

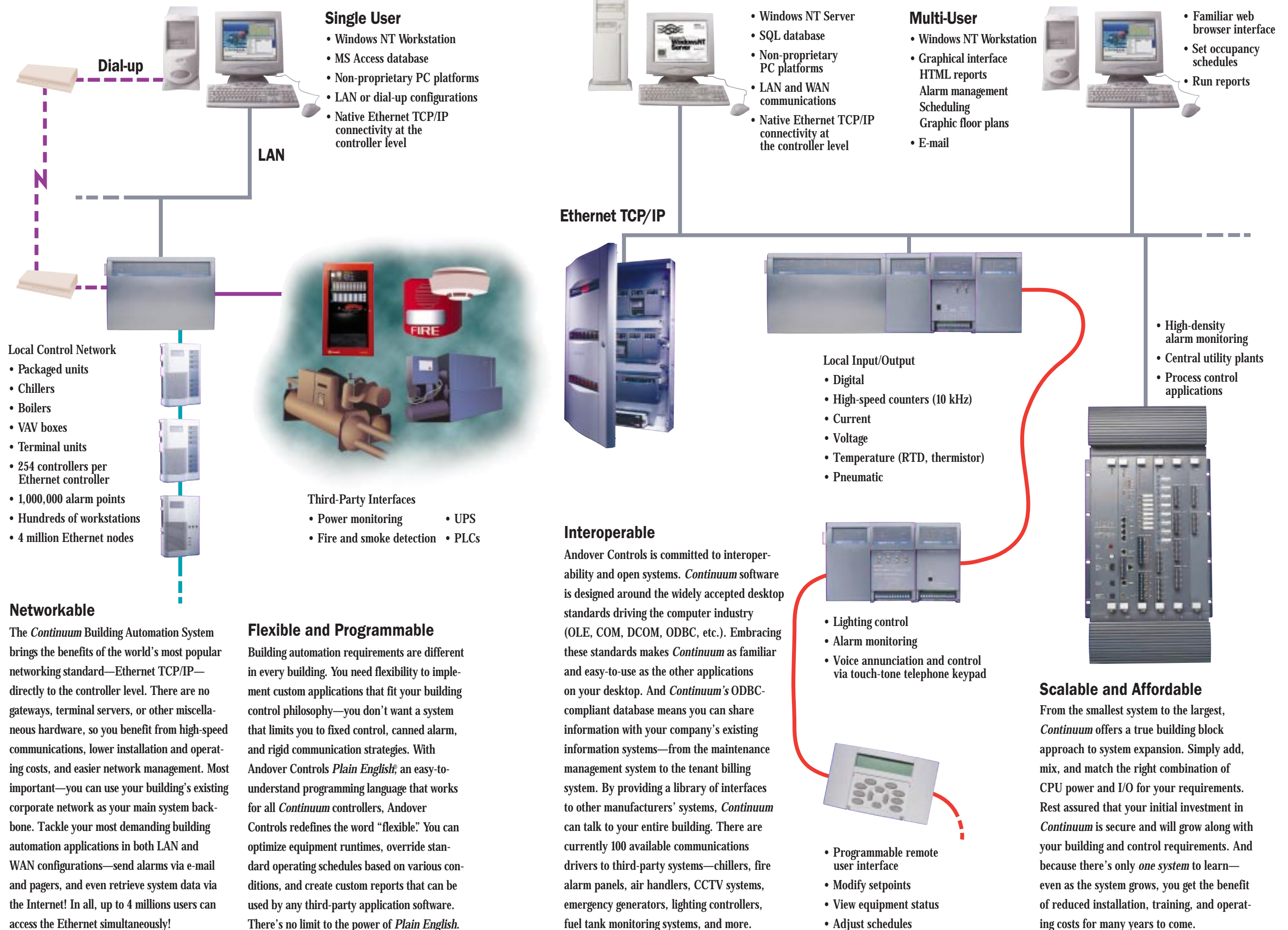
Building Automation Without Limits

The *Continuum*™ Building Automation System is not just a new product, but a totally new approach to managing your building—your way. Fully programmable, completely flexible, and incredibly easy to use! *Continuum* features a totally modular plug-and-play design, a powerful 32-bit CPU with FLASH memory, and a Windows NT front-end workstation—all *directly* connected to your high-speed Ethernet network. And of course, *Continuum* is backward-compatible to *Infinity*, our highly successful building automation system currently installed in over 40,000 facilities worldwide.

