

- easy-to-use telecontrol technology -

For the integration of existing and new PLCs (industrial controllers) in supply, disposal and measuring stations in a telecontrol system.

M2M-Manager

Ident-Nr	IP	Status	Cmd	Vers.	Name	letzte Übertragung	Verbz...	Datenrate/Mon	Tag	Monat	Feldstärke	Modem	Hardw. ID
991	127.0.0.1	On S7	..	2.91	S7-300	15.04.18 15:23:06 *	0 / 0		0.81 k	0.0 Mb			471188
4884	127.0.0.1	On Mod Int	..	2.91	1P_NH008_Photovoltaika...	15.04.18 15:23:31 *	0 / 0		4.90 k	0.0 Mb			471188
7024	127.0.0.1	On S7 Int	..	2.91	NFB Nahefahrtsweg Brüc...	15.04.18 15:20:24 *	0 / 2		7.53 k	0.0 Mb			471188
7032	127.0.0.1	On S7 Int	..	2.91	HMW Herrenmühlenwehr	15.04.18 15:24:14 *	0 / 0		1.43 k	0.0 Mb			471188

Kommunikationsmeldungen

15.04.2018 15:24:11,101 : IP 127.0.0.1, Nr 7032: Connect Port 35519 Version 2.91 HW 471188 letzter Reboot 12.04.2018 06:50:28
 15.04.2018 15:23:28,801 : IP 127.0.0.1, Nr 4884: Connect Port 35517 Version 2.91 HW 471188 letzter Reboot 12.04.2018 06:50:28
 15.04.2018 15:23:03,398 : IP 127.0.0.1, Nr 991: Connect Port 35514 Version 2.91 HW 471188 letzter Reboot 12.04.2018 06:50:28
 15.04.2018 15:20:21,218 : IP 127.0.0.1, Nr 7024: Reconnect Port 35454 Version 2.91 HW 471188 letzter Reboot 12.04.2018 06:50:28
 15.04.2018 15:20:15,225 : IP 127.0.0.1, Nr 7024: Reconnect Port 35453 Version 2.91 HW 471188 letzter Reboot 12.04.2018 06:50:28
 15.04.2018 15:20:11,404 : IP 127.0.0.1, Nr 7024: Connect Port 35452 Version 2.91 HW 471188 letzter Reboot 12.04.2018 06:50:28
 13.04.2018 21:14:51,755 : Listen Port: 50487
 13.04.2018 21:14:51,740 : M2M-Manager started

Bereit

Telecontrol center software for managing the remote devices "TCP/IP-WEB-Connector"

M2M-Manager is the central link between all applications and the TCP/IP WEB connectors. The TCP/IP-WEB connectors register with the M2M-Manager via a TCP/IP port and this forwards the data to a SCADA system. It also offers extensive administration, parameterization and diagnostic functions.

Function/Tasks:

- connection to SCADA: OPC-DA-UA, SQL-DB, Modbus, IEC 870, CSV or manufacturer-specific connection to all common data reporting and evaluation systems from different manufacturers
- data buffering with timestamp
- redundancy function, redundant servers, redundant communication paths
- security functions (VPN, SSH, TLS connections with certificates)
- remote programming, e.g. SIMATIC Step7 or Codesys controls
- COM port redirection/transparent mode (virtual serial line)
- portforwarding
- logging of connection data and transfer volume
- logging of events and process value changes
- group overview of the connected TCP/IP-WEB-Connectors with current connection status
- parameterization and configuration for TCP/IP-WEB-Connectors
- supply of firmware and security updates
- integration of LoRaWAN sensor data via external LoRaWan gateway and TCP/IP-WEB-Connector

Applications

- monitoring and control in the near and far range or in cloud applications in supply and disposal networks, external facilities and measuring stations
- gateway and protocol converter in automation (OPC-DA, OPC-UA, IEC870, Modbus etc.)
- potential uses in energy management and smart grid projects

