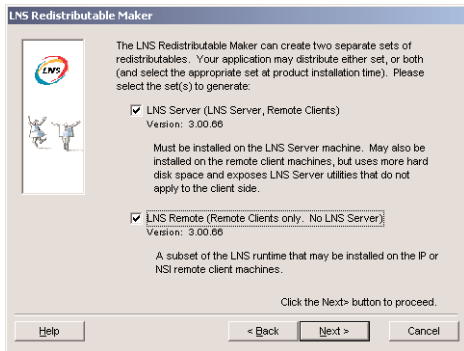


LNS® Redistribution Kit for Windows®/Release 3 Model 34312



- ▼ Create ready-to-use LNS Server and LNS Remote Client redistribution packages
- ▼ Pre-built installation packages make distributing and deploying the LNS network operating system simple and error-free.
- ▼ LNS Server redistribution supports embedded, microcontroller-based, Java™, and Windows-based clients on LONWORKS® and IP networks
- ▼ LNS Remote Client redistribution supports connection to an LNS Server through LONWORKS and IP networks
- ▼ Support for Windows XP, Windows 2000, and Windows 98

Description

The LNS Redistribution Kit for Windows is a software package that generates LNS Server and LNS Remote Client software redistribution packages. LNS application developers can include these packages into their LNS application distributions so that the LNS Server or LNS Remote Client is installed along with their LNS application. In this way, the LNS application does not depend on a prior installation of an LNS Server or LNS Remote Client redistribution in order to function. Once an LNS redistribution package is installed, any application that requires the LNS network operating system will run on that PC.

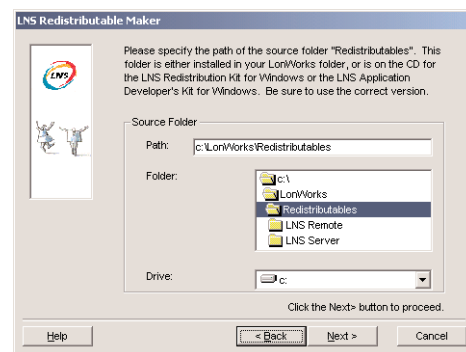
LNS Network Operating System

The LNS network operating system is the only network operating system that provides essential management, monitoring, and control services for single and multi-channel control networks. Release 3 includes technology for building architecturally-flat LONWORKS networks over an IP infrastructure, and seamlessly integrates with the *i.LON*® 10 Ethernet Adapter, the *i.LON* 100 Internet Server, and the *i.LON* 1000 Internet Server. LNS provides these services for any Windows and non-Windows application that must interact with a LONWORKS network, and uses a distributed database technology to ensure that these applications remain synchronized with the network and with each other. This unique capability allows software components to interoperate, whether those components run on the same PC or on different PCs, and whether the PCs are located anywhere on the Internet or anywhere within a LONWORKS network. For example, a network may be installed locally using LNS tools from one vendor and the same network may be operated remotely over IP using LNS operator interface drivers and visualization tools from another vendor.

Network databases can be engineered via LNS applications, with device and router commissioning occurring later when the engineered database is loaded onto an on-site or a remote LNS Server. If the LNS Server is on-site during the commissioning phase, it may later be removed. In this scenario, the LNS application runs on a notebook PC, which is removed after commissioning. This feature is especially desirable in smaller networks where an on-site management server is not required.

Licensing

Licensees of Model 34309 LNS Application Developer's Kit for Windows may license Model 34312 LNS Redistribution Kit for Windows under a signed license agreement. Licensees of LNS Redistribution Kit for Windows report LNS Server and LNS Remote Client redistributions and additional LNS Device Credits shipped with LNS Servers in arrears on a quarterly basis. Contact your Echelon sales representative or distributor for details.



Specifications

| | |
|--|--|
| LNS Server for Smaller Networks | Windows XP, Windows 2000, or Windows 98 (Windows XP recommended) • Pentium 200MHz or faster • 20 MB free disk space, not taking into account the size of the LNS applications or LNS network interface drivers • 128 MB RAM or more, depending upon the requirements of the LNS application that will be running in addition to the LNS Server • LNS Network Interface. See the “Compatible LNS Network Interfaces” section below. |
| LNS Server for Larger Networks | Windows XP, Windows 2000, or Windows 98 (Windows XP recommended) • Pentium 200MHz or faster (Pentium III 500 MHz or faster recommended) • 20 MB free disk space, not taking into account the size of the LNS applications or LNS network interface drivers. The disk should be the fastest possible within budget, as the disk speed plays a large role in LNS database speed. • 128 MB RAM or more, depending upon the requirements of the LNS application that will be running in addition to the LNS Server • LNS Network Interface. See the “Compatible LNS Network Interfaces” section below. |
| LNS Remote Client | Windows XP, Windows 2000, or Windows 98 (Windows XP recommended) • Pentium 100MHz or faster • 10 MB free disk space, in addition to what is required by the distributed LNS application • 64 MB RAM or more, depending upon the requirements of the LNS application that will be running in addition to the LNS Remote Client Software • LNS Network Interface. See the “Compatible Network Interfaces section below.” |
| Compatible LNS Network Interfaces | Windows XP, Windows 2000, or Windows 98 drivers are required for PCLTA-20 PCI card, PCLTA-10 ISA card, PCC-10 PC Card, SLTA-10 Serial LonTalk® Adapter, and PL-SLTA Power Line Serial LonTalk Adapter. PCLTA-20, PCLTA-10 and PCC-10 can operate as LNS High Performance Network Interfaces which provide faster monitoring/control throughput, 32,768 address table entries, and up to 1000 simultaneous outgoing transactions at a time. Additional drivers may be available from Echelon’s web site at www.echelon.com . The Microsoft TCP/IP Networking protocol in conjunction with (typically) an Ethernet card can function as an LNS High Performance Network Interface if you are using the i.LON 1000 Internet Server to route between the LONWORKS/IP channel and the TP/FT-10 or TP/XF-1250 channel on the far side of the router. Microsoft TCP/IP Networking protocol and (typically) an Ethernet card are required for LNS Servers and LNS Remote Client PCs that communicate over IP. |

Documentation

The following printed documentation is included with Model 34312 LNS Redistribution Kit for Windows. Comprehensive on-line help is also included.

| Document | Echelon Part Number |
|------------------------------------|----------------------------|
| LNS for Windows Programmer’s Guide | 078-0177-01 |

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