

Systech

iNS/ and ixNS/3000 Series Network Servers

Industrial Environment Networking

Integrating the equipment, devices and systems in industrial, production and other harsh operating environments into the corporate network can be key to realizing productivity and quality improvements, and controlling inventory and operating costs.

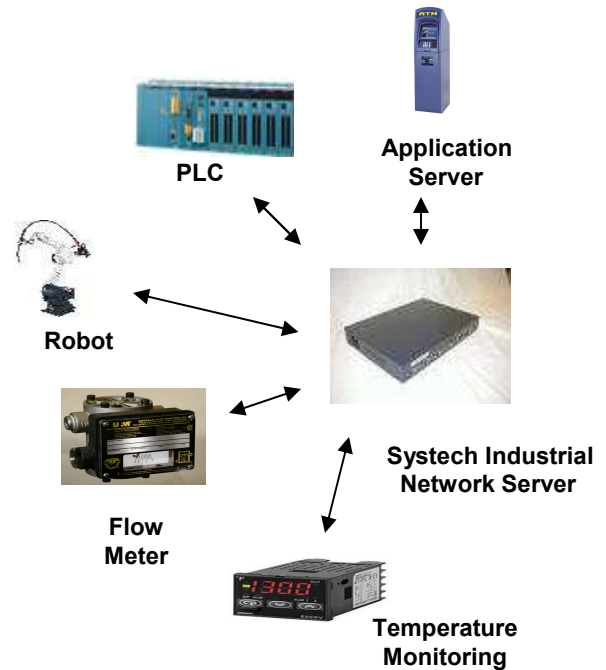
In these industrial-networking environments, high-speed Ethernet networks can now match the costs of older, proprietary technologies. It can deliver the reliability and interactive Internet related technologies to enable the

- ▶ corporate-wide sharing of information and
- ▶ access, management and control of remote devices through out the corporate network.

Conditions for enabling Ethernet in industrial environment networks 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 the stringent industrial environment operating requirements, and deliver the advantages of serial-to-IP and Ethernet communications.

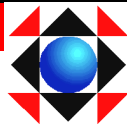
Contact your favorite supplier today, and accelerate your company's transition to the advantages of Ethernet throughout your corporate network... *from the shop floor to the boardroom!*



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

- ❖ **1,2 and 4 Serial Port 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*

Industrial Environment 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

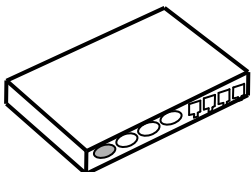
Environmental

IP40 Rating
Two **enclosure** sizes: 1-2 Port & 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)

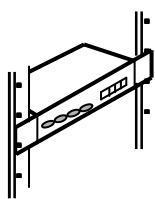
Input Power Options

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

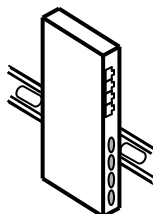
Mounting Options



Shelf Mount



Rack Mount Kit
(4 Port Models only)



DIN Rail Kit

Contact Systech Sales:

1-800-800-8970

sales@systech.com



Selected Models & Configurations

iNS/3000 Series - No Serial Port Isolation

	<i>iNS/3101</i>	1 DB9 Serial Port/1 Terminal Block 1 Ethernet Port
	<i>iNS/3104</i>	4 DB9 Serial Ports/4 Terminal Blocks 1 Ethernet Port
	<i>iNS/3204</i>	4 DB9 Serial Ports/4 Terminal Blocks 4-Port Ethernet Switch

ixNS/3000 – With Serial Port Isolation

	<i>ixNS/3102</i>	2 DB9 Serial Ports/2 Terminal Blocks 1 Ethernet Port
	<i>ixNS/3204</i>	4 DB9 Serial Ports/4 Terminal Blocks 4-Port Ethernet Switch