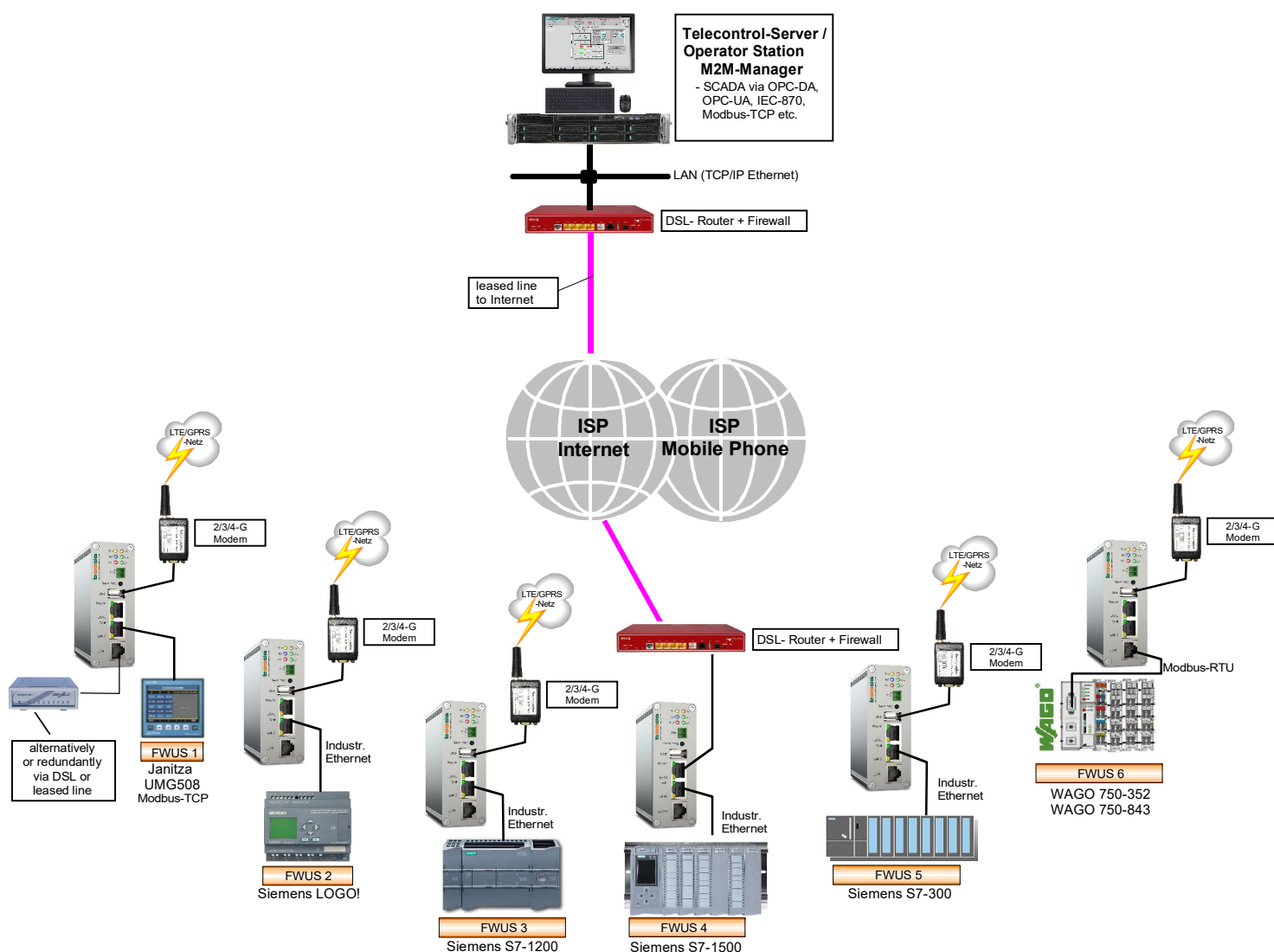
NEW

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Application Example



Order Notes:

- Starterkit incl. OPC-Server max. 2 remote Stations M2M-MANAG-002-6XX
- quant. remote station: 0 (nur Konfiguration, kein Treiber zum PLS!!) M2M-MANAG-000-6XX
- quant. remote station: max. 6 incl. OPC-Server M2M-MANAG-006-6XX
- quant. remote station: max. 12 incl. OPC-Server M2M-MANAG-012-6XX
- quant. remote station: max. 24 incl. OPC-Server M2M-MANAG-024-6XX
- quant. remote station: max. 36 incl. OPC-Server M2M-MANAG-036-6XX
- quant. remote station: max. 48 incl. OPC-Server M2M-MANAG-048-6XX
- quant. remote station: >48 incl. OPC-Server M2M-MANAG-XXX-6XX

System Requirements: MS-Windows 10, 11 / MS-Server 2016, 2019, 2022

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