Features

- Commissions LON® devices with a simple graphical interface
- Compatible with all LON and IzoT media including LON/IP-70, LON/IP-852, LON/FT, LON/PL, and LON/TP-1250
- Provides an open platform supporting multiple simultaneous users commissioning devices and running multiple applications from multiple vendors
- Supports IzoT, OpenLNS, and LNS plug-ins
- Supported by hundreds of third-party applications
- Includes integrated LNS®-compatible IzoT Net Server for network management
- Integrates easily with third-party tools and applications with an XML file import/export capability
- Reduces network design time with support for custom shapes and automatic connection–type selection
- Supports multiple LON networks, each with up to 32,385 devices on up to 1000 channels
- Supports LON devices with up to 4096 network variables per device
- Merges independent networks into a single network
- Imports and exports AutoCAD drawings
- Supports data point monitoring and control from your network drawings
- Includes the IzoT CT Browser for monitoring and controlling the devices in your network
- Free trial edition is available for download (not including Visio)

Description

Install and commission a community of devices by simply drawing your network with the integrated Microsoft Visio 2016 tool. As you draw your network, the IzoT Commissioning Tool (CT) communicates with your devices to make them match your drawing. To make two devices communicate, you draw a line between them. The result is a network drawing that serves as the as-built documentation for your network.

Compatible plug-in applications for configuring a wide variety of LON devices are available from hundreds of device manufacturers. IzoT CT integrates seamlessly with these plug-ins so you can automatically start the correct plug-in by clicking on a device and selecting Configure from the menu.

IzoT CT works with all LON devices giving you a wide variety of options for the devices to be installed in your networks. There are never any per-device fees, credits, or royalties when using IzoT CT.

IzoT CT includes the LNS-compatible IzoT Net Server. The server provides an open platform for tools and applications to interact with your LON networks. You can also use the integrated XML file import/export capability to integrate with applications that are not compatible with the server.

You can reduce your network design time by creating custom shapes that represent the common device or subsystem configurations that you frequently install. For example, you can create a custom shape that represents all the devices in a room, including their device types, configuration, and connections. To add a new room to your network, you drag your room custom shape to your drawing and all the devices are automatically created in your drawing and in the server database, along with the configuration and connections that you specified.

You can further reduce network design time with automatic connection-type selection. When you create a connection in your drawing, IzoT CT automatically selects the communications services for the connection based on the sources and targets that you specify. You can manually override the selections to fine tune your network behavior.

For very large networks where connectivity is not available between all devices during initial construction, you can initially create your IzoT CT drawings and physical networks as independent networks. When connectivity is available between your networks, you can use IzoT CT to automatically merge the independent networks into one large network.

You can import AutoCAD drawings of your installations into your IzoT CT drawings. For example, if you are installing a network in a building, you can import the AutoCAD floor plan of the building to serve as the background for your IzoT CT drawing. You can also export your IzoT CT drawing as an AutoCAD drawing.

You can design your networks and commission your devices at the same time, or you can do your network design independent of the physical hardware and later commission your devices. You can commission your devices one at a time, in groups, or by subsystem.

Once you have commissioned your devices, you can monitor and control their operation from your drawings using connection monitoring and Data Point shapes, or from the IzoT CT Browser which provides a tabular view of your selected data points. You can use the integrated device management window to test your devices and determine their status.

Multiple Editions

IzoT CT is available in multiple editions. The full-featured Professional Edition supports an unlimited number of networks and is suitable for network integrators. The Standard Edition supports up to five networks and is suitable for embedded tools, where IzoT CT is installed as a dedicated tool for an individual network.

Versions of IzoT CT are available with and without an integrated copy of Visio 2016. IzoT CT requires Visio 2016 or 2010. The version without Visio is ideal for users who already have a license for Visio 2016 or Visio 2010.

New for IzoT CT 4.1

IzoT CT 4.1 includes the following enhancements from Release 4.0:

- *Visio 2016* – the editions of IzoT CT that include Visio now include Visio 2016, replacing Visio 2010 in Release 4.0.
- *Windows 10 Compatibility* – Support for 64-bit Windows 10 has been added.
- *LON®/IP Support* – Support for IP-70 interfaces and devices for native IP communication.
- *IzoT Series 6000 Chip Support* – Support for application image download to Echelon IzoT FT 6050 and 6010 Smart Transceivers, and the IzoT Neuron 6050 Processors.
- *Version 16 LonMark® Standard Resources* – This new resource file set includes 50 new standard profiles, including the new VDI 3813 room automation functions.
- *Echelon U60 Network Interfaces* – Support for the Echelon U60 FT and TP-1250 USB network interfaces.

Specifications

PC Requirements

Operating System

Microsoft Windows 10 (64-bit and 32-bit), Windows 8 (64-bit and 32-bit), Windows Server 2016 (64-bit), or Windows Server 2012 (64-bit)

Minimum Hardware

1 gigahertz (GHz) or faster x86-bit or x64-bit processor with SSE2 instruction set

2 GB RAM

1280 x 800 screen resolution display

LON Network Limits

Limits per Device

4096 NVs per device

Limits per Network

5 active IzoT CT clients

32,385 devices (routers and network service devices count as two devices each)

32,385 application device types

1000 channels and 1000 routers

1 domain

12,288 bound selectors (selectors are automatically reused)

Limits per IzoT CT

32,768 address table entries

1024 alias table entries

250 simultaneous outgoing transactions (when using a Layer 2 or IP interface)

250 simultaneous incoming transactions (when using a Layer 2 or IP interface)

Ordering Information

Model 38000-401
IzoT CT Professional Edition with Visio

Model 38010-400
IzoT CT Professional Edition without Visio

Model 38050-401
IzoT CT Professional Edition Activation Key

Model 38060-401
IzoT CT Professional Edition without Visio Activation Key

Model 38070-400
IzoT CT Standard to Professional Upgrade Key

Model 38100-401
IzoT CT Standard Edition with Visio

Model 38150-401
IzoT CT Standard Edition Activation Key

Model 38160-400
IzoT CT Standard Edition without Visio Activation Key

Model 93800
IzoT CT Professional One-Year Maintenance Renewal

Model 93810
IzoT CT Standard One-Year Maintenance Renewal

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