Ewon®
BY HMS NETWORKS

Argos

Wind turbine

Generator

Cooling system

Base station

Fuel tank

Pump

Ewon®
BY HMS NETWORKS
Netbiter EC360

- Modem
- CAN
- RS232/RS485
- Uplink/WAN
- Gateway
- Power

CELLULAR

GPS

PE   WAN   LAN   RS485   RS232
                  A B COM   Rx Tx GND

USB SIM MODE   HI PE LO GND COM AI4 AI3 AI2 AI1 DI2- DI2+ DI1- DI1+ COM NO   Power
                        CAN   Analog In   Digital In   Relay   9-32 VDC

Java
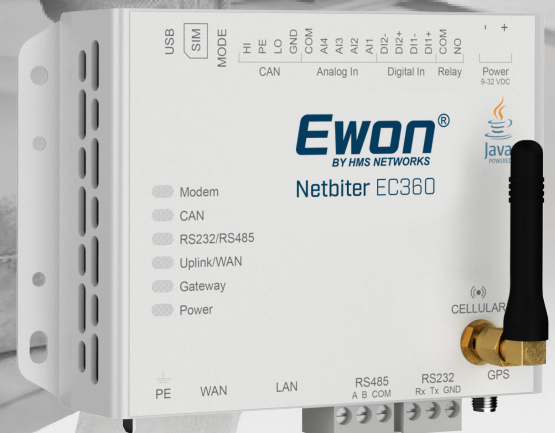
Optimize the operational efficiency of your assets

With Ewon Netbiter connected to the cloud solution Argos, remote installations can be monitored and controlled online.
Track performance and get alarms.
Manage and configure your equipment via a regular computer or smartphone.

HmS Connecting Devices™

24/7 Remote Management

Easy access to your field equipment anytime, anywhere

As an equipment manufacturer, owner or caretaker, you need to make sure that your machinery is operational. However, on-site maintenance and service trips are expensive and time-consuming.

With a Netbiter gateway connected to the cloud service Argos, you have a way of staying on top of equipment status and operations remotely. You can track its performance, get alarms if something is wrong, and even manage and configure your equipment via a regular computer or smartphone.

The results? Substantially reduced costs for service and better control of your equipment — benefits which will have effect on your business from day one.

Why cloud technology?

- Software is provided as a service.
- Instant, secure access from any web browser.
- Designed for scalability – use with one-off installations or large multi-user projects and sites.
- Benefit from continuous improvements without the need for software upgrades.
- Easy integration with other tools and applications.

How it works

1. Netbiter gateway
The Netbiter gateway sends encrypted data via the cellular network or Ethernet to the Argos data center in the cloud.
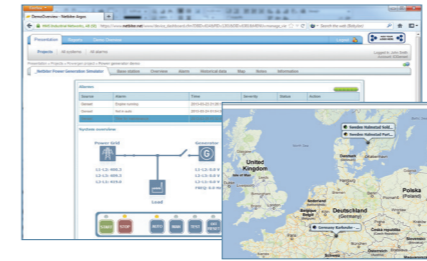
2. Secure data on Argos
The Argos data center is a secure, cloud-based hosting service where all your data is stored and accessed.
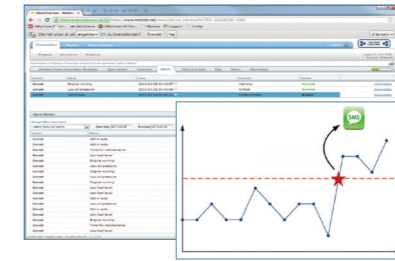
3. Web access and alarms
Log in to www.netbiter.net to access your equipment via a regular PC, tablet, smartphone etc. Alarms can be received via email or SMS.
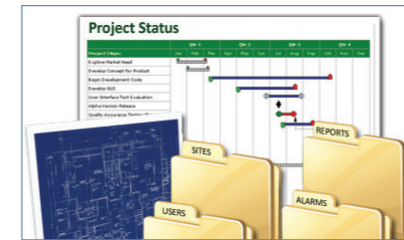
What you can do online with Argos
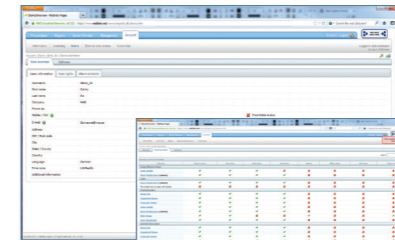
Visualize, monitor and control
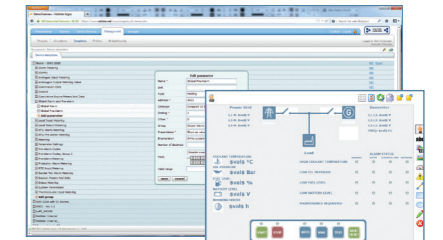
Detect critical events

Analyze logged data

Project management

User management

Tools and editors

Application integration

The Argos Application Programming Interface (API) allows data from your field equipment to be presented in your own software applications, for example in report tools or other applications. It is also possible to build a custom-made front end.

Custom front end

Service planning

Report tools

Enterprise applications

Multi-language support

Communication gateways

Easy to connect

Netbiter gateways connect to your equipment via Modbus (serial or Ethernet), EtherNet/IP, SNMP, CAN J1939 or an I/O connection. Communication with Argos is done via Ethernet or the cellular network (4G, 3G or GSM/GPRS).

The secure way to control field equipment

Netbiter's secure communication method removes the need for a VPN connection. You simply connect the gateway to your equipment and manages it via Argos.

Netbiter gateway	Ethernet	Ethernet, 4G, 3G or GSM/GPRS
When you buy a Netbiter gateway, you automatically get access to Argos at www.netbiter.net. Find the right service level for you in the table below.	EC310	EC360

Argos services

	View and Control One user - One system	Manage and Analyse Multiple users and system
Monitor and control equipment remotely	✔	✔
Alarm management and notifications	✔	✔
View and download trend data	✔	✔
Use dashboards and templates	✔	✔
Map view with alarm status	✔	✔
Optional remote access mode	✔	✔
Profile management/deployment	✔	✔
Single point of access to all installations		✔
Consolidated data management		✔
User and project management		✔
Report generator		✔
API for enterprise integration		✔
	Included with Gateway	Subscription

Part No: MKTLF0034-EN 2.0

HMS **Connecting Devices**™

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