



iCENTRAL™

Internet Central Control System



Bringing Intelligence
to the
Smart controller...



RAIN MASTER

...Rain Master is leading the industry with the world's first, most comprehensive and affordable Internet based water management system in the market today!



iCENTRAL™ *With Automatic Scheduling*

The First Web Based Irrigation Control System

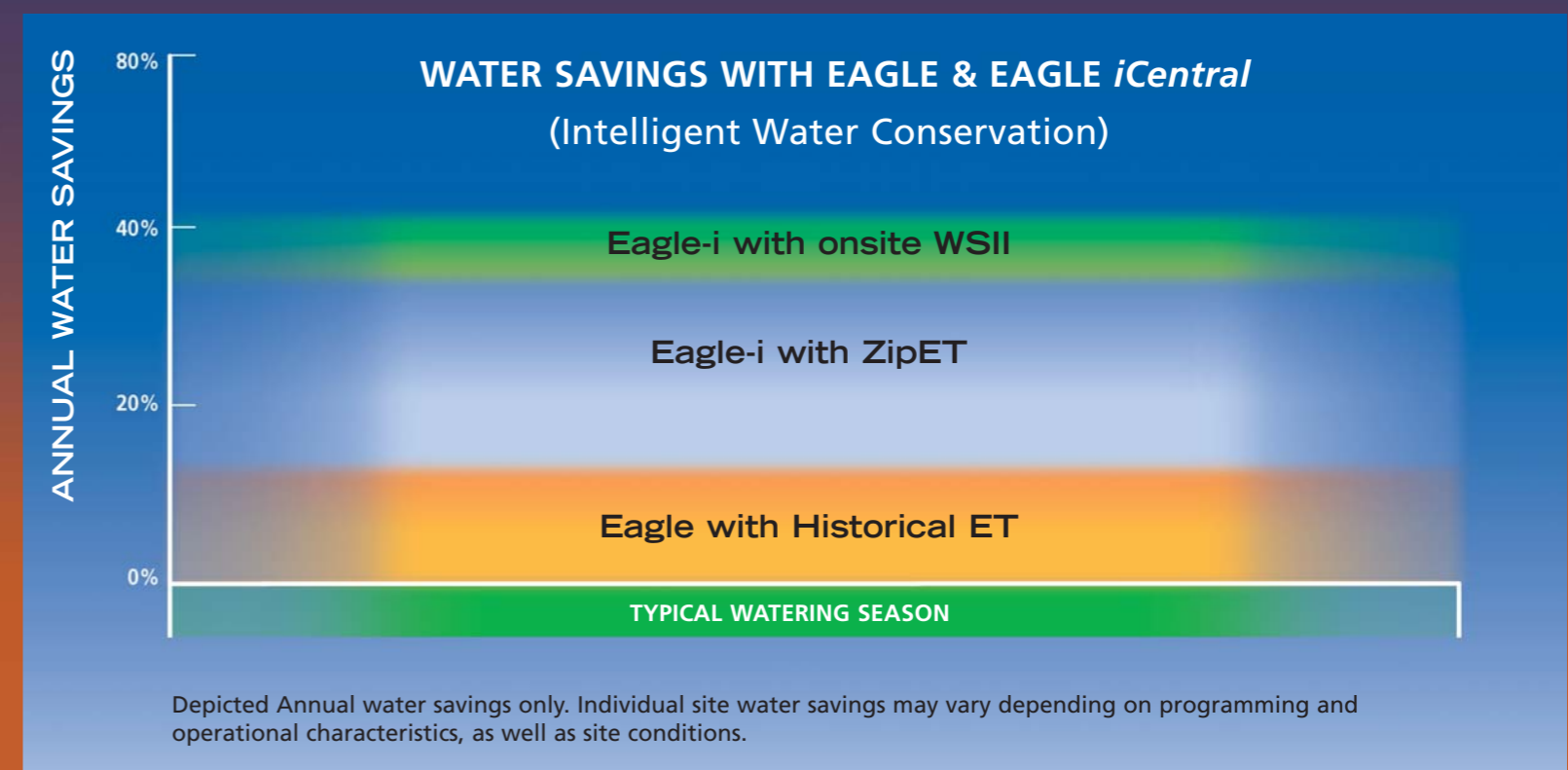
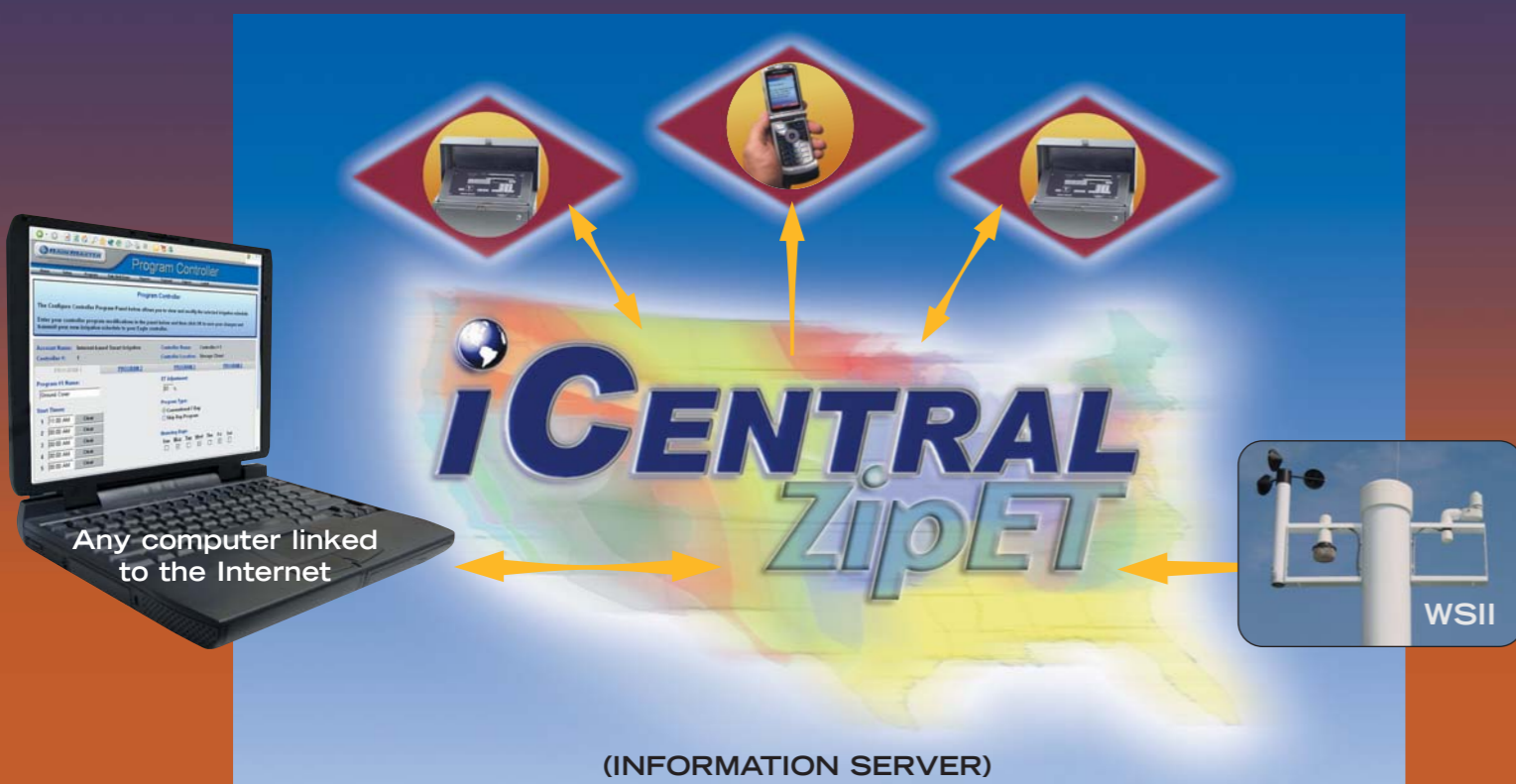
No Software Required

