

Systech

iNS/ and ixNS/3000 Series Network Servers

Factory Floor Networking

In today's factory and manufacturing operations, the desire for improving efficiency, productivity, quality control and inventory management drives automation investments.

Communication alternatives for the factory floor network that integrate a myriad of equipment, devices and systems into the corporate network can be key to realizing these operational improvements.

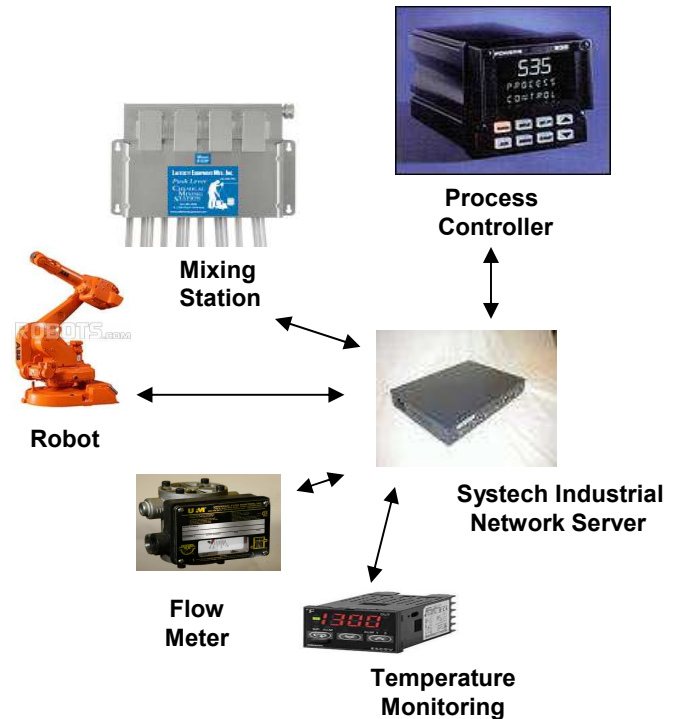
For these factory automation and networking environments, high-speed Ethernet networks can now match the costs of older, proprietary technologies. It can deliver the reliability and interactive Internet related technologies to enable

- ▶ corporate-wide sharing of information,
- ▶ predictable information for continuous process manufacturing needs, and
- ▶ access, management and control of remote devices through out the corporate network.

Factory conditions for enabling Ethernet vary widely. In a number of operating environments, conditions can be harsh. Networking equipment and systems must be able to withstand high levels of electrical noise, dust, dirt, humidity, extended media distances, 24/7 continuous operations and extended hot/cold temperature extremes.

As the leader in enabling serial-to-IP communications, Systech's iNS/ and ixNS/3000 network server family is designed to meet stringent operating requirements, and deliver the advantages of serial-to-IP and Ethernet communications.

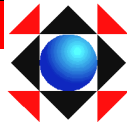
Contact your favorite supplier today, and accelerate your company's transition to the advantages of Ethernet throughout your corporate network... *from the shop floor to the boardroom!*



Systech's iNS/ and ixNS/3000 network server family is designed to enable serial-to-IP communications for systems, equipment and devices in factory and manufacturing operating environments. Developer API and custom application support is available to create custom value-add.

- ❖ **1,2 and 4 Port Serial Models**
 - DB9 Connector and
 - Removable Terminal Block per Port
- ❖ **Single Port or 4-Port Switch Ethernet Models**
- ❖ **No Changes to Applications**
- ❖ **Ruggedized Metal Enclosure**
 - IP40 Rating, two enclosure sizes
 - Multiple Mounting/Connection Options
- ❖ **Serial Port Isolation Protection**
- ❖ **Proven Networking Software**
 - NativeCom
 - Remote Device Monitoring
 - Web-Browser Installation/Diagnostics
 - Modbus/TCP to Modbus/RTU





Systech *iNS/* and *ixNS/3000*

Factory Automation Network Servers

Technical Specifications

Protocol Support

IPV4/IPV6 -TCP/IP, HTTP, Telnet, rTelnet, DHCP/BootP, LPD, Modbus

Software, Security, Remote Management

Software: Modbus Gateway, NativeCom, Remote Device Management

Web-Browser Remote Interface

SSL

Remote & Local Diagnostics

Hardware Interfaces

Ethernet – 10/100 Base –TX, single port or 4-port switch

Serial – DB9, RS232/422/485 software selectable;

Removable Screw Terminal Block per Port

Environmental

IP40 Rating

Two **enclosure** sizes: 1-2 port and 4 port

FCC, CSA, CE certified; RoHS compliant

Port Protection

- 15KV ESD surge protection
- 1.5KV isolation on all Ethernet ports
- 3KV magnetic isolation on all serial ports (*ixNS* models only)

Input Power Options

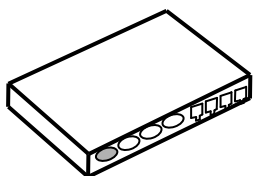
Systech Supplied

- External Universal AC Adapter, 90-264VAC
- Internal Universal AC Power Supply 85-264VAC (4 port models only)

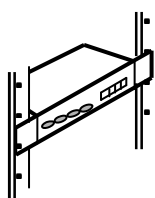
Customer Supplied

- Connect to Screw Terminal Connectors or 2.1mm Locking Connector, 5-59 VDC

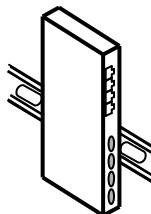
Mounting Options



Shelf Mount



Rack Mount Kit
(4 port models only)



DIN Rail Kit



Contact Systech Sales:

1-800-800-8970

sales@sysstech.com



Selected Models & Configurations

iNS/3000 Series - No Serial Port Isolation



iNS/3101

1 - 2 Port Enclosure

1 DB9 Serial Port/1
Terminal Block
1 Ethernet Port



iNS/3104

4 Port Enclosure

4 DB9 Serial Ports/4
Terminal Blocks
1 Ethernet Port



iNS/3204

4 Port Enclosure

4 DB9 Serial Ports/4
Terminal Blocks
4-Port Ethernet Switch

ixNS/3000 – With Serial Port Isolation



ixNS/3102

1 - 2 Port Enclosure

2 DB9 Serial Ports/2
Terminal Blocks
1 Ethernet Port



ixNS/3204

4 Port Enclosure

4 DB9 Serial Ports/4
Terminal Blocks
4-port Ethernet Switch