

10 Reasons to use the S4 Open : BACnet-N2 Router

1. The N2 Router supports any N2 device that you will find on a N2 bus including N2 Open, VMA, Vendor Devices, Metasys Integrator, and Centaurus Integrator; direct Read, Write, Override, and Release transactions for any point limited only by the programming in the N2 device.
2. The Upstream Interface enables the co-existence with the Metasys® head end. This is a key feature in cases where minimal (or zero!) down time is mandated.
3. Auto discovery and configure wizard, facilitated by our robust library of Device Type Templates which predefine point mapping for each Metasys® device and application (custom templates can also be generated from Metasys® resource files) – all minimize the man hours required to integrate your N2 devices to BACnet.
4. Use all of the features of HVAC Pro and GX-9100, including uploading and downloading devices. The N2 Router can provide a replacement for the Metasys® “Passthrough” option for the configuration and commissioning utilities (in development).
5. In buildings with older, and potentially less reliable, N2 devices, the BACnet-N2 Router automatically resets N2 devices when multiple retries of an operation fail; it also logs the number of times that this action is taken.
6. The N2 Router products expose all N2 device points to the new head end, even those that JCI doesn't normally expose to their operator workstation, such as tuning parameters.
7. The N2 Router products work independently of any database, priority, or security settings in the Metasys® supervisory controller.
8. The N2 Router products establish a very cost effective gateway to BACnet IP in the short term, quickly adding value and extending the life of legacy systems. Facilitates the migration away from Metasys® N2 devices in the longer term.
9. The N2 Router can force the N2 data stream from legacy Metasys® supervisory controllers (NCM, for instance) to participate in the BACnet priority array mechanism, giving the integrator complete control over which head end is commanding each point. No other product has this “supervisory controller as a BACnet client” capability.
10. Publish each N2 device as its own BACnet device within a virtual BACnet network.