AUTOMATED PROCESS LIMITED

...innovative know-how

- AS Interface
- IO-Link
- Remote access to OT machinery - eWON Cozy
- Remote management of OT machinery - eWON Netbiter
- Collect data from OT machinery - eWON Flexy
- Connect factory IT/OT systems - Anybus .NET bridges
- Access machines wirelessly- Anybus Wireless Bolt
- HMS IoT Cloud Platforms
- 3rd Party IoT Cloud Platforms
- Connecting technology

INDUSTRIAL COMMUNICATION & CONNECTIVITY
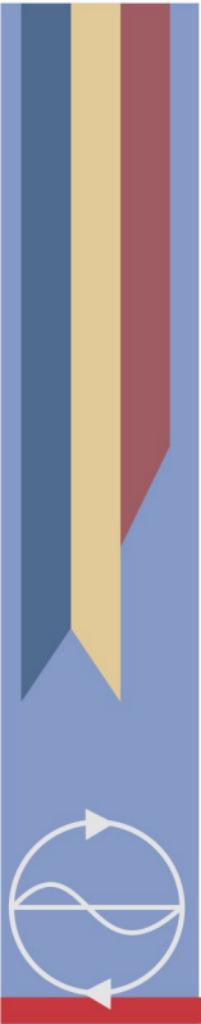
INDUSTRIAL COMMUNICATION & CONNECTIVITY

Manufacturing | Building | Transportation | Power/Energy
Water/Waste Water | Food & Beverage

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ifm

Ewon®
BY HMS NETWORKS

PHŒNIX
CONTACT

Anybus®
BY HMS NETWORKS

AS INTERFACE

- o AS-Interface masters
- o Industrial SmartSPS controllers
- o AS-Interface power supplies and monitors
- o AS-Interface I/O modules
- o AS-Interface systems and sensors
- o AS-Interface Safety at Work
- o AS-Interface for hazardous areas
- o Fieldbus components
- o Apps
- o AS-Interface wiring technology

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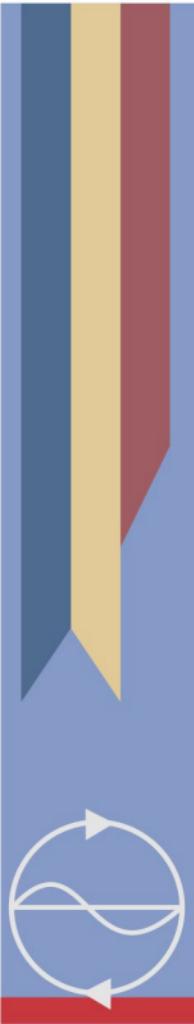
IO-LINK

o IO-Link masters
o IO-Link modules
o IO-Link devices
o IO-Link position sensors
o IO-Link sensors for motion control
o IO-Link process sensors
o IO-Link Identification systems
o IO-Link software
o IO-Link accessories / connection technology
o IO-Link starter kits

REMOTE ACCESS TO OT MACHINERY- eWON Cozy

eWON Cozy: Industrial Remote Access Router, which allows you to remotely troubleshoot and program plant-level PLCs. Cozy is compatible with leading PLC brands / protocols such as Rockwell, Siemens, Schneider Electric, ABB, Mitsubishi, Hitachi, Omron, VIPA and more ...

o Monitor and control your remote HMI
o Connect your webcam for assistance
o Support on-site technicians for debugging

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Stop travelling on site for support! Let's stay Cosy!