From the smallest system to the largest; from a single unit ventilator to a central utilities plant—*Continuum* is designed to meet the demands of any facility with:

- Powerful networking capabilities
- Unmatched flexibility and programmability
- Interoperability with your existing systems and support for “open systems”
- Scalability, so your initial investment can grow with your building’s needs

The state-of-the-art in Building Automation has changed.



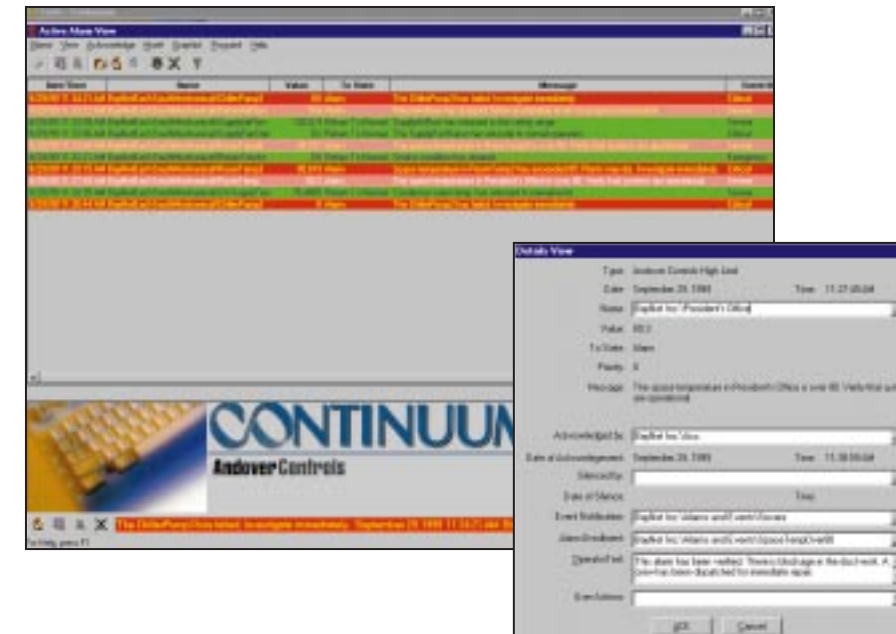
Continuum™ CyberStation™— The Most Powerful Window in Your Building

The Continuum CyberStation front-end is the focal point for running your building. From a single Continuum workstation, you can centrally manage as *one seamless* system the vast amounts of information your building generates each day. And it's so easy to use. Continuum presents information to the operator using a graphical menu system and dynamic color graphic screens to paint a picture of conditions throughout your facility. View and acknowledge alarms, monitor building systems, turn lighting and equipment on and off, run reports, modify schedules and setpoints, and more.

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Graphic Display System

- Import any common background file
- Extensive library of built-in controls
- Add live animations to show damper operation, point status, fan motor control, fuel levels, etc.
- Easily configurable menus with web-like hotspots
- Link video files and documents to assist on maintenance tasks