Rain Master's *iCentral*™ is the first, most comprehensive and affordable web based water management system. It allows wireless central control for one or more Rain Master *Eagle-i*™ Series irrigation "field" controllers. The *iCentral* website utilizes reliable 2-way wireless communication from the Internet to interface with each field controller and provides alert notifications for a variety of system conditions (US Patent No. 6,823,239). An entire irrigation system, no matter how large, can be managed through the *iCentral* web services.

- Automatic Irrigation Scheduler (AIS) determines the optimal irrigation schedule based on seasonality and site parameters: DU, soil texture, plant type, slope, precipitation, etc.
- *Intelli-Sync*™ Intelligent Synchronization monitors changes made at the *iCentral* website or in the field and allows the operator to accept or reject the entry.
- *ZipET*™ (a Rain Master exclusive) Enter the local zip code once, and local weather information is automatically sent to each controller every day.

- *Smart Alerts*™ are sent by *iCentral* for all field alarms generated when a "fault" occurs; text messages are sent to cell phone and email address.
- Automatic initiation of "rain shutdown" to each controller if *iCentral* determines that precipitation in a designated area necessitates a shutdown.
- Automatically modifies irrigation schedules based upon daily ET, as well as plant watering requirements.
- Manually turn on/off any station or program.

- Optional flow sensor detects excess flow, no flow, mainline flow and unscheduled flow conditions, and sends alert messages for each.
- *Eagle-i* controller detects wiring faults associated with station field wiring.
- Reports are available to show web and field activity to allow detailed analysis of the systems efficiency.
- All billing / payment plans can be reviewed and performed on-line via the "secured" Rain Master *iCentral* website.



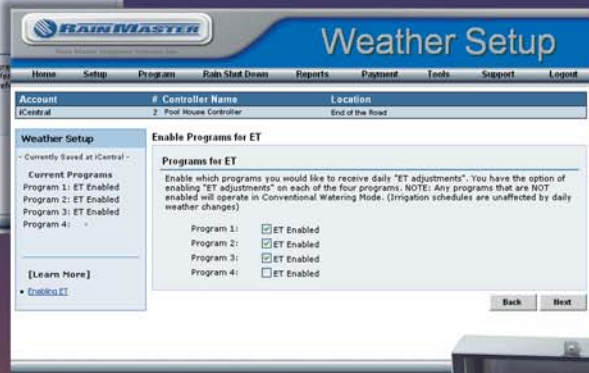
Depicted Annual water savings only. Individual site water savings may vary depending on programming and operational characteristics, as well as site conditions.



Using ZipET™ users can get zip code specific daily ET delivered to any controller in the United States.

How Does ZipET Work?

The technical term for plant usage of water is called “EvapoTranspiration” (ET). Rain Master receives reliable raw weather information on a daily basis from thousands of federally regulated weather stations throughout the United States. The weather information is validated and converted into industry accepted ET values. Site specific ET information is then delivered to your controllers based upon your designated *iCentral* weather setup criteria.



ZipET™ (a Rain Master exclusive) is the *iCentral* feature that automatically sends weather information every 24-hours to each controller based on the entry of the local zip code in the Weather Setup page.

Upon receipt of the weather information, the *Eagle-i* controller intelligently modifies scheduled station runtimes by replacing just enough water to maintain plant water requirements for that day. By changing irrigation schedules based upon need, significant water savings can be achieved.







RME Eagle™ RME Eagle-i™

Weather-Based Irrigation Scheduling (ET)

The Rain Master **RME Eagle** combines classic controller programming with cutting edge features, including optional Internet **iCentral** Control. Connection to the Internet is as easy as adding the optional **iCentral** Communication Kit that provides access to all **iCentral** control features.



Eagle Features:

- Available in 6, 12, 18, 24, 30, 36 Station Configurations
- 4 Programs with 5 start times each
- NVM (Non Volatile Memory) – No Batteries Required
- ET-based Scheduling
- Flow Sensing
- Cycle & Soak
- Odd/Even Day Watering
- Rain Sensor Input
- "Plug-N-Play" Upgrade to **iCentral™**
- 5 year Limited Warranty
- All Models are  

Options:

- iCentral Internet Card for Instant **iCentral** Compatibility
- "EG-T" Heavy Duty Lightning/Surge Protection
- Stainless Steel Enclosures & Pedestals
- Flow Sensor
- Permanent Mount Remote (ProMax)



iCentral with Eagle-i Features:

- Multi-Level Scheduler Options Maximize Water Savings
- ET Calculations Based Upon Irrigation Association Accepted Standards
- ET Scheduling Utilizes Industry Accepted Water Budget Methodology
- 24/7 365 days ET Synchronization
- Automated System Alerts via Email or Cell Phone Messaging
- Secured Wireless Two-Way Communication
- Flow Reports, Daily ET Information, Built-In Performance Tools
- Automatic or Manual Rain Shut Off Alerts
- Automatic Field Wire Fault Protection and Detection
- Automatic Flow Fault Alerts
- No Central Software required

ET Weather Center WSII

For the ultimate in exact, on-sight irrigation control, the ET Weather Center (WSII) is designed to operate with all Rain Master ET enabled controllers. WSII provides "real-time" onsite EvapoTranspiration (ET) data and includes rainfall detection. Utilizing the technology of Rain Master's WSII Weather Center for your irrigation requirements truly brings *the utmost Intelligence to the Smart controller.....*



***Visionary solutions
to water
management
thru technology***