Remote site   Connectivity   User

Talk2M

Talk2M Clients

Talk2M Industrial Cloud

Machine with PLC and Cosy 131
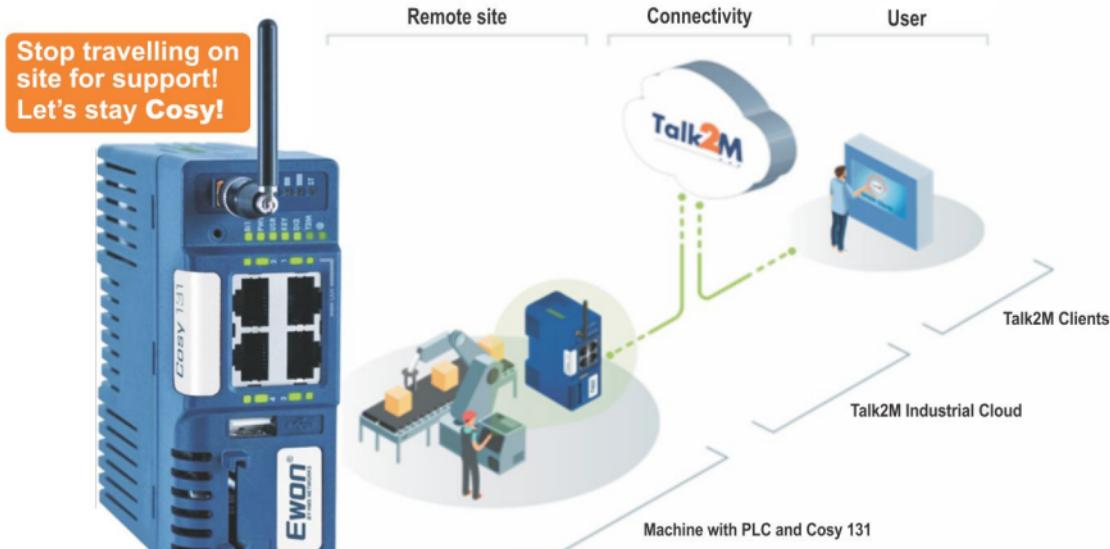
REMOTE MANAGEMENT OF OT MACHINERY
- eWON Netbiter

eWON Netbiter: Monitor and control remote installations from the cloud at anytime, anywhere. Netbiter connects you to the off-the-shelf Argos IoT platform and provides you with convenient, comprehensive management tools.

o Use dashboards, alerts, trend charts, reports, etc. for cross-site monitoring devices

o Start / stop on-site remote equipment - Increase uptime and reduce maintenance travel

o Connect to Netbiter Argos or Thing Worx instantly - or connect to any IoT platform using the API

Wind turbine

UPS system

Fuel tank

Pump station

Generator

COLLECT DATA FROM OT MACHINERY - eWON Flexy

eWON Flexy: Programmable industrial routers and data gateways allow you to collect data from OT machinery designed for users such as OEMs and system integrators.

o Open, integrated with any IoT software

o Get Time stamps Machine Data

o Remote access to your machine
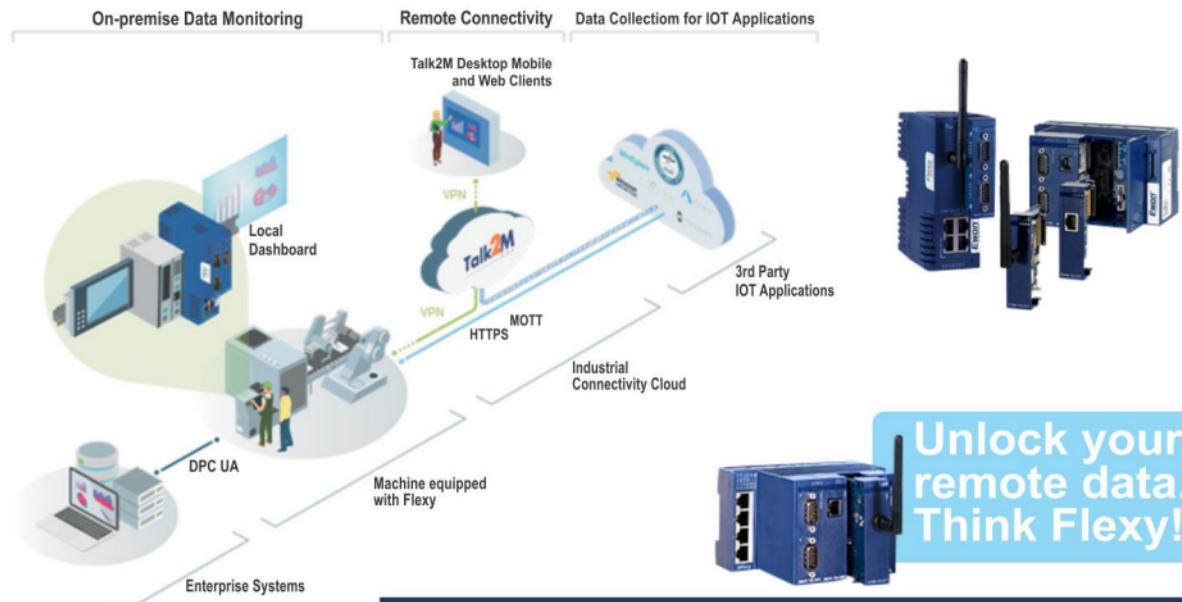
Unlock your remote data. Think Flexy!