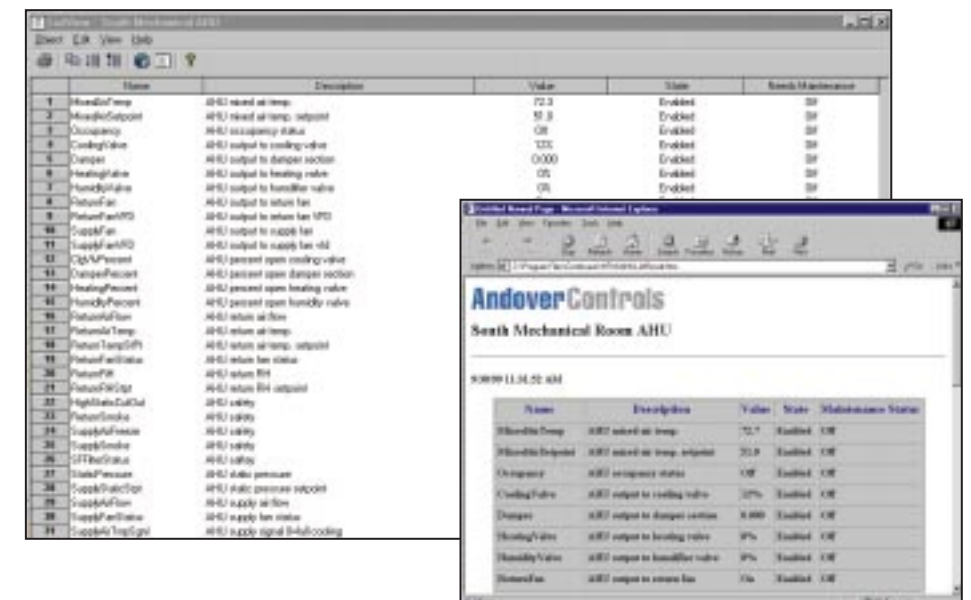


Schedules

- Easy to create and simple to modify
- Standard and user-defined day types
- Tabs “zoom-in” from yearly to monthly, weekly, or daily
- Use schedules for any time-based strategy:
 - Lighting control
 - Alarm routing
 - Elevator control
 - Report printing
 - Equipment start/stop
- Calendar through the year 2100

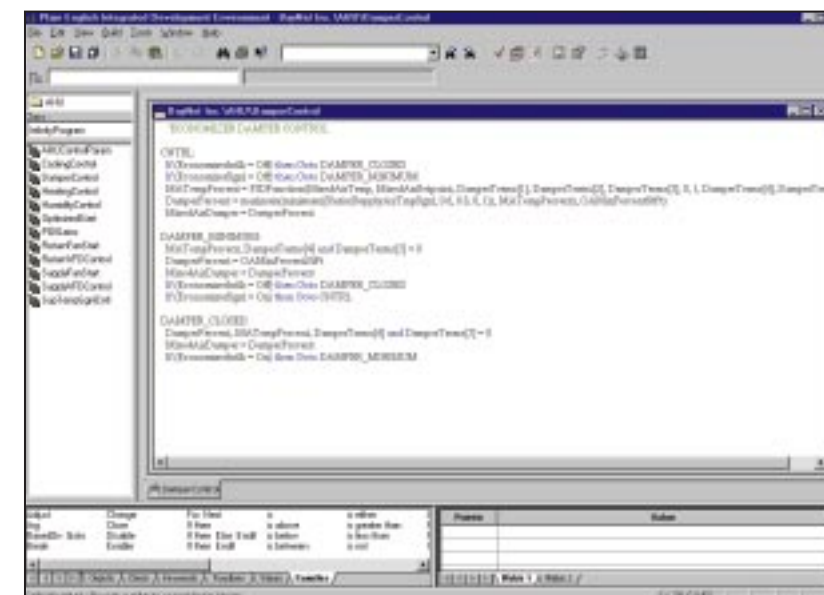
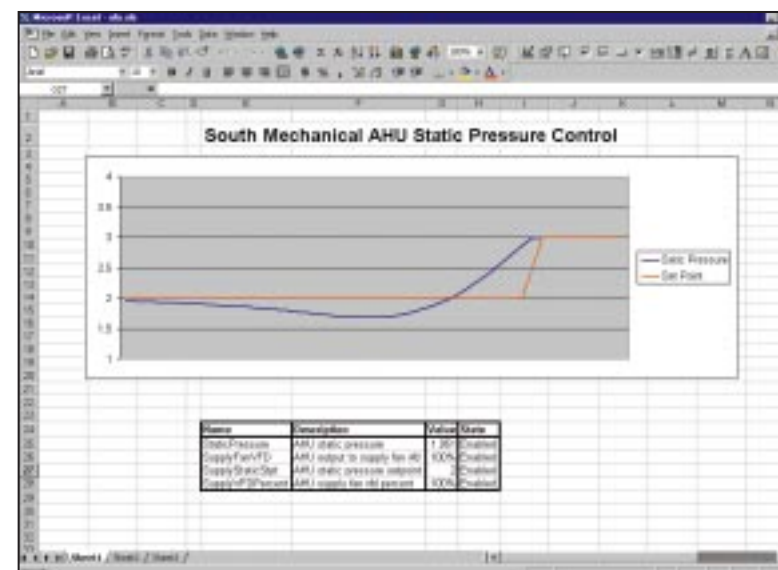
ListViews and Custom Report Generation

