

Unlock new services  
with your machine  
data.



# Flexy205

## 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. With data logging, alarming, built-in web interface, scripting and enhanced internet connectivity, the Flexy 205 is a modular Internet Gateway for your IoT deployment. It also supports VPN Remote Access for easy troubleshooting of your distant industrial equipment.

# The perfect choice for Data Services

# Flexy 205 Your Machine IIoT Gateway

## REMOTE SERVICES

### 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, 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.

### EMAIL & SMS NOTIFICATIONS

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

### LOCAL DASHBOARD

- Embed web dashboards (HTML5) to present real-time machine data.
- Use the M2Web service to monitor these dashboards from smartphones or tablets.

### PROGRAMMABLE USING BASIC SCRIPTING OR JAVA

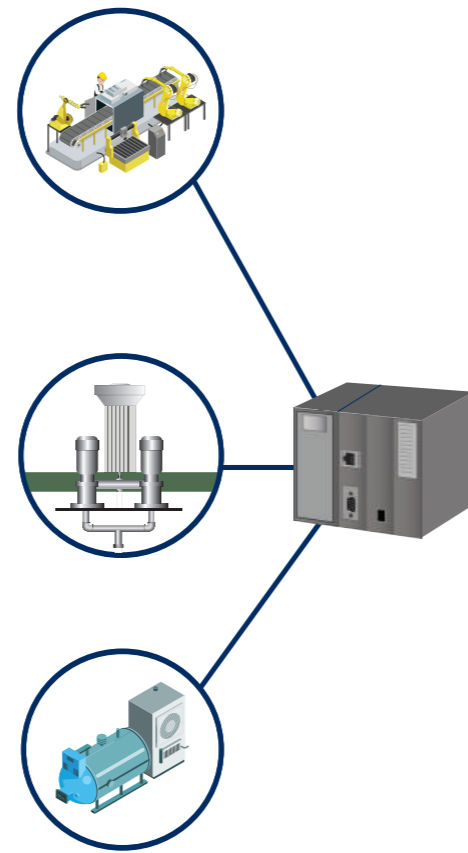
- Customize your gateway with Basic Scripting.
- Develop a Java application for advanced features such as adding a custom I/O driver, optimizing your application or integration with 3rd party applications.

### OPC UA

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

### MODULAR ROUTER

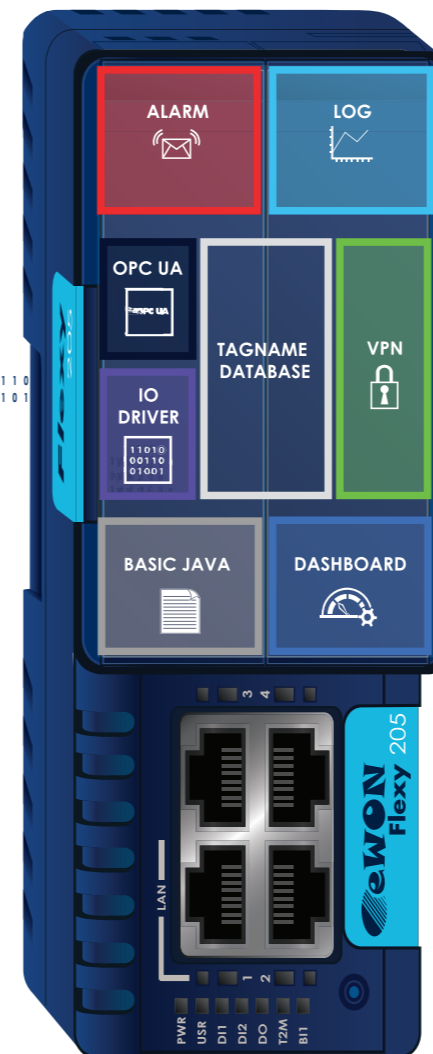
- 2 slots available to insert up to 2 extension cards and benefit from wide flexible connectivity.



#### COMPATIBLE WITH MAJOR PLC BRANDS/ PROTOCOLS



... and many more



#### IIoT SOLUTION PARTNER APPLICATION



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

#### CONNECT WITH CLOUD PLATFORMS



... and many more

SaaS\*\*

HTTPs  
MQTT

CaaS\*\*

VPN



#### 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

## Layered security approach

Talk2M 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.



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



**“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*

Flexy205	IIOT Gateway and Remote Access Router	
	<b>Switch</b>	Configurable LAN/WAN switch; 4x10/100Mb
	<b>SD card reader</b>	Yes
	<b>Input/Output</b>	2xDI, 1xDO
	<b>Historical logging</b>	1 million time-stamped points
	<b>Power Supply</b>	12-24 VDC +/-20%, LPS
	<b>Temperature range</b>	-25°C to +70°C
	<b>Marking</b>	CE  US FCC
	<b>Warranty</b>	36 months
	<b>Product ref.</b>	Flexy205

## Extension cards

	WAN			FIELD			
	4G LTE	3G+	WiFi	MPI	2 Serial ports	I/O	3 USB ports
							
<b>Product ref.</b>	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, <a href="http://www.ewon.biz">www.ewon.biz</a>							

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