

WebZONE™

Replaces Barber-Colman's and
Invensys's MICROZONE II®



Automated Logic's WebZONE makes replacement of Barber-Colman's and Invensys's MICROZONE II controller simple! Existing control enclosures, sensors and wiring are retained, minimizing your upgrade cost.

WebZONE is designed to free owners and facilities managers from the proprietary technology and expensive maintenance associated with this older system. Integration to your preferred control vendor is made easy with native BACnet® communications.

Key Features and Benefits

- Directly replaces Barber-Colman's MICROZONE II CPU board inside the existing control enclosure.
- Directly replaces Invensys's IA MNL-800 CPU board inside the existing control enclosure.
- Uses BACnet communications (either MS/TP or ARCNET 156 Kbps) over twisted pair for interoperability with third party systems.
- Simple installation using existing sensors, wiring and control enclosure.
- Uses EIKON®-LogicBuilder graphical programming for universally understood and self documenting control sequences, eliminating the specialized programming skills required for the original MICROZONE II controller.
- Upgraded system may easily be expanded using additional control modules.
- Uses a high-speed 16-bit microprocessor with 1 MByte Flash memory and 1 MByte of RAM for unparalleled programmability. Firmware upgrades can be downloaded remotely – no chip replacement necessary.
- Rnet port supports optional replacement of room sensors to Automated Logic's advanced RS room sensors and BACview® local operator interface, and provides local access to the system.
- Fully compatible with Automated Logic's WebCTRL® building automation system. Get the flexibility of a web-based control system and the most powerful user interface on the market for a minimal hardware investment.

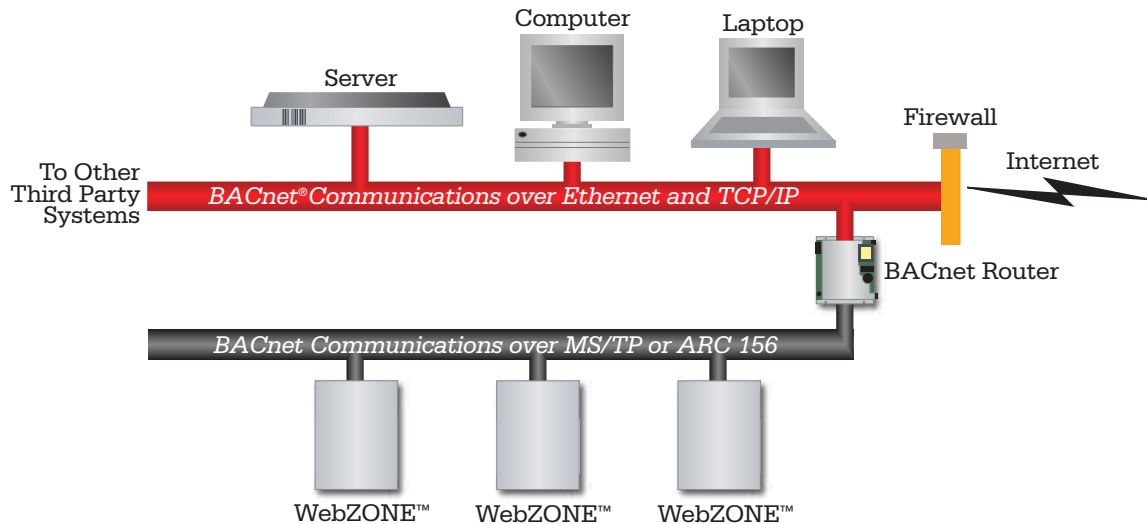
WebZONE offers a simple, cost effective and powerful alternative to total replacement of existing Barber-Colman's or Invensys's MICROZONE II series panels. WebZONE's replacement CPU board simply slides in the MICROZONE II control enclosure, replacing the existing proprietary technology. Contact your local Automated Logic Systems and Service Provider to learn more about transforming your MICROZONE II into WebCTRL.



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Specifications



BIBB Support:	Supports BACnet Interoperability Building Blocks (BIBBs) from the following groups: Data Sharing, Alarm and Event Management, Scheduling, Trending, and Device and Network Management.
Communication:	The following ports are available on the WebZONE boards: EIA-485 port for ARCNET 156 Kbps or MS/TP (9600 bps – 76.8 Kbps), dependent on existing network communication wiring. Local access port for system start-up and troubleshooting. Rnet port for RS room sensors. The Rnet port supports up to four RS sensors and one RS Pro sensor for averaging or high/low select control. Rnet port can also support a local operator interface (BACview®).
Input/Outputs:	Uses existing MICROZONE I/O configuration, boards and terminations. Supports all originally installed sensors including BALCO, Platinum 1000 Ohm, Thermistor Type III, 4-20mA, 0-10V. NOTE: For expanded functionality use Automated Logic's RS room sensors which can be attached to existing wiring.
Microprocessor:	High speed 16-bit microprocessor with ARCNET communication co-processor.
Memory:	1 MByte non-volatile battery-backed RAM, 1 MByte Flash memory, 16-bit memory bus. (Shelf life of the battery is 10 years with 10,000 hours of continuous operation.)
Status Indicators:	LED status indicators for EIA-232/485 communication, running, error and power.
Module Addressing:	Rotary dip switches for intuitive network addressing of modules.
Protection:	Built in surge and transient protection circuitry for power and communications.
Listed by:	UL916 (Canadian Std C22.2 No. 205-M1983), CE, FCC Part 15 – Subpart B – Class A as a component
Environmental Operating Range:	0°F to 130°F (-17.8°C to 54.4°C); 10 -90% relative humidity, non-condensing.
Power Requirements:	24V-ac ± 10%, 50-60Hz, 9.6VA (uses existing control panel power supply).
Physical:	Upgrades Barber-Colman's MICROZONE II or Invensys's IA MNL-800 series CPU proprietary communications boards (Replaces Invensys's Part# MZ2A-102 or MNL-800-101 CPU boards).