

BACpac[®] Portal

***A BACnet[®] compatible,
NIST^{*}-tested gateway
to Simplex[®] 4020, 4100,
4100U and 4120 fire
alarm systems***

**When you need
the world, the
BACpac Portal from
SimplexGrinnell
opens it up to you.**

In today's open systems world, it's simple to travel beyond the limitations of proprietary building management systems. By using the Simplex BACpac Portal from SimplexGrinnell, you can choose the fire alarm system that's best for your needs and still retain all the benefits of your building management network.

The first BACnet-connectivity product for fire alarm systems, the BACpac Portal connects your SimplexGrinnell[™] fire alarm system to your existing building automation control network. Because it conforms to the national standard for interoperability of building automation devices, the BACpac Portal eliminates

the need for high-priced proprietary interfaces. At the same workstation that controls other building systems, your operators are able to get the information they need to effectively manage HVAC, security and other building systems.

And because the BACpac Portal is a read-only information conduit, it shares information while protecting the operational security and integrity of the fire alarm system.

That's a world-class solution.



BACpac Portal
a world-class
solution

Package Includes

- Self-contained, pre-programmed BACpac Portal
- BACnet Protocol Implementation Conformance Statement (PICS)
- User manual

4190-9008, BACpac Portal Specs

- BACnet Conformance Class 3, ANSI/ASHRAE standard 135-1995
- Data input: RS-232 serial connection from the fire alarm panel
- Data output: RS-232 Point-to-Point BACnet protocol connection
- Allows capabilities for up to 600 fire panel point status changes to be viewed by BACnet devices
- Power supply: 110-120 volts/50-60 Hz
- Physical dimensions: 12.4" x 12.3" x 4.1"
- Relative humidity: 10%-95% non-condensing
- Operating temperature: 32-113°F

SimplexGrinnell Fire Panel Requirements

- Compatible with Simplex 4020, 4100, 4100U, 4120 series fire alarm control panels and 4120 NPU (software revision updating may be required)
- Software revision level 7.03 or higher (4120 interface card firmware revision 3.02 or higher)
- Dedicated RS-232 port

* The National Institute of Standards and Technology has organized a consortium to test products for BACnet compatibility.

Building Management Network Requirements

- Complies with the ANSI/ASHRAE Standard 135-1995, RS-232 Point-to-Point BACnet protocol

Smooth sailing with open systems architecture and the best fire alarms panels available

- **Compatible**
The BACpac Portal gives you access to SimplexGrinnell fire alarm systems via any BACnet-compatible building management network. So you can choose the SimplexGrinnell fire alarm system that suits you best, unconstrained by compatibility problems.
- **Informative**
You get detailed fire alarm system information in the format you need, where you need it — right at the network workstation. Fire alarm system data can be easily sent to your HVAC system for smoke management, to security for follow up, or to off-site monitors. Primary fire alarm response remains under the control of the fire alarm panel.
- **Secure**
Read-only information-sharing capability prevents unauthorized access and protects the security of your fire alarm system.
- **Scalable**
Because the BACpac Portal permits other building systems to access fire system data, it's ideal for multi-building facilities and remote building managers. The forward-looking open systems design makes it easy to expand and upgrade systems.

- **Economical**

Interoperability helps you save on installation, maintenance and operator training. There is no need to develop special drivers or interfaces.

- **Flexible**

The industry-standard design lets you accommodate changing needs with ease.

- **Simple**

Your BACpac Portal comes pre-programmed. The compact, self-contained BACpac panel is easily mounted near your existing SimplexGrinnell fire alarm panel and is easy to connect to your BACnet-compatible building management network. So you save on installation and maintenance costs.

- **Reliable**

The BACpac Portal has been thoroughly tested, both at NIST facilities and at SimplexGrinnell's own testing center. And, of course, the BACpac Portal comes with SimplexGrinnell's strong commitment to customer satisfaction.

- **Leading edge**

SimplexGrinnell actively participates in the ASHRAE BACnet Standards Committee, so the BACpac Portal incorporates the most current thinking in open systems building management.

To learn more about SimplexGrinnell's building management and fire alarm systems, call 1-800-746-7539 or visit our web site at www.simplexgrinnell.com

**PROTECTING PEOPLE,
PROPERTY AND
PEACE OF MIND**

tyco

**Fire &
Security**

SimplexGrinnell

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