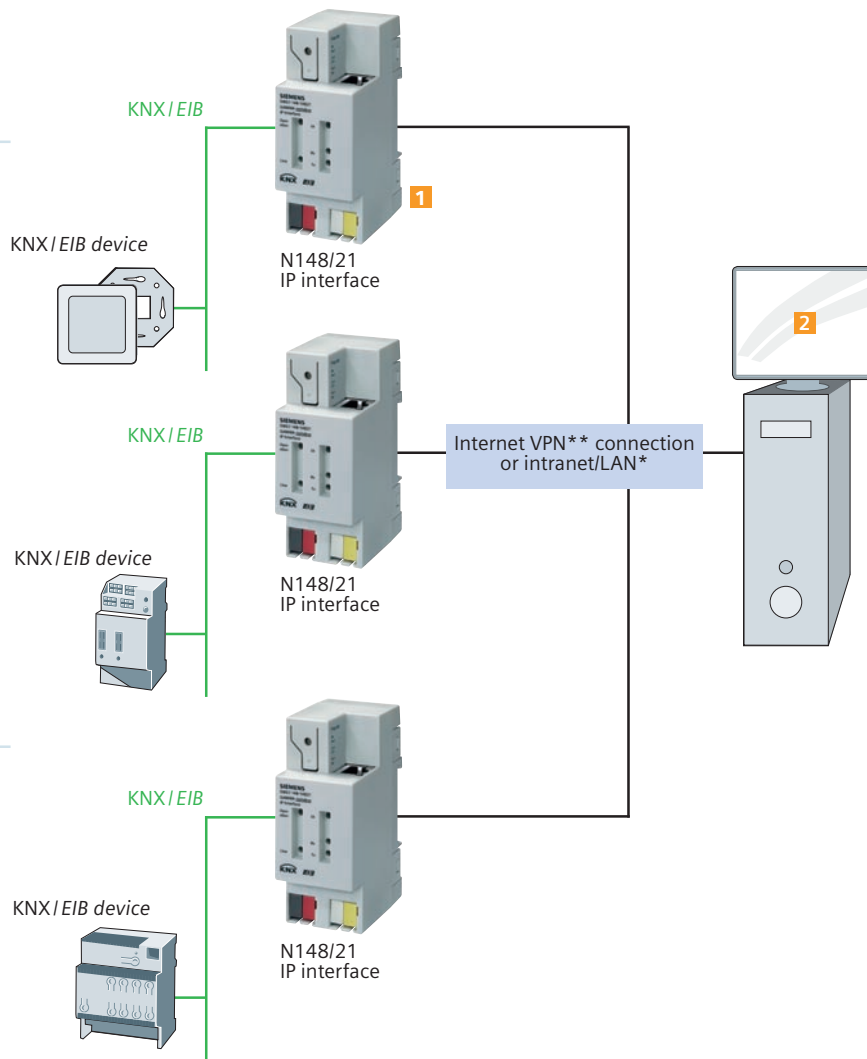


GAMMA practical tips

Improved system availability because errors are detected as soon as they occur

From faulty lamps in stores or offices through pressure drops in filters to pump malfunctions – independently operating systems at physically remote sites are never completely immune to failure. The sooner such faults are detected, the lower the consequential costs. If the systems are GAMMA *instabus*-controlled and connected to the LAN*/IP, all fault and error messages can be transmitted over the Internet. A prompt response helps restore the system's ability to operate faster and therefore cuts costs.

The solution:



Electrical Installation from A to Z

Practical tip No. 8

The benefit for you:

- Centralized solution for physically remote sites
- Fault and error messages are instantly transmitted
- A prompt response restricts damage to a minimum

*LAN

LAN is the abbreviation for Local Area Network. Data transport in a LAN is based on IP – the standard network protocol employed on the Internet.

**VPN

VPN (Virtual Private Network) allows a secure subnet, in which communication is tightly shielded from interception or access by unauthorized users, to be established over an open, unprotected network (Internet, radio). This is achieved by "tunneling" data traffic via a VPN server, which requires authentication of all connection setup attempts, and simultaneously encrypting the data.

Practical tips

What to do:

- Connect an N148/21 IP interface to the KNX / EIB
- Connect the N148/21 IP interface to the LAN
- Assign an IP address to each N148/21 IP interface from its line in ETS3.0c (KNX / EIB commissioning software) and then parameterize it

What you need:

- N148/21 IP interfaces (1x per site)
- 24 V power supply for N148/21 IP interfaces (possibly drawn from the KNX / EIB power supply)
- IPAS ComBridge Studio visualization software
- ETS3.0c

Ordering data

Product	Order No.
1 N148/21 IP interface	5WG1 148-1AB21
2 IPAS ComBridge Studio visualization software	63101-32-01

Siemens AG
Automation and Drives
Electrical Installation Technology
P.O. Box 1009 53
93009 REGENSBURG
GERMANY

www.siemens.com/gamma

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Date 11/2005

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