Get real-time data from industrial machinery on the factory-floor
- presented to .NET-based IT applications. All current Anybus .NET gateways
have Microsoft .NET capability. They can also communicate with industrial
Fieldbus or industrial Ethernet networks.

o Transfer production KPIs from the floor into a real time tracking system
o Send data from a custom-built PC system into a production PLC
o Transfer recipes from a .NET application on a Windows based IT-server to a PLC on the
   factory floor

Connect factory floor data to your IT systems

Microsoft
.NET

Get live machine data for analysis and reporting. Integrate it into a SCADA system or IOT cloud platform. Anybus Wireless Bolt: Award-winning wireless connector giving access via Bluetooth® or Wireless LAN (WLAN)

o Mounted onto a cabinet or a machine and connects over Ethernet.
o Same connector (2x9p;3,5 Plug Connector) for both power and communication
o IP67 rated with a range of 100 meters

**Go Wireless!
Get live machine
data for analysis**

WLAN
Bluetooth®

Ready-made IoT platforms proving complete remote access and management solutions for your connected equipment.

Talk2M: offers a highly reliable, efficient and secure solution for connecting to machines remotely. Program PLCs remotely. Monitor via your HMI, PC, IP Camera or web pages.

Netbiter Argos: enables you to visualize, monitor, manage and control your remote sites and equipment 24/7 with Dashboards, Alarms, Trend Graphs, Reports, and more.
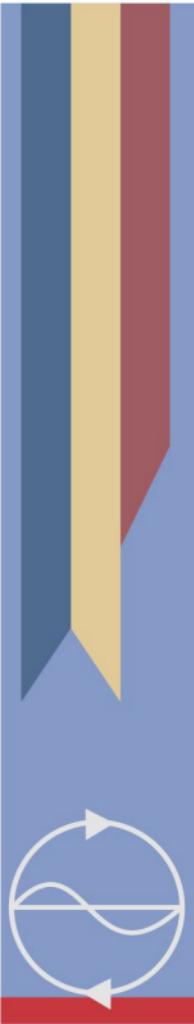
IOT clouds: HMS hardware can provide connectivity to your IOT cloud platform of choice.

o Direct connectivity to ThingWorx with the Netbiter LC-series edge gateways

o Software connectivity to other IOT platforms on request
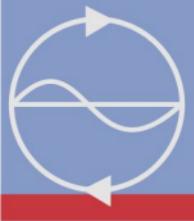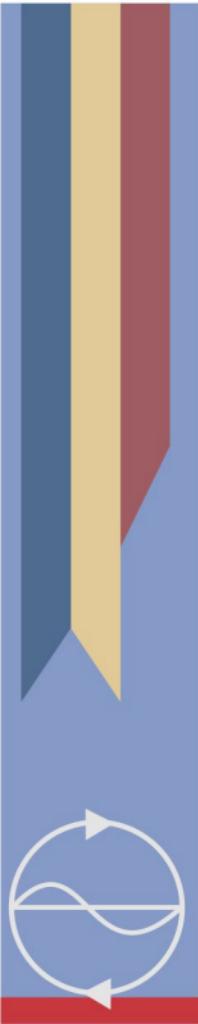
o Connecting cables with socket or plug
o Wiring sockets and plugs
o Splitter boxes
o Jumpers and splitters
o Adapter sockets and plugs
o Connectors for energy storage systems
o Data and heavy-duty connectors
o Ethernet/Profibus/CAN Bus cables, sockets and plugs
o Modular rectangular connectors
o Sensors/actuators cables, boxes and connectors
o Programming and communication cables

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OUR INDUSTRIAL SOLUTIONS AND SERVICES OFFERING

1. Liquid/gas storage/buffer tank level measurement and control
2. Liquid/solid dosing/filling/batching systems
3. Utility liquid/gas metering and inventory systems
4. Fluid loading and unloading systems
5. Industrial safety systems
6. Energy monitoring and management systems
7. Condition monitoring and control systems
8. Instrument maintenance and calibration services
9. Process plants/machines instrumentation and control
10. Compressed air quality solution according to ISO8573
11. Compressed air/gas leak detection and control
12. Control valves system design, assembly and services
13. Industrial wireless and IoT systems
14. Motors, pumps and fans monitoring and controls
15. Electrical panel building components, accessories and services

INDUSTRY

- Food and Beverage
- Pharmaceuticals
- Cement and Chemicals
- Plastics, Printing and Packaging
- Marine, Oil & Gas
- Power and Energy

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SOLUTION & SERVICE