



netbiter[®] *Remote management of industrial equipment*

Monitor and control field equipment over the web

How do I manage equipment in the field?



What is the fuel level of my backup power generator?

How can I test start it without being on site?



How much power are my wind turbines producing?

Do they need service?



Is my pump station operating?

How much water is it pumping?



How can I configure my PLC remotely?

How can I operate my system without being on site?

Netbiter Remote Management

Access your field equipment anytime, anywhere

As an equipment owner or caretaker, you need to make sure that your machinery is operational 24/7. However, on-site maintenance and service trips are expensive and time-consuming.

The results?

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

With Netbiter, 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 it via a regular computer or smartphone.



Connect a Netbiter gateway to your equipment in the field...



...and the information from the equipment automatically shows up in your web browser.

netbiter® Remote management

How it works:

With the cloud-based Netbiter remote management solution you can monitor and control your field equipment from any location. You see all parameters live in a web dashboard and receive alarms and event notifications via email or SMS whenever certain thresholds are reached.



Start / Stop equipment
Trends and Reports

2. Secure data storage in the cloud

The Netbiter Argos data center is a secure, cloud-based hosting service where all your data is stored and accessed.

1. Netbiter gateways

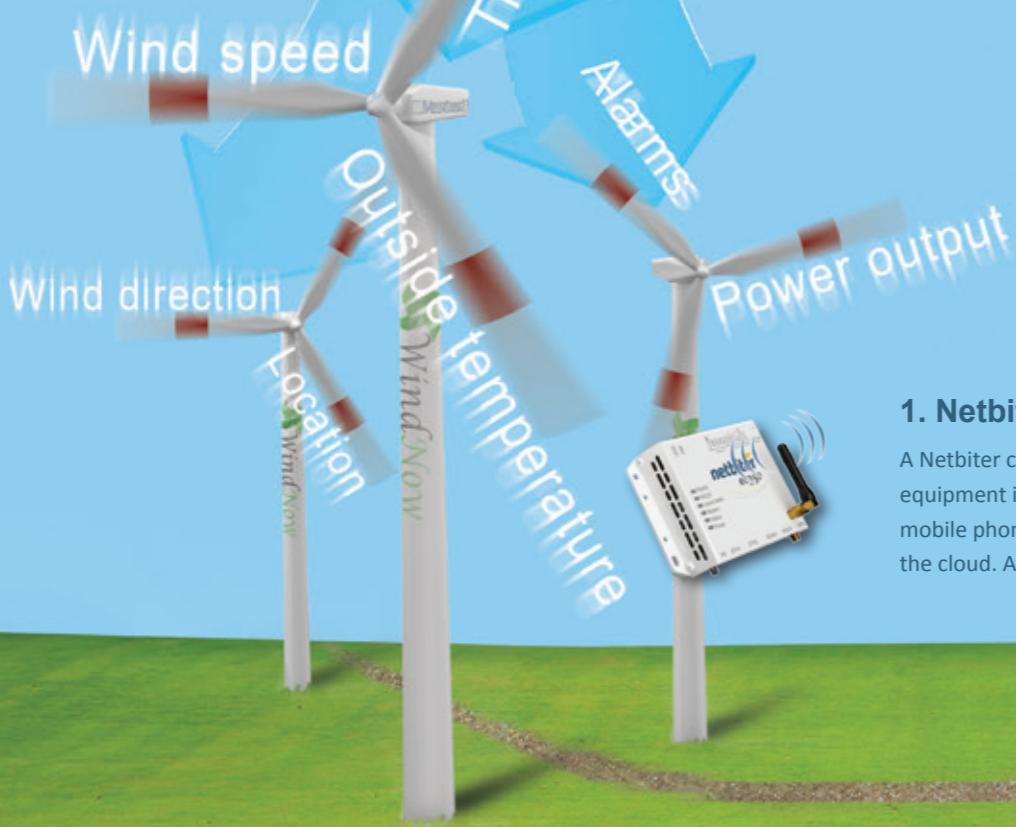
A Netbiter communication gateway connects to your equipment in the field. The gateway sends data via the mobile phone network or Ethernet to Netbiter Argos in the cloud. All data is encrypted.

3. Web access

You log in to www.netbiter.net to access your equipment via a regular PC, tablet, smartphone etc. You can also get alarms via email or SMS.

Why cloud technology?

