



netbiter[®] - Remote management of industrial applications

Save time, save energy, save resources!

There is a greater need today to streamline, cut costs, improve efficiency and become more environmentally friendly than ever before. Efficient remote management of installations, machines and equipment is a way to meet these demands. Take a look and see why Netbiter® is the unrivalled remote management solution on the market today!

Your challenges

- Minimize scheduled and emergency on-site service
- Optimize service operations through efficient machine/device usage
- Help to minimize expensive equipment downtime
- Protect installations, site assets and the environment
- Maximize your return on investment



Site management examples

What is the content level of the tanks?

Is the temperature level stable?

When should the tanks be refilled?



"We understand the value of partnership with our customers. For many years, we have built long-standing relationships with many of the world's leading industrial automation companies."

How much power is the wind turbine producing?

Is it operating properly?

Does it need a service?



We understand the potential and benefits with remote management and the challenges faced by our customers. With the Netbiter solution we help you save time, save energy and save resources."

Is my pump station operating?

Are there any alarm conditions?

How much water is it pumping?



NETBITER® REMOTE MANAGEMENT FOR ALL INDUSTRIAL MARKETS

Industrial machinery

Netbiter customers are reducing emergency repairs, minimizing down time and are able to keep control of logistics.

- Store and analyze process data
- Monitor equipment health
- Notify service engineers in the event of a problem
- Streamline logistics and inventory processes



Building automation

Building managers are using Netbiter to optimize the energy consumption of their facilities.

- Reduce energy consumption
- Monitor ventilation, heating, cooling and security systems
- Improve facility efficiency



Power generators

A backup power generator may not run often, but when needed it is critical that it performs properly.

- Monitor health and readiness
- Instant access to fuel level, oil-pressure, battery voltage, etc.
- Remote start/stop to verify operation
- Minimized on-site service



Tank management

The Netbiter helps to keep logistics and content levels under control.

- Monitor tank level and temperature
- Schedule stock-up refills
- Optimize logistics



“Through the Netbiter® solution you have instant access to your industrial installations, machines and devices directly at your fingertips.”



Pump and pump stations

Keep installations under control and direct service engineers to where they are needed.

- Notify service engineers on operation interrupts
- Minimize on-site service
- Instant access to equipment status
- Improve equipment efficiency



Renewable energy

Netbiter helps to keep the energy return on investment (EROI) under control and reduces unexpected downtime.

- Instant access to performance data
- Minimize downtime
- Minimize on-site service



**STREAMLINE YOUR OPERATIONS WITH THE NETBITER®
TURN-KEY SOLUTION FOR REMOTE MANAGEMENT**

The smarter solution

Remote management enables you to connect and manage industrial installations, machines and devices via the Internet. With the Netbiter platform, this is taken one step further.

The Netbiter platform includes all the necessary components to provide a seamless and scalable remote management solution consisting of:

Netbiter communication gateways

A range of both wired and wireless industrial gateways and accessories that enable remote communication with equipment.

Netbiter Argos data center

Application specific online data centre for gathering and storage of equipment data from Netbiter communication gateways, enabling monitoring and control of your devices, machines and installations.

An “all inclusive” secure hosting package that provides a breakthrough solution for secure access through firewalls and mobile telecom networks.

Streamline your operations

The innovative and proven Netbiter remote management platform helps companies in a wide variety of industrial markets to streamline their operations:

- Minimize scheduled and emergency on-site service
- Optimize service operations through efficient machine/device usage
- Help to minimize expensive equipment downtime
- Enable remote control of field equipment from your desktop with customized control parameters
- Provide an instant and secure platform for alarm management, equipment trends, project management and report generation



- Remote management does not need to be difficult!

- ✓ No IT expertise required
- ✓ No firewall issues
- ✓ No VPN required
- ✓ No static IP needed
- ✓ No programming
- ✓ No hassles



Breakthrough technology - Firewalls

Establishing a secure and reliable communication path over the Internet requires the solving of a number of technical challenges such as firewalls and public IP numbers. Instead of using solutions that are complex and expensive to install and manage (such as VPN, special M2M SIM cards), the Netbiter Argos solution solves the main challenges in a secure way.



Enhance your service contracts

Case story

Primozone AB manufactures ozone generators that provide effective disinfectants and sanitizers for water. Customers are offered a 20 year service and support agreement within which Netbiter plays an integral role.

“We and our customers can keep control of the production in a very easy way. Netbiter saves internal resources at the same time increasing our ability to serve our customers.

Our main benefits from Netbiter are:

- Eliminates the need to connect to all sites and machines manually.
- Utilizing the Netbiter Argos server we are able to gather machine data and generate all reports that we need.
- Allows us to generate scheduled status reports that we have implemented into service agreements with our customers.”

Anders Schening, CEO Primozone AB

NETBITER® ARGOS™ - THE SECURE ONLINE DATA CENTER FOR ALL YOUR REMOTE MANAGEMENT NEEDS!

“The Netbiter Argos data center is a powerful tool that automatically gathers and stores your site and equipment data through the Netbiter gateways. It provides you with a comprehensive range of management tools, directly at your fingertips.”

Visualize, monitor and control

The web based user interface provides secure access for authorized users of field installations. By creating application specific dash boards, field data from remote installations can be visually displayed and users are provided full control of equipment parameters.



Diagnostics and data trends

By analyzing historical data and monitoring trends, it is possible to learn how equipment and devices perform in the field. Visualized trends make it easy to analyze field data and spot deviations. For detailed analysis, data can be exported to tools such as Microsoft Excel or similar.



Alarm management

Netbiter Argos provides instant information regarding both current and historical alarm status of each remote site. Thresholds are configured and notifications distributed to the different users of the system, via SMS or e-mail, which allows equipment health and system operation to be monitored.



Instant / scheduled reporting

Netbiter Argos report manager provides professionally looking report capabilