Europe Advantage

Water Treatment Equipment for Europe

Company Profile

Advantage Europe, founded in 2023 as the European Headquarters for Advantage Controls, aims to provide the quality Water Treatment Controllers and sensors from Advantage Controls together with all the necessary accessories and expertise to the European Water Treatment Market.

Advantage Controls is producing controllers, sensors, dosing pumps and accessories for more than 30 years and are at the top of the Water Treatment Market in the United States. With Advantage Europe, we provide these products to the European Market.

Our founders, Jeroen and Yorben, have lots of experience in the Water Treatment Market. Hence, we ensure that Advantage Europe will provide the correct solution for our customers together with the best support from our team.

All our products are shipped across Europe from our main office and warehouse located in Belgium. All prefab systems and panels are assembled in our workshop which ensures we can provide tailor-made solutions.

Europe Advantage

Product Line

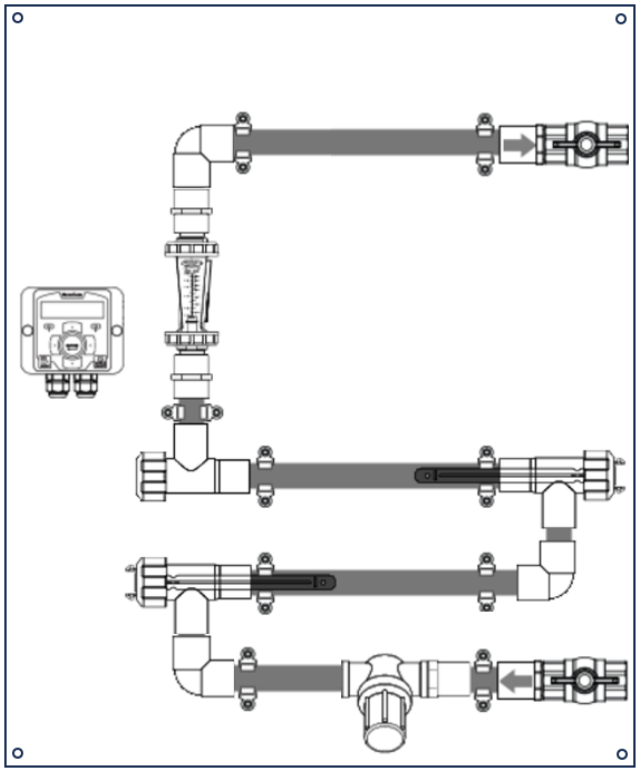
INDEX

- **Controllers**
  - Nanotron
  - Megatron XS
  - Megatron MT
- **Advantage Controls Sensors**
- **Speciality Sensors**
- **MicroLinx Dosing Pumps**
- **Accessories**
- **Speciality Sensors**
- **Prefabs and Corrosion Racks**
- **WebAdvantage3**

Nanotron

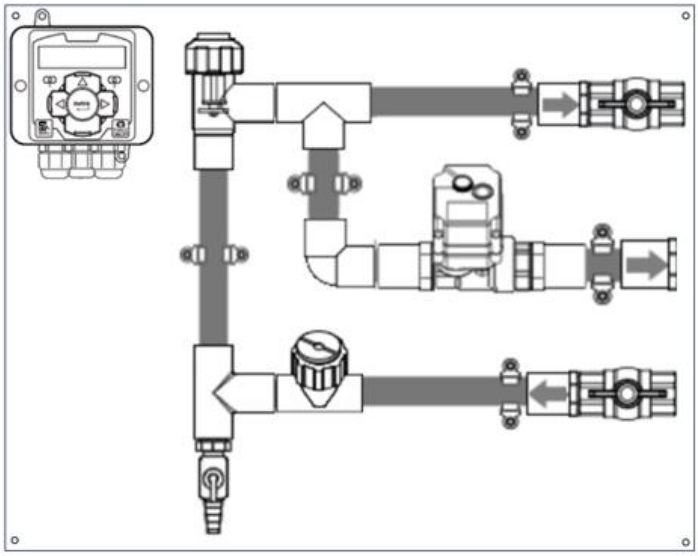
- 1 Sensor input
- Conductivity, pH, ORP, mA input (any universal sensor), selectable feed timers & Corrosion
- Economical price & compact design
- 4-20mA output option
- 2 relays outputs
- Pre-fab & prewired configurations available

Prefab examples:



NanoTron with LPR Corrosion Measurement and 4-20mA Output.

