PROTOCOL GATEWAYS

for seamless integration of new standards & technologies into legacy systems

MODBUS GATEWAYS

for seamless conversion of Modbus RTU to Modbus TCP with minimal configuration

SCADA

(Supervisory Control and Data Acquisition)

MODBUS GATEWAYS

Entry Level Version

Industrial Concentrators

Redundant Concentrators

Simple Application

Immediate Application

All Features of the Industrial Concentrators

For Infrequent Data Polling Requests

Automatic Data Pulling

Redundant Architecture

Low Cost

Amenable Data Polling

Automatic Link Recovery

Supported Protocols

DNP 3.0 (Enhanced and basic)

IEC 60870-5-101 (Serial)

IEC 60870-5-103 (Serial)

Modbus TCP (Enhanced)

Modbus RTU/ASCII (Serial)

Profinet RT/IRT

Distributed Network Protocol

IEC 60870-5-101 (Serial)

IEC 60870-5-103 (Serial)

IEC 60870-5-104 (Ethernet)

IEC 61850 (Ethernet)

Data Points Mapping

Polling Frequencies

IEC 61850 (Ethernet)

DNP 3.0 (Ethernet and Serial)

Serial Ports to Maximize Connectivity

IEC 48010-3 Certified Environments

3G-4G Connectivity

Embedded Debugging Console

Embedded Security through IPsec/MACsec

Supported Protocols

For more information, visit MENCOM.COM

CHALLENGES IN THE SMART FACTORY

INTEROPERABILITY

RELIABILITY

HARSH ENVIRONMENT

SECURITY/ACCREDITATION

PERFORMANCE

Seamless Integration between different protocols

Long HWP Serial Redundancy Cabling, EMI, MTBF

Embedded Failure Features Design No moving parts

Extended Isolation Compliant with the strictest regulations

Extended Security through IPsec/MACsec

Seamless Conversion Between TCP and RTU/ASCII

Support Link Status & Timestamp

Faster Responsiveness

Seamless Conversion Between TCP and RTU/ASCII

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