

## Indu-Sol GmbH - Specialist in Industrial Networks

# Network management software PROmanage® NT

#### Function

PROmanage<sup>®</sup> NT makes it possible for you to analyze and evaluate information on the condition of fieldbus systems and industrial networks and store it on the long haul. The information is transmitted to a central point to provide you an overview. Thus it is possible to get from this central software at any time information on the condition of the controlled fieldbus, incl. Ethernet. PROmanage<sup>®</sup> NT queries all port statistics of the manageable switches and the results of the decentralised data collector (INspektors<sup>®</sup>) at minute intervals to evaluates them and displays them graphically. With this sophisticated analytical technique irregularities can be detected immediately and adjustable thresholds trigger an alarm. Through this statistics function the data are available to the minute up to one year. Thus historic events, such as sporadic failures, can be tracked at any time and used for cause study.

### Network data

The user interface is arranged so as to make it easy for the user to find information. It can be tailored to meet your needs and you can use two screens. The graphical display provides a comparison of several parameters and can handle several devices, e.g. you can correlate parameters such as device temperature and device failures of different devices so as to be able to identify the cause of disturbances.

## Chronicle

The chronicle of the network provides rapid information which is easy to read on current network status, periods of time in which your network operates free of errors and point in time when disturbances occured (with time stamp).

#### **Event messages**

Integrated management of threshold values allows the user to specify the limiting values for network parameters. As soon as these threshold values are reached, an entry complete with time stamp is written automatically into the event log. Just one click is needed to retrieve network disturbances from the event log.

# Alerting

The implemented alarm management System provides automated message forwarding. The user selects the desired medium (email, messaging services, OPC, SNMP) to transfer messages in a timely manner directly to the appropriate area of responsibility, thereby shortening action times and avoiding unnecessary plant breakdowns.

### System requirements

Following operating systems are supported: Microsoft<sup>®</sup> Windows<sup>®</sup> 7, 8, 10 Microsoft<sup>®</sup> Windows<sup>®</sup> Server 2008, 2012, 2016 and 2019

Depending on the number and extent of the attached devices apply to following system requirements:

Number of licence ports	Number of data cores	RAM	Hard disk drive space required
bis 480 Ports	4	8 GB	100 GB
bis 960 Ports	4	16 GB	200 GB
bis 2000 Ports	8	32 GB	400 GB



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Cronk *			
root	Auto Mitteoch, 21. Januar 2015 12		
21.01.2015 12:34	Aktueller Netzwerkzustand		
	Störungsfrei seit einem Tag		
1	Zutheit Schledd		
20 01 2015 08:41	20.81.2915 0840 - 29.61.2015 0841 - 1 Minute		
	Name Schie		
	1 INBLOX, Suffer, May (SL) 30		
20.01.2015 08:40	1 -208 (%) 200		
	1 70_N/Koller_Max' (%) 40		
20.01.2015 08:39	Phi-Dispetitor V1 (%) 100		
// -			
19.01.2015 16:17			
19.01.2015 16.16			
1			
19 01 2015 15 26			
19.01.2015 15:20			
18.01.2015 15:25			



Ordering details	Art. No.
PROmanage <sup>®</sup> NT 80 Ports *	117000104
PROmanage <sup>®</sup> NT 160 Ports *	117000105
PROmanage <sup>*</sup> NT 320 Ports*	117000106
PROmanage <sup>*</sup> NT 480 Ports *	117000107
PROmanage <sup>*</sup> NT 960 Ports *	117000110
Upgrade PROmanage <sup>®</sup> V23 to NT	117000100
OPC Server	112010006

Other licences on request.

\* The licence defines the maximum number of network Ports or devices retrieved simultaneously. (Ethernet Switch: number of network port = number of licence port, 1 PN-INspektor® NT= 16 Ports, sonstiger INspektor® = 8 Ports)