Build together on a prefab panel with: ball valves, strainer, 2 corrosion coupons and a flow indicator.



NanoTron with Conductivity Measurement that controls the Bleed Valve and the Biocide Dosing Pump.

Build together on a prefab panel with: ball valves, sample valve, float switch and a motorized bleed valve.

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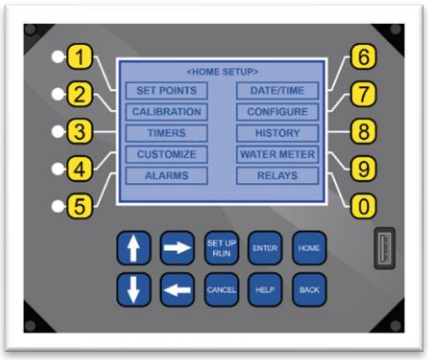
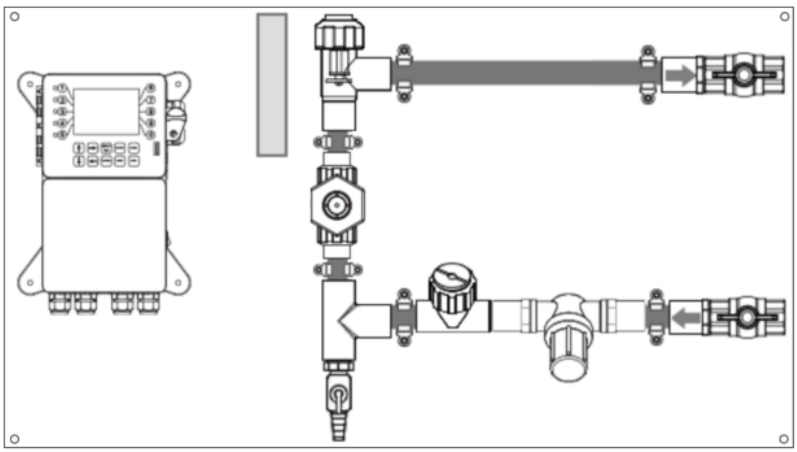
Megatron XS

- User friendly ATM style menu
- 4 direct sensors
  (Conductivity, Make-up conductivity, pH & ORP)
- Optional 8 analog inputs (4-20mA)
- Optional 4 analog outputs (4-20mA)
- 8 digital inputs
  (2 water meters, 1 flow switch & 5 additional digital inputs)
- 5 powered/dry relays
- Optional 4 auxiliary flow meter inputs
- Optional Ethernet connection / with or without Wi-Fi
- Optional Modbus or Bacnet connection
- USB history access & cloning
- On-screen history & graphing
- Notepad for calculation and value storage



Prefab Examples:



MegaTron XS with Conductivity and PTSA Measurement that controls the bleed valve, biocide and inhibitor dosing pump.

Build together on a prefab panel with: ball valves, strainer, sample valve and float switch.

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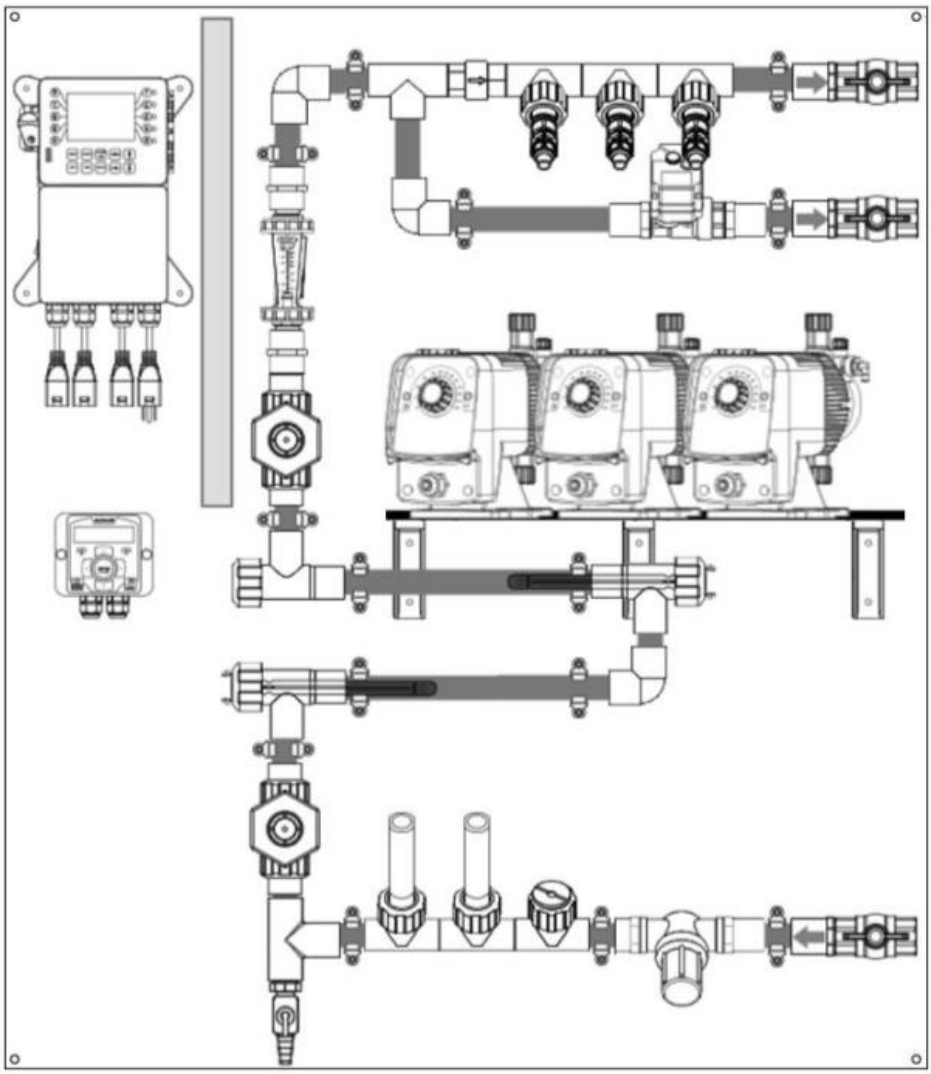

MegaTron XS with: Conductivity, pH, ORP, PTSA, Tagged Polymer, Turbidity and LPR Corrosion Measurement that controls 5 Outputrelais and 4 Analog (4-20mA) Outputs with internetcommunications and ModBus.

Build together on a prefab panel with: ball valves, strainer, sample valve, 2 corrosion coupons, flow indicator with switch, motorized bleed valve and 3 injection points with a check valve.

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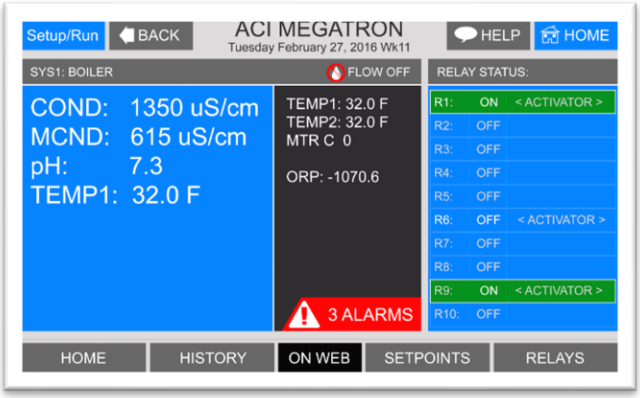
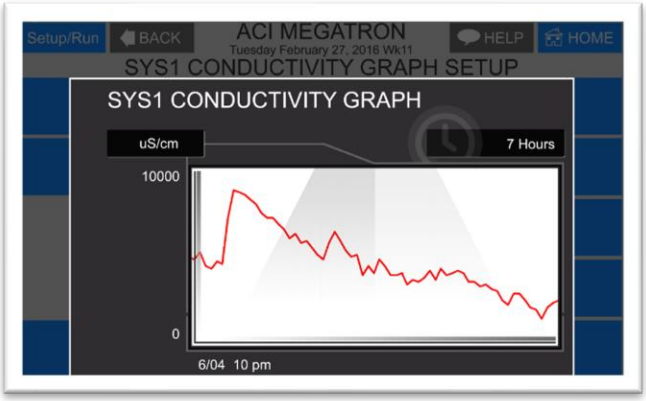
Megatron MT

