Handling short instructions for

TINA-PROFINET-Upgrade

Construction:

Connect the adapter with the two supplied LAN-cables to TINA at the corresponding LAN-sockets 1t 1 as the ports are described.

TINA-PROFINET-Upgrade Port A   <=>   TINA Port A
TINA-PROFINET-Upgrade Port B   <=>   TINA Port B

The PROFINET is connected to the adapter on the two lateral RJ45 sockets.

TINA-PROFINET-Upgrade Port Master   <=>   to PROFINET-master
TINA-PROFINET-Upgrade Port Slave   <=>   to PROFINET-slaves
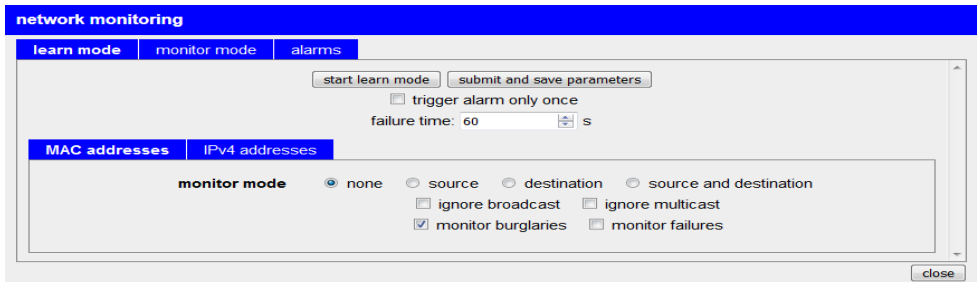
As a result, you have now turned TINA into a PROFINET-Watchdog. With the help of the adapter, TINA can no longer write to the connected PROFINET, but only act as a listener. As a result, there can be no influence on bus-telegrams.

Please upgrade the firmware of your TINA to the current version, otherwise you will not be able to use or use all offered functions.

Analysis of the ProfiNet network :

The "new" ProfiNet-WATCHDOG is able to analyze the network traffic of the connected ProfiNet. Due to the structure as described, you have guided your ProfiNet through the ProfiNet-WATCHDOG, without having to worry about impairments in the real-time behavior.

In order to set the network monitoring or to display the current status, you must click on the icon 🖥 which can be found in the toolbar. Now the following dialog opens:

The dialog has a bar with the following tabs:
- **learn mode:** Here you can set the parameters for the network monitoring and (if desired) start the automatically learning of addresses.
- **monitor mode:** Here you can view and adapt the current parameters of the network monitoring and manage the addresses of the monitoring.
- **alarms:** Here you have the possibility to manage a list with addresses who have triggered a burglary alarm.

Important:
Please note that depending on your configuration an e-mail get's sent for each burglary and failure. This can lead to an enormous number of e-mails. You should check your settings carefully before enabling the e-mail shipping.

An detailed description as well as an explanation of the single web pages can be found in the manual of this device. The user manual can be found on the product page of our web page under the download section *Documentation → Handbook TINA / ProfiNet-WATCHDOG*.

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QR-Code Website:

Please make sure to update your drivers before using our products.

Wireless around the Eaton-PLC

Move wirelessly around the Eaton-PLC and communicate for example ONLINE in the status

With the management of the data-areas it is determined whether the entered data-areas can be read/written via the module with the connected controllers. A central button for the function determines whether the specified inputs are "allowed" or "not allowed" are.

The input itself is kept very simple: "r" for reading and "w" for writing, a ":" as a separator and then the data-area in S7-format. If there is only one CPU on the bus, the CPU-address does not even have to be specified, the participant on which the module is plugged in is used.
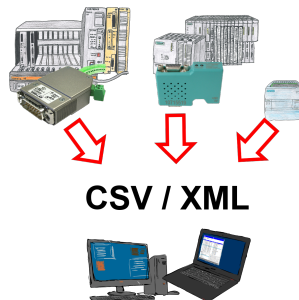
Save your PLC content, production-data in a file on your PC. This file, a CSV- or XML-file (depending on the license), can then be used e.g. further processed with Excel.

A file that includes all configured variables in an infinitely-long list with a suitable time-stamp, either controlled by the PC or via a PLC-trigger (depending on the license). No matter which Siemens-control, as soon as a network-connection is available, nothing stands in the way of recording.

With S7-LAN for PPI, MPI or Profibus or S5-LAN++ for S5-controllers, PLCs without a network-connection can also be addressed and recorded. And depending on the license are several parallel connections possible.