



Argus BACnet Compliance

"BACnet, the ASHRAE building automation and control networking protocol, has been designed specifically to meet the communication needs of building automation and control systems for applications such as heating, ventilating, and air-conditioning control, lighting control, access control, and fire detection systems. The BACnet protocol provides mechanisms by which computerized equipment of arbitrary function may exchange information, regardless of the particular building service it performs. As a result, the BACnet protocol may be used by head-end computers, general-purpose direct digital controllers, and application specific or unitary controllers with equal effect." – Forward to ANSI/ASHRAE standard SPC-135/2001

Argus control systems offer BACnet over Ethernet provisions for BACnet clients compatible with the ANSI/ASHRAE standard SPC-135/2001. Any BACnet client (e.g. BACnet compatible building controls system) residing on a BACnet inter-network using the ISO8802-3 (Ethernet) physical/data link layer protocol is capable of accessing Argus Control system data via the IP protocols described in Annex-J of ANSI/ASHRAE standard SPC-135/2001.

Read Access

Argus provides Class 3 compliance with BACnet read (initiate) services as defined in ANSI/ASHRAE Standard 135-2001 clause 15.5, permitting read-only access to Argus control data from any BACnet client.

Write Access

Due to our enhanced security model, **Argus does do not allow write (execute) services** as defined in clause 15.9. as doing so could comprise the integrity of our control data. However, our proprietary operator software permits simultaneous multi-user system access using the ISO8802-3 (Ethernet) physical/data link layer protocol. Therefore, simply running our client operator software simultaneously from any BACnet client location will enable full password managed read and write access to all control parameters in the full context of the controlled applications. All Argus clients have secured system access, access to extensive online help documentation, and the ability to customize the user interface via the addition of background graphics, windows, text, line drawings, and shortcuts.

Telephone:	(604) 538-3531 or (604) 536-9100
Toll Free Sales:	(800) 667-2090 (North America)
Toll Free Service:	(888) 667-2091 (North America)
Fax:	(604) 538-4728
E-mail:	argus@arguscontrols.com
Web Site:	www.arguscontrols.com

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