



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.

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 (HTML5) 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.



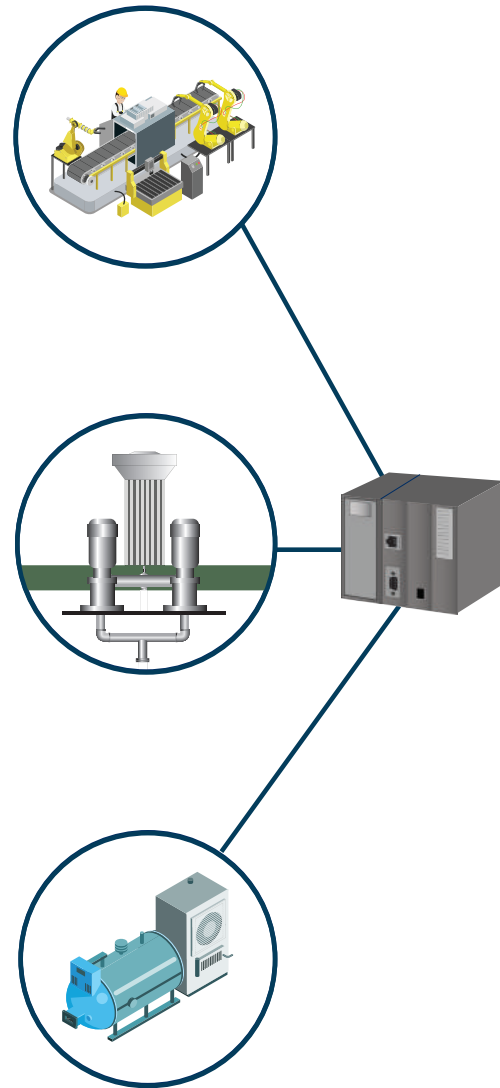
Secure Remote Access

- 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.



*Software as a Service
**Connectivity as a Service

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



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.

Proven with:



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 independent 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
SECURITY TEST AUDIT REPORT

“The first implementation has been so positive that we’ve decided to equip all our new installations with Flexy 205 as standard.”

Peter Teunen, Technical Superintendent at DEME Group

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  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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