- ListViews—easy to set up, pull up, and read
- Use for any type of object—inputs, outputs, events
- User-defined columns, filtering criteria, sort order, fonts, colors
- Optional prompts for user input
- Generate custom reports using *Plain English* or SQL queries
- Total control of output format
- Interface with maintenance management systems, data archiving programs, etc
- Can output reports in HTML web format



OLE Interface

- Drop pre-built OCX control on third-party spreadsheet
- Graph logged data
- Display dynamic lists from CyberStation database
- Display live data at any location in the workbook
- Allow point changes directly from third-party package using security that overlays CyberStation user security



Plain English Integrated Development Environment (IDE)

- Powerful *Plain English* application language
- Color-enhanced, graphical environment makes creating, editing programs simple
- IDE “Assistant” eliminates typing of keywords, point names, and paths
- Provides flexibility to address custom building automation applications such as load shedding, demand limiting, occupancy-based lighting control, setpoint reset, equipment optimization, etc.

Continuum™ Building Automation Modules— Redefining Flexibility

Continuum hardware—sleek, modular, and designed for DIN rail or panel mounting. The Continuum NetController CPU, power supply, and numerous I/O modules are all individual modules, each enclosed in a compact, lightweight casing. Standard connectors on the left and right sides of each module snap together to carry power and communications signals from one module to the next. Installation couldn't be easier!

All Continuum modules can also be mounted in an optional seven-inch deep NEMA 1-style enclosure. For added flexibility and convenience in applications such as lighting control, central plant control, or MCC panels, a single module or groups of modules can be remotely located and powered from a local 24 VDC power supply—full networking support is built in.

Continuum provides a complete set of input, output, and special application modules to meet any building's automation needs. With the Continuum system, as your BAS network grows, simply add or replace I/O modules as needed. Your original investment is always preserved.

The state-of-the-art in Building Automation has changed.

Module Features

- Built-in signal conditioning—saves valuable field installation time and money
- Status indicators—provide easy viewing
- 3-position, flip-up front cover—hands-free access
- Removable input and output connectors—easy maintenance
- Push-button commission switch—eliminates DIP switches

The AO-4-8 provides full analog control with 8 bit resolution. It can be applied to any device, from valves to drives, that accepts a 0–10 V or 0–20 mA signal. Full override capability is available permitting emergency manual operation over the full range of the device.



Use the UI-8 to monitor any analog signal required—temperature, humidity, flow, etc. The UI-8 also provides supervised inputs that can deliver a separate indication of alarm and trouble conditions.



The NetController CPU brings the power and benefits of Ethernet TCP/IP networking directly to the controller level. Four programmable communication ports provide third-party communications to fire systems, fume hoods, paging systems, factory mounted controls on chillers, boilers, air handlers, VFDs, etc.



Use the DO-4 (or one of our other output modules) to control any digital device—fans, pumps, fire dampers, etc. Groups of DO-4s can be combined for complete control of multi-cell cooling towers or other devices that might require local staging.



Other Family Members

- DI-8 8 digital or counter inputs
- DI-6-AC 6 high-voltage digital inputs
- DO-6-TR 6 triac digital outputs
- DM-20 20 digital inputs/outputs
- AC-1 1 card reader input;
3 supervised alarm inputs;
2 form C relay door outputs

Continuum System Certifications

- UL 864
- UL 1076
- FCC
- UL/CUL 916
- UL 294
- CE

The VT-1 provides you easy-to-use, voice-prompted data entry capabilities for the Continuum control system using your familiar telephone keypad. Perfect solution for tenant override control.



The LO-2 permits the control of 2 high-voltage lighting circuits. Control can be accomplished based upon time schedule alone, or in conjunction with a photocell. Momentary overrides can allow unscheduled operation while relay status feedback will indicate true operating position.