- Large 7” color touchscreen
- Up to 4 individual system cards
- 4 direct sensors for each system card
  (Conductivity, Make-up conductivity, pH & ORP)
- Optional 16 analog inputs (4-20mA)
- Optional 8 analog outputs (4-20mA)
- 8 digital inputs for each system card
  (2 water meters, 1 flow switch & 5 additional digital inputs)
- 20 powered/dry relays max.
- Optional 10 auxiliary flow meter inputs
- Internet communication with Wi-Fi as standard
- Optional Modbus or Bacnet connection
- Optional 24 VDC power supply
- USB history access & cloning
- On-screen history & graphing
- Notepad for calculation and value storage





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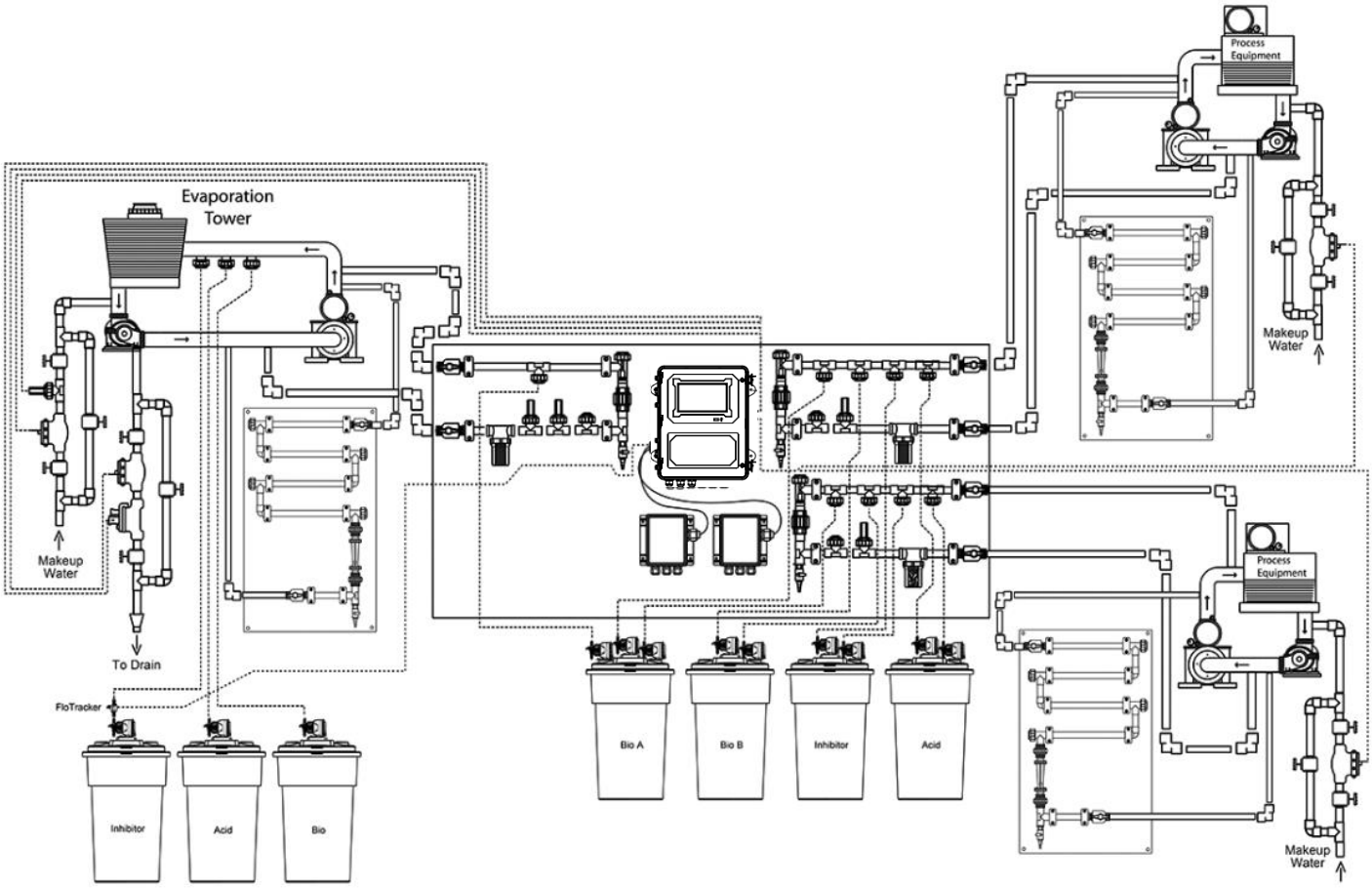
Prefab examples:



MegaTron MT can handle up to 4 systems:
4x Conductivity
4x Make-Up Conductivity
4x pH
4x ORP
8x Temperature
4x Float switches inputs
6x Water meter inputs
20x Additional dry inputs

Up to 16x analog inputs (for PTSA, Tagged Polymer, Turbidity, DO, Disinfection sensors, Level Sensors,..)
And/ Or (depending):
8x analog outputs

20x Relais outputs

Internet and Modbus

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Advantage Controls Sensors

- Conductivity, pH & ORP

- Specifically for boiler, insertion, compression fitting …

- Flow switch manifolds

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Speciality Sensors

- Smart sensors
- Direct 4-20mA or modbus (no transmitter)
- Inline probes for measuring water quality
- Handheld devices
- Level measurement
- Can be integrated into our custom panels

- **STA-500** PTSA measurement (color & turbidity compensated)
- **STA-600** inline disinfection measures concentration of Bleach or ClO2 in % range (for pulp&paper industry, control of chlorine dioxide generators,…)
- **CR series** LPR corrosion rate sensor for general & localized corrosion. (3 types: portable version, low temperature & high temperature)
- **STA-Oxidizers** inline pH + free chlorine / ClO2 / Bromine / Sulfite / Ozone
- **STA-730** inline turbidity (different ranges available)
- **STA-772** inline dissolved oxygen
- **STA-1S3** Biofilm measurement

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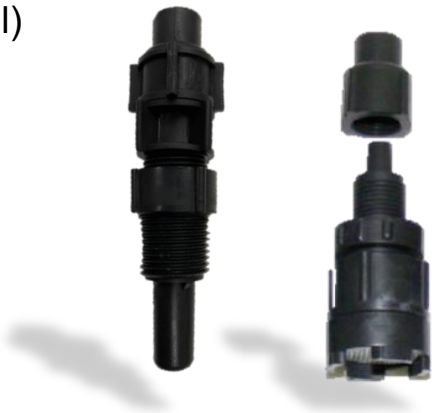
MicroLinx Dosing Pumps

- Double ball valve
- Standard PVDF head with PTFE seals
- Series L = Digital / Wi-Fi control
- Series M = Manual knob (on-off control)
- Accessories included:
  - Injection Valve PVDF
  - Foot Valve with weight PVDF
  - Tubing
  - Signal Cable



