eWON

Unlock new services with your machine data.

Flexy205

IIoT Gateway and Remote Access Router

The eWON Flexy 205 is the new internet data gateway that allows Machine Builders to monitor and collect vital KPIs for analysis and predictive maintenance. With data logging, alarming, built-in web interface, scripting and enhanced internet connectivity, the Flexy 205 is a versatile Internet Gateway for your IoT deployment. It also supports VPN Remote Access for remote troubleshooting of the equipment.

www.ewon.biz

HMS Connecting Devices™

A perfect choice for Data Services

Flexy 205
Your Machine IIoT Gateway

SECURE REMOTE ACCESS
- Allow service engineers to troubleshoot and tune equipment without going on site.
- Secure VPN Remote connectivity using Ethernet (built-in), WiFi or Cellular (extension cards).

DATA ACQUISITION
- Support all major PLC protocols (Siemens, Rockwell, Mitsubishi and Schneider and many others + Modbus, OPC UA, BACNet/IP).
- Enable alarming, machine KPIs, historical logging.

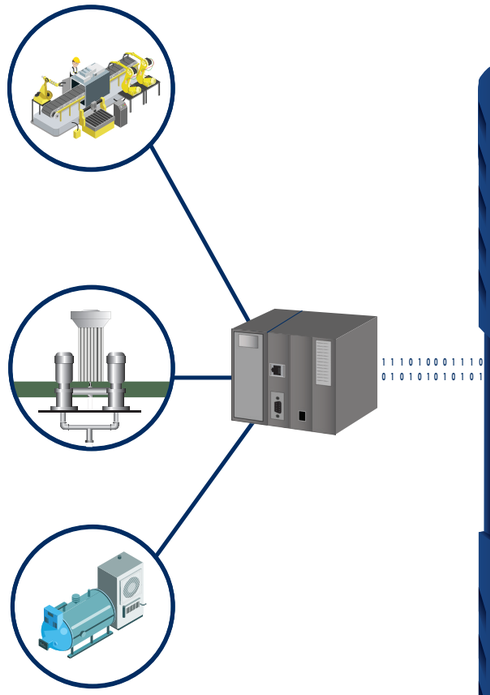
DATA LOGGING AND RETRIEVAL
- Log up to one million time-stamped data values.
- Logged files can be easily retrieved or sent for data aggregation and analysis using HTTPs, MQTT or FTP.

ALARM & EMAIL / SMS RELAY
- Configure alarms on key parameters.
- Send notifications by e-mail or SMS using relay services.

LOCAL HMI
- Embed web dashboards (HMTL5) to present real-time machine data.
- Use the M2Web services to allow your customer to monitor these dashboards from smartphone or tablet.

PROGRAMMABLE USING BASIC SCRIPTING OR JAVA
- Customize your gateway with Basic Scripting.
- Develop a Java application for advanced features such as writing a custom I/O driver, optimizing your application or integrating with 3rd party applications.

OPC UA
- Embedded to offer easy-to-deploy data integration for factories.



COMPATIBLE WITH MAJOR PLC BRANDS/ PROTOCOLS

Allen-Bradley · Rockwell Automation Encompass Product Partner · Schneider Electric · Mitsubishi Electric Factory Automation · SIEMENS · OMRON · VIPA · e-Factory Partner Product · ABB · Hitachi Inspire the Next · ODVA · Modbus Member · OPC UA · BACnet

... and many more

REMOTE SERVICES

IIoT SOLUTION PARTNER APPLICATION

eWON IIoT Solution Partner

Tested and validated turn-key solutions, from the HMS/eWON IIoT Ecosystem.

YOUR BUSINESS APPLICATION

Read your machines' data with your Business Intelligence application software

COMPATIBLE WITH MAJOR CLOUDS

Microsoft Azure · amazon web services · PREDIX · IBM Bluemix · MindSphere

... and many more

HMS provides IIoT ready solutions

Talk2M APIs
- Real time data
- Historical data
- Alarm events

REMOTE DATA

Remote Data provides advanced data services including **data logging and retrieval, alarm and email/sms relay** and **local HMI.**

This solution makes **performance monitoring** and **proactive maintenance** possible.

REMOTE DATA

MONITOR YOUR INSTALLATION

by accessing your HMI, PC, IP camera, web pages, etc. remotely from any web browser using Talk2M HTTPS web portal **M2Web.**

PROGRAM AND TROUBLESHOOT PLCs

remotely from your PC using Talk2M VPN client eCatcher and your automation apps (iOS, Android) using eCatcher Mobile.

*Software as a Service
**Connectivity as a Service

Layered security approach

eWON ensures high security using the "Layered security approach" also called "Defense in Depth Approach". This approach preserves information integrity and confidentiality along with information system availability and resiliency.

- **Policy compliance**
- **Network infrastructure**
- **User and access management**
- **Traffic encryption**
- **Firewall**
- **eWON device**

STAR CERTIFIED OSSTMM 3.0 SECURITY TEST AUDIT REPORT

> **"The first implementation has been so positive that we've decided to equip all our new installations as standard."**
>
> **Peter Teunen**, *Technical Superintendent at DEME Group*
> *Products: Flexy and Pluto Live Report (Exakom, IIoT Partner)

Flexy205	IIOT Gateway and Remote Access Router	
	Switch	Configurable LAN/WAN switch; 4x10/100Mb
	SD card reader	Yes
	Input/Output	2xDI, 1xDO
	Historical logging	1 million time-stamped points
	Power Supply	12-24 VDC +/-20%, LPS
	Temperature range	-25°C to +70°C
	Marking	CE cULus FCC
	Warranty	24 months
	Product ref.	Flexy205

Extension cards

	WAN					FIELD		
	EU 4G LTE	NA 4G LTE	4G Verizon	3G+	WiFi	MPI	2 Serial ports	3 USB ports
Product ref.	FLB3204	FLB3205	FLB3203	FLB3202	FLB3271	FLC3701	FLA3301	FLB3601

For additional cards (Ethernet/WAN, PSTN, I/O ...), please contact your sales representative

Download Datasheet from our website, www.ewon.biz

HMS - Sweden (HQ)
Tel : +46 35 17 29 00 (Halmstad HQ)
E-mail: sales@hms-networks.com

HMS - Belgium (eWON)
Tel: +32 67 895 800
E-mail: ewon@hms-networks.com

HMS - China
Tel : +86 010 8532 3183
E-mail: cn-sales@hms-networks.com

HMS - France
Tel: +33 (0)3 67 88 02 50 (Mulhouse office)
E-mail: fr-sales@hms-networks.com

HMS - Germany
Tel: +49 721 989777-000
E-mail: ge-sales@hms-networks.com

HMS - India
Tel: +91 83800 66578
E-mail: in-sales@hms-networks.com

HMS - Italy
Tel : +39 039 59662 27
E-mail: it-sales@hms-networks.com

HMS - Japan
Tel: +81 45 478 5340
E-mail: jp-sales@hms-networks.com

HMS - Switzerland
Tel: +41 61 511342-0
E-mail: sales@hms-networks.ch

HMS - UK
Tel: +44 1926 405599
E-mail: uk-sales@hms-networks.com

HMS - United States
Tel: +1 312 829 0601
E-mail: us-sales@hms-networks.com

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