

Sensor

Multiple networking options combining Hardwire and Radio communication are available

![Signature Control Systems logo]

AURORA® PROFESSIONAL

FEATURES & BENEFITS

NETWORK COMMUNICATION – UNLIMITED OPTIONS

Communication options for Constellation® Networks include hardwire, local radio (900 MHz and 2.4 GHz digital spread spectrum radio), cellular phone, Ethernet, fiber-optics, Wi-Fi and others. (Not all options are available in all areas. Contact your local dealer for options available for your specific area.)

CENTRAL COMMUNICATION – STANDARD AND REMOTE OPTIONS

Communications options between the central irrigation computer and the Aurora® satellite controllers include all those listed above PLUS the ability to access the network from anywhere in the world where you can get an internet connection from your computer.

NETWORK MONITORING – ROBUST INTELLIGENCE

The Aurora® network monitors itself continuously and can make use of six sensor inputs per satellite controller (2 direct; 4 indirect). The satellite controllers can monitor and adjust to flow, rain (on/off), rain fall adjustments, wind, moisture, temperature or virtually any other sensor to adjust and take action in real time… without the need for the central computer to even be on.

SOFTWARE FEATURES (PARTIAL LIST)

- Graphical User Interface
- Weather station monitoring for automated ET-adjusted irrigation schedule
- Automated ET (with optional equipment)
- Flow Management
- Event Calendar Scheduling
- Manual station control
- Dry Run and monitor irrigation water windows
- Operates lighting, fountains, security gates, etc.
- English and metric units
- Multilingual instructions

REMOTE OPTION

Untether your control! Move to a laptop and an Ethernet modem in one of your Aurora® network satellite controllers and use your computer anywhere in the world where you can get to the Internet. STANDARD!

CONTROL FEATURES

Irrigation cycles are easily scheduled to meet varying and complex watering requirements. Cycles can be scheduled with some of the following:

- Standard Start Times
- Stop Times
- Link Start Times
- Water Days
- Intervals
- Program Specific Water Budget
- Controller Specific Water Budget
- Sequential or Parallel Start Event Operation
- Automatic ET Control
- Sensor Starts or Stops or Pauses

OTHER FEATURES

Self-monitoring feature finds open/short circuits, activates alarms/pagers, and shuts down automatically if necessary. Hardwire and radio communications can be used on the same network

Independent programming allows control of each station in any sequence, with multiple repeats and pauses.

True two-way communication between central controls and satellites.

REMOTE TECHNICAL SUPPORT

High-speed technical support from the factory via an internet connection.

GOLF CENTRAL CONTROLS

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