- Software is provided as a service which means no costly software installations and lower maintenance costs.
- Instant, secure access from any location and any platform.
- Designed for scalability – pay per use.
- Benefit from continuous improvements without the need for software upgrades.
- Easy integration with other tools and applications.
- Reduces the need for large capital investments.





Remote access: Configure and operate machinery remotely

The powerful Netbiter feature "Remote Access" allows you to open up a secure connection to remote machinery and configure or operate it from any location.

For example, with a Netbiter connected to your PLC, you are able to perform remote debugging or re-program the PLC from any location.

You can use your regular PLC configuration software just as you would if you were on site. All you need to do is to install a driver on your PC and your computer is connected to the remote PLC.

Just like pressing a button on site

By configuring and troubleshooting your machinery remotely, you will save a lot of time and travel costs. You will also be able to provide better and faster service to your customers.



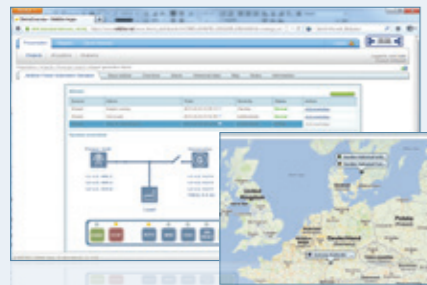
netbiter argos

Your cloud solution for equipment management

Log in — Take control!

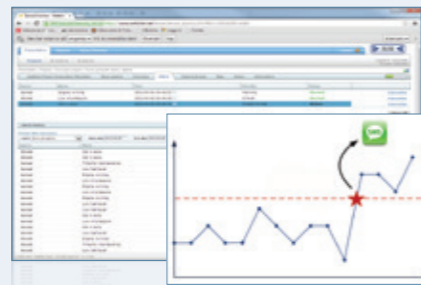
Netbiter Argos (www.netbiter.net) gives service engineers and other users access to data from field installations via a regular computer, tablet or smartphone.

What can you do online inside Netbiter Argos?



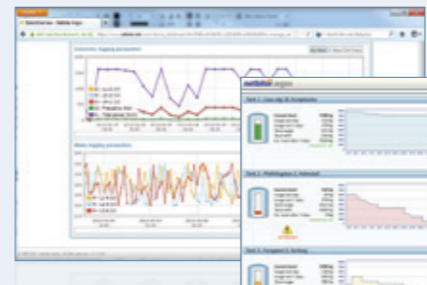
Visualize, monitor and control

A graphical user interface gives you a quick overview of system status. You easily design an intuitive layout for monitoring and control.



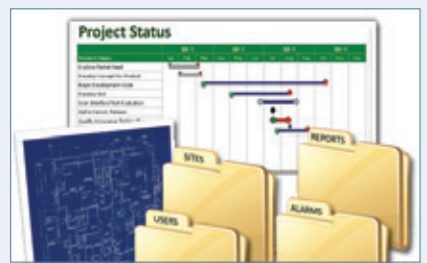
Detect critical events

The alarm and event handler can be set to keep an eye on critical thresholds. In case attention is needed, a notification is sent to the responsible person via email or SMS.



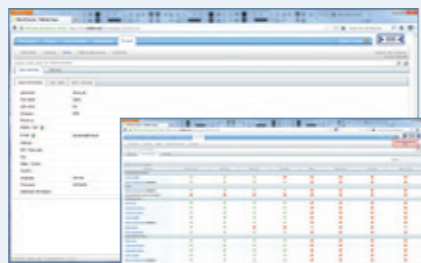
Analyze

Analyzing trend data makes it possible to understand application behavior. Data recorded from the field can be presented in trend graphs, reports or in third party applications.



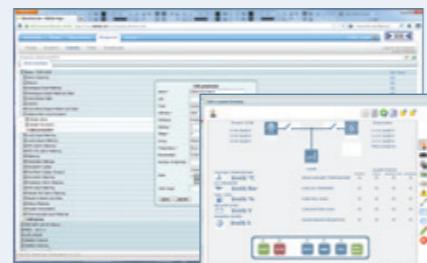
Project management

Group and organize sites into projects to get a good overview.



User management

Control project access, read/write permissions and distribute alarm notifications. Permission control is applied per individual user.



Tools and editors

It is easy to create a configuration and design a graphical application interface with the use of built-in tools and editors.

