



# S4 Open Appliances

Cost effective migration from Metasys<sup>®</sup> N2 to BACnet

# Cost Effective Solutions

upfront migration costs can be reduced by 90%

On day one...

- Achieve BACnet compatibility
- Spread out the cost and impact of upgrading systems over multiple phases
- Introduce value-added applications and services

Minimize, avoid, or defer costs associated with

- Demolition
- New Field Bus Installation
- New Field Devices
- New Mechanical Systems
- Programming Field Devices
- Commissioning
- Construction

# Gateway Appliances

enhance and extend the useful life of legacy systems

- Bring comprehensive control of existing legacy Building Automation Systems into BACnet
- Seamless BACnet IP integration with N2 networks
- Cutover to new head end on a point-by-point basis
- Facilitates the phased repair or replacement of highest risk N2 field gear or mechanical systems

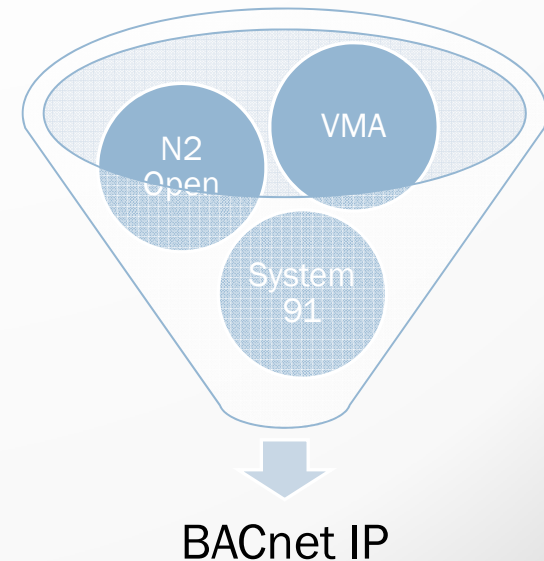


# Freedom & Flexibility

migration on your terms

## S4 Open: BACnet-N2 Router Features

- Configure Wizard discovers all field devices & publishes points to BACnet IP
- Bidirectional communication
- Device Type Template catalog defines point lists for all N2 devices
- BACnet OWS and controllers can co-exist with the legacy head end
- Metasys® head end can emulate a BACnet client
- Emulates the BACnet Priority Array for N2 points
- Supports override & release for N2 Open and VMA
- Emulates Metasys® Override & Release operations for DX-9100
- Compatible with any model of the Johnson Controls, Inc. supervisory controller





# Migration Strategies

## Salvage

Legacy N2 Field Devices

Manage new & existing equipment from one BACnet interface

## Address

Legacy Supervisory Controller

Co-exist with new head end, or  
Migrate schedules, trends, global variables, and  
custom logic to BACnet global controller

## Phase Out

Legacy N2 Field Devices

Plan strategic replacement of legacy  
equipment with BACnet controllers over a  
period of years



# Proven Solutions

## Downloadable Case Studies:

### [The Jackson Federal Building in Seattle, Washington](#)

Project includes smoke control applications

### [The Salvation Army Western Territory Headquarters](#)

A BACnet Success Story

### [Louisiana School District Migration](#)

with S4 Open: OPC-N2 Routers

Additional case studies are available [here](#)

# The S4 Advantage

- Migration to a pure BACnet environment
- Generate customer loyalty
- Low entry cost
- Flexible migration strategy
- Minimal impact on building occupants
- Minimal downtime
- Expanded market opportunities
- Competitive edge

# S4 Open Technology

seamless open systems integration solutions

For more information, please visit our website

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