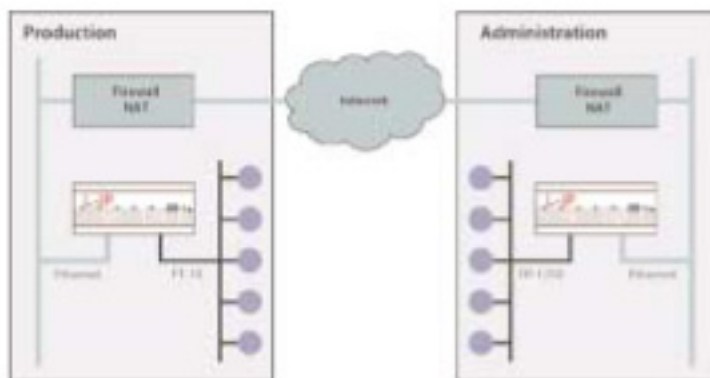


LONWORKS / ETHERNET / IP / ROUTER

ACE / LON / ETHER / LTA / L-IP



The ACE/LON/Ether/LTA integrates LonWorks networks with Ethernet/IP networks at an affordable price and with a simple installation. L-IP transparently routes packets from LonWorks networks over Ethernet/IP channels based on the two open standards ANSI/EIA-709 (LonTalk) and CEA/EIA-852 (LonTalk over IP). Ethernet can be used as a high performance backbone, which connects even the most widespread subsystems in a large network installation. L-IP can even connect LonWorks networks over the Internet with a secure and reliable communication path.



Simple Installation

L-IP is easy to install with only a few simple steps. The mechanical installation is on a standard DIN rail. The software configuration supports DHCP, NAT, and masquerading on the Ethernet/IP side. This allows L-IP to be used behind firewalls and to communicate across firewalls (if required). Firewalls are not required if connection over the internet is not a requirement.

Interoperability - L-IP likes it

L-IP supports the full CEA/EIA-852 standard. Therefore L-IP effortlessly works together with Echelons VNI and can be used as a remote network interface. LNS applications communicate direct over Ethernet with L-IP - this saves the LonWorks network interface card inside the PC and in addition the job can be done from remote. The routing module inside L-IP is compatible with standard routers and it seamlessly integrates with LNS based tools.

Optimal network segmentation - with L-IP and L-Switch guaranteed

It has never been easier to efficiently structure LonWorks networks. L-Switch multi-port routers provide the local segmentation using a low-cost, high performance TP-1250 backbone channel to communicate between multiple L-Switches. The connections between the local LonWorks networks are handled by up to 200 L-IP devices on a single, high performance, virtual Ethernet channel.

Network diagnostics - with L-IP included

Reliable operation of network infrastructure requires powerful system diagnostics tools. L-IP integrates seamlessly into the LOYTEC System Diagnostics Tool (LSD-Tool). The LSD Tool provides important system parameters about the health condition of your network. Detailed analysis can be done with the protocol analyzer LPA-IP. Based on the award winning user interface of the LPA-PP and LPA-USB the LPA-IP records and analyzes all LonWorks data packets on an Ethernet/IP channel and on the LonWorks channels of connected L-IP devices..