Application integration

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



Custom front end



Service planning

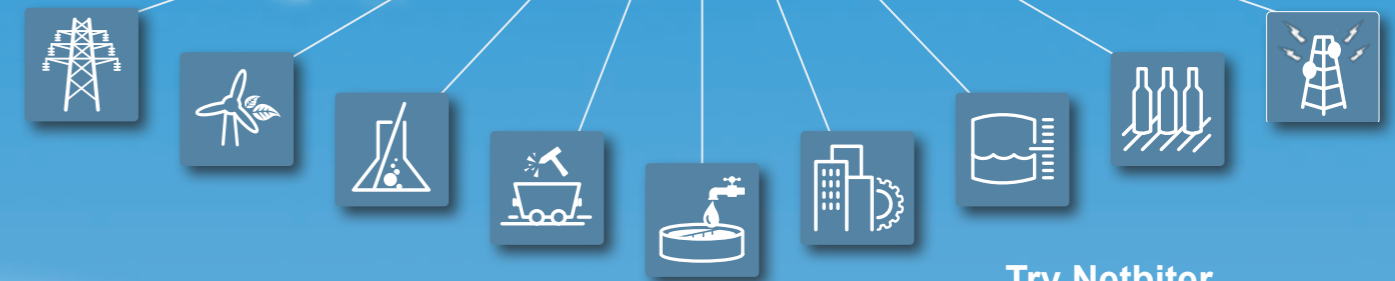


Report tools



Enterprise applications

netbiter argos



Try Netbiter Argos today!

Log in to www.netbiter.net
User: demouser
Password: demouser

Multi-language support



Communication gateways

Easy to connect

Netbiter gateways connect to your equipment via Modbus (serial or Ethernet), EtherNet/IP or an I/O connection. They communicate with Netbiter Argos via Ethernet or the mobile phone network (3G or GSM/GPRS).

The secure way to control field equipment

Netbiter's secure communication method means that you do not need a VPN connection. You simply connect the gateway to your equipment and manage it via Netbiter Argos.



	EasyConnect 150	EasyConnect 220	EasyConnect 250	EasyConnect 350
Connection to equipment	Modbus (serial or Ethernet), SNMP or I/O	Modbus (serial) or I/O	Modbus (serial or Ethernet), SNMP or I/O	Modbus (serial or Ethernet), SNMP, EtherNet/IP or I/O
Connection to Argos	Ethernet	GSM/GPRS	Ethernet or GSM/GPRS	Ethernet, 3G or GSM/GPRS
Housing	Two versions — plastic or metal	Metal	Plastic	Two versions — plastic or metal
Remote access functionality	No	No	No	Yes

Netbiter Starterkits

Netbiter Starterkits give you the possibility to quickly and easily evaluate the product and all its functionality. It contains a Netbiter gateway, accessories, documentation and Netbiter SIM-cards for 3G/GSM/GPRS versions.



Scan the QR code to see how to get up and running in 6:33 minutes.
www.netbiter.com/starterkits

What users say

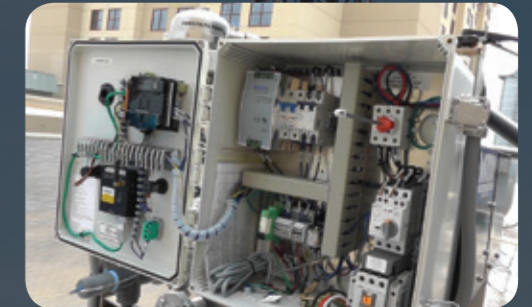


“Netbiter has spared us a lot of service trips which means savings in time and money, but more importantly, we have better control of the generators and can monitor all parameters in real time through a web browser.”

*Yashar Mailov
 NetService, Azerbaijan*

“We can use the same remote management solution for deployment all over the world.”

*Carl Steffen
 VRTX Technologies, USA*



“Since everything is ready-made in the Netbiter solution, you don't have to be a technician to set it up. Everything is configured in a regular web browser.”

*P-A Claveroth
 Triplesign, Sweden*



HMS Industrial Networks



The Netbiter solution is developed by HMS Industrial Networks, a market leading independent supplier of industrial networking and remote management solutions. HMS has offices and distributors, and partners in over 50 countries worldwide helping your business minimize service operating costs and improve equipment efficiency.

Support from the innovator of the industry

HMS is one of the pioneers of the remote management market and has grown to become one of the leading knowledge hubs within remote management and machine-to-machine communication. This expertise is at your disposal all the way through your remote management project.



www.netbiter.com

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