Ewon®
BY HMS NETWORKS

Flexy 205
for Industrial Data Solutions

IIoT Gateway and Remote Access Router

The Ewon Flexy 205 is an advanced internet data gateway that allows Machine Builders to monitor and collect vital KPIs for analysis and predictive maintenance.

HMS Connecting Devices™

Flexy 205

IIoT Gateway and Remote Access Router

Data Acquisition
- Support all major PLC protocols (Siemens, Rockwell, Mitsubishi, 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.

E-mail & SMS Notifications
- Configure alarms on key parameters.
- Send notifications by e-mail or SMS using Talk2M services.

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

Local Dashboard
- Embed web dashboards (HMTL5) to present real-time machine data.
- Use the M2Web service to monitor the dashboards from smartphones or tablets.

Programmable using Basic Scripting or JAVA
- Customize your gateway with Basic Scripting.
- Develop a Java application for advanced features such as adding a custom I/O driver, optimizing your application or to integrate with 3rd party applications.
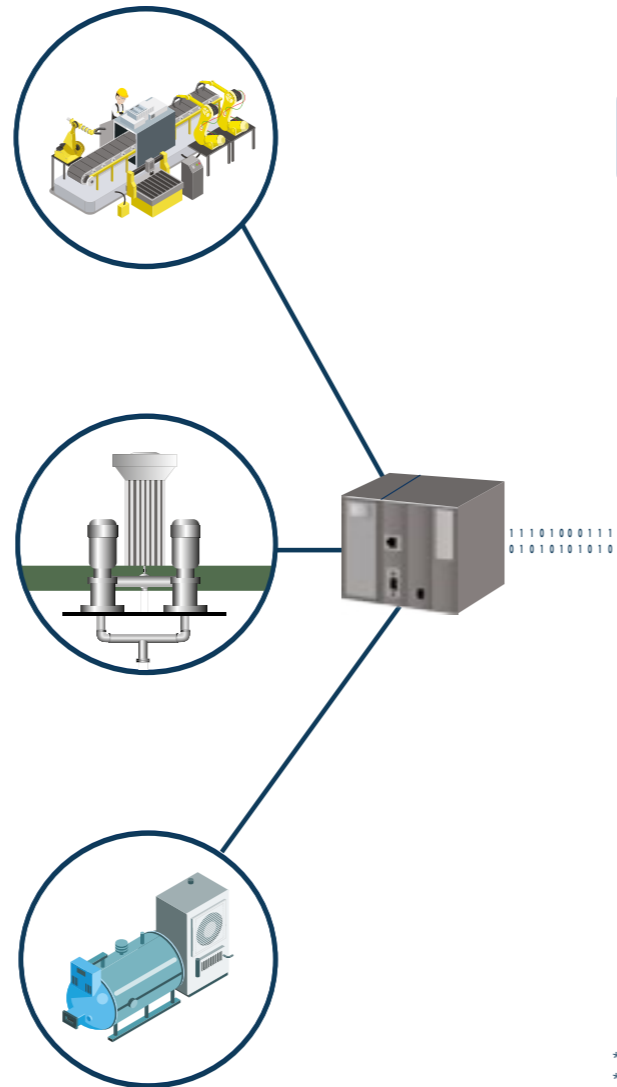
Secure Remote Access
- Allow service engineers to troubleshoot and tune equipment without going on site.
- Secure VPN Remote connectivity using the built-in Ethernet, WiFi or Cellular (extension cards).

Modular router
- 2 slots available to insert extension cards and benefit from wide flexible connectivity.
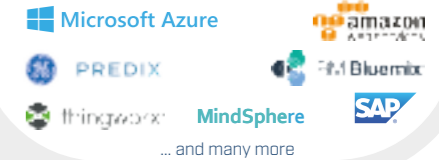
Remote Services

Added value through Solution Partners
Flexy 205 is tested and validated as a Partner Enabled Product within the HMS Solution Partner Program.

Your business application
Read your machines' data from your Business Intelligence application software

Connect with cloud platforms
- Microsoft Azure
- amazon
- GE PREDIX
- IBM Bluemix
- thingworx
- MindSphere
- SAP
... and many more

ALARM | LOG
OPC UA
TAGNAME DATABASE | VPN
IO DRIVER
BASIC JAVA | DASHBOARD

SaaS*
HTTPS MQTT
CaaS**
VPN
Talk2M
HTTPS

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 Access

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

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

*Software as a Service
**Connectivity as a Service

Proven with:
- Rockwell Automation
- SIEMENS
- Schneider Electric
- HITACHI Inspire the Next
- MITSUBISHI ELECTRIC FACTORY AUTOMATION
- OMRON
- ABB
- B&R ELECTRONICS
- CROUZET
- BECKHOFF
- BeiJer ELECTRONICS
- WEINTEK
- YASKAWA
- Pro-face by Schneider Electric

Layered Security Approach

Talk2M ensures high security using the "Layered security approach" also called "Defense in Depth Approach". This approach safeguards information integrity and confidentiality along with information system availability and resilience.

The security of Ewon's solution is regularly audited by independant organizations and has obtained the ISECOM STAR and ISO 27001 certifications.

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

ISO 27001 CERTIFIED

STAR CERTIFIED OSSTMM 3.0

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 ᴿᵁᴸ ᵤₛ FCC
	Warranty	36 months
	Product ref.	Flexy205

Extension cards

	WAN			FIELD			
Ext. cards	4G LTE	3G+	WiFi	MPI	2 Serial ports	I/O	3 USB ports
Product ref.	FLB3204 (EU) FLB3205 (NA) FLB3203 (Verizon)	FLB3202	FLB3271	FLC3701	FLA3301	FLX3402	FLB3601

For additional cards (Ethernet/WAN, PSTN, ...), please contact your sales representative
Download Datasheet from our website **www.ewon.biz**

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