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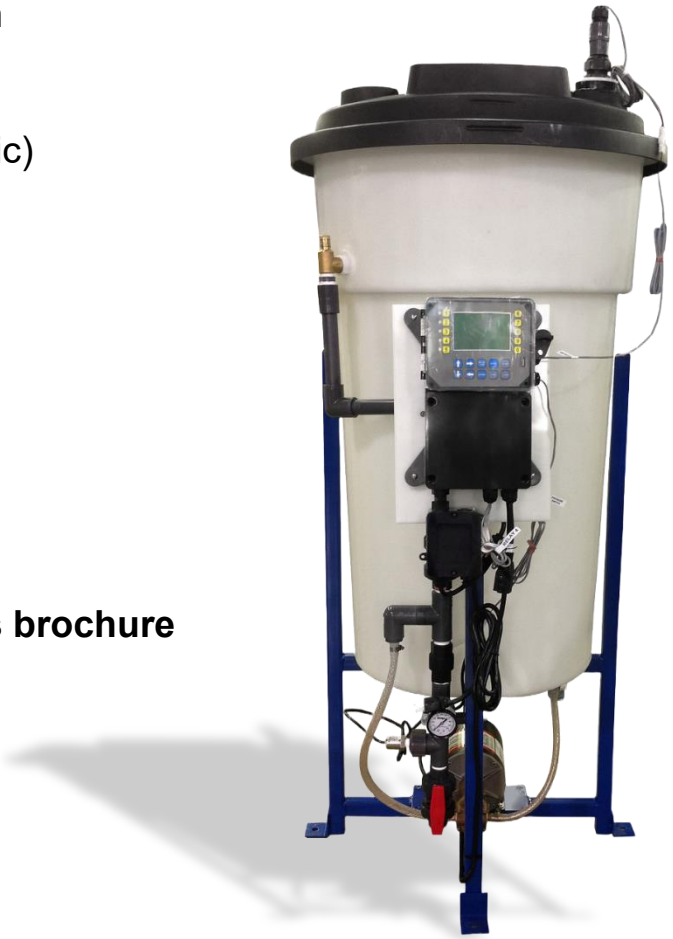
Accessories

- To complete any cooling water, boiler water, pre-treatment control or chemical injection application
- Water meters
- Level sensors (radar & ultrasonic)
- Bleed off valves
- Glycol feed systems
- Solid feeders
- Pump accessories
- Corrosion Coupons
- …

Check our separate Accessories brochure



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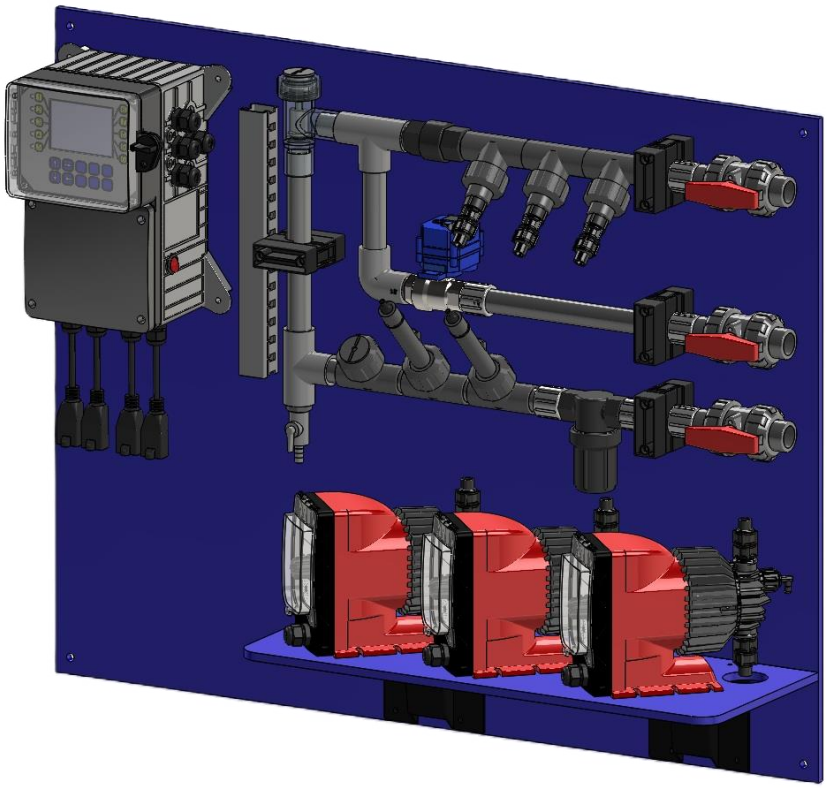
Prefabs and Corrosion Racks



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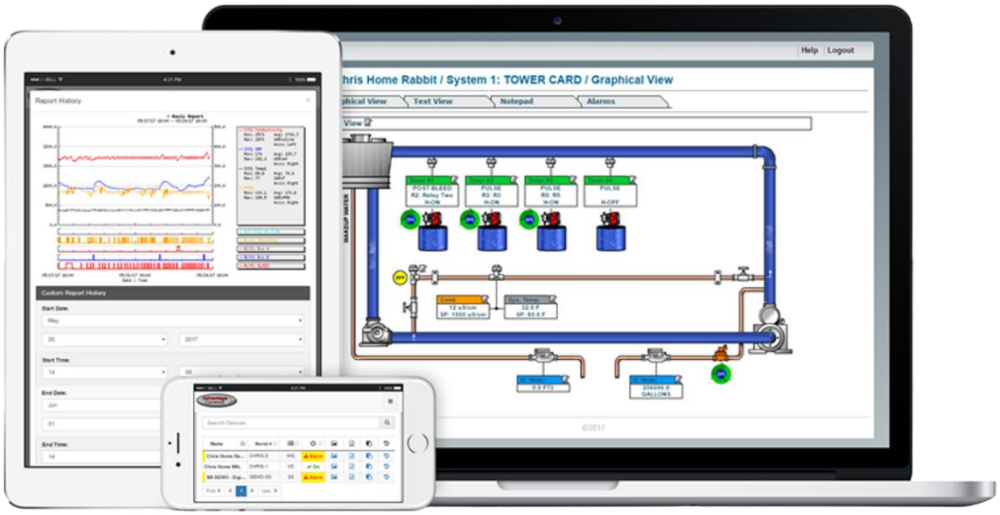
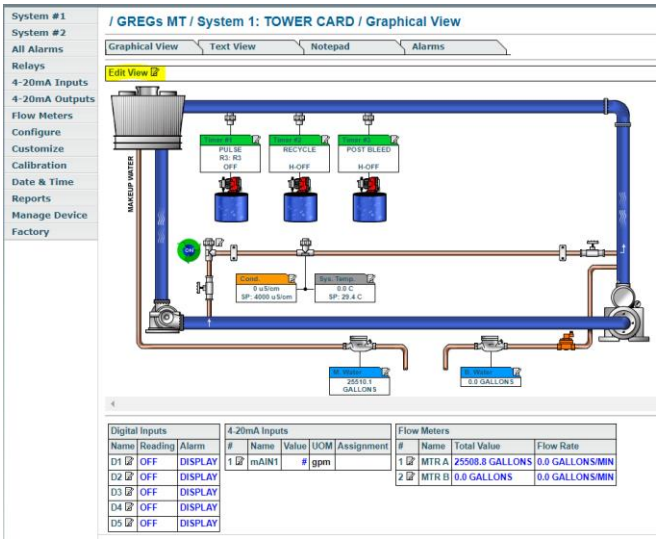
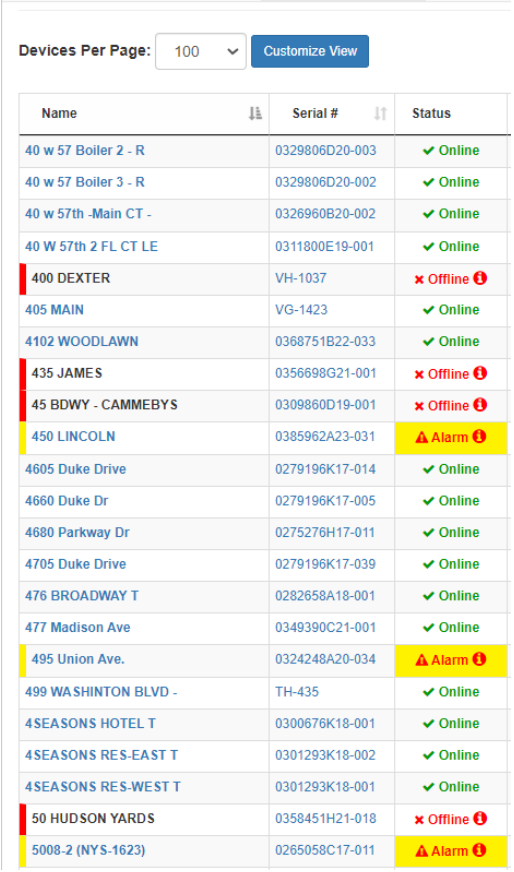
WebAdvantage3

- Online monitoring







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