

Overview

The OPIX cX Series Application Server is a hardware platform for hosting the OPIX Now! Suite of applications. The cX Server ships in a wall mount enclosure suitable for indoor equipment rooms.

It is capable of serving web-based GUI for small-medium controls networks as a stand-alone device or networked together to scale up to almost any size enterprise solution. Users can seamlessly integrate LonWorks, BACnetIP, ModBus, etc. with many legacy systems to create a unified controls network.

The OPIX Now! suite includes an Open-Architecture browser-based graphical interface allowing users to view and manipulate underlying systems without the need of dedicated workstations or client software. Standard web development software or the built-in webEditor can be used to create stunning graphics and animations using standard image formats such as jpg, gif, png, bmp, swf, and many others.

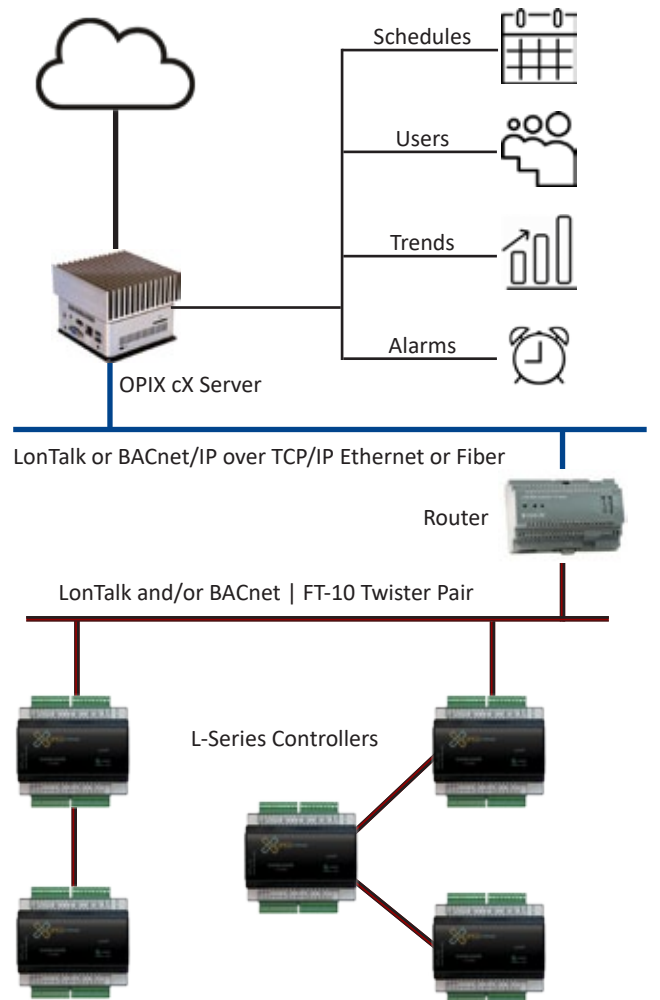
The OPIX Now! technology updates data screens in background eliminating the need for page refreshes, maximizing the user experience. The OPIX cX server provides a distributed system when multiple units are networked together for scalability and reliability. Multiple cX servers can be installed for schedules backup and redundancy purposes on a single network.

Features:

- Create large, high-performance, flat-line-of-communication, open LonWorks networks.
- Create OPIX Now! Enterprise-Architecture suitable for very large networks.
- Preserve LNS and open system specs.
- No-cost updates for 1 year.
- Fanless, quiet operation.
- No spinning hard drives for long lasting performance.
- Any imported data point can be shared with third party by BACnetIP or Modbus TCP protocol.
- AES-256 Encryption on login, and communication between multiple cX Servers and data transfers to remote browsers.
- The encryption is designed for applications such as remote metering data collection.
- Global Scheduling Architecture
- Nearly unlimited users with per user level permissions, themes, and navigation
- Robust and flexible alarm configuration utility (avoid false positives) with built in email alert mechanism
- Robust and flexible trending utility allows for simultaneous trending of any data type
- Built-in analytics and reporting tools



cX Series



Topology Free, Polarity Free, up to 32,000 Nodes, Fully Isolated Network

Specifications

Hardware	
I/O Ports	4xUSB
	1xHDMI
	1xVGA
	10/100/1000 NIC
Storage	50Gb Solid State Drive (SSD)
Chassis	Metal Enclosure
Dimensions	4.7"W x 4.7"L x 3.75"H
Mounting	Indoor Only (Panel/Wall Mount Recommended)
Cooling	Passive (fanless)
Environment	Storage Temp: 0°C - 50°C (32°F - 122°F)
	Operating Temp: 0°C - 40°C (32°F - 100°F)
	Relative Humidity: 5% - 95% (Non-Condensing)
Power Supply	15-19Vdc
Software	
Operating System	Windows 7 Embedded
Database Server	SQL 2016 Express
	Open LNS
	Microsoft Internet Information Services (IIS)
OPIX Now!	Web Portal
	Net Builder
	LNS Driver
	BACnet Driver
	Modbus Driver

Models/Configurations

Model	Data Points	CPU	RAM
cX-300-C-4	300	Celeron	4Gb
cX-1000-C-4	1000	Celeron	4Gb
cx-1000-C-8	1000	Celeron	8Gb
cX-1000-i5-4	1000	i5	4Gb
cX-2000-i5-4	2000	i5	4Gb
cX-1000-i5-8	1000	i5	8Gb
cX-2000-i5-8	2000	i5	8Gb
cX-1000-i5-16	1000	i5	16Gb
cX-2000-i5-16	2000	i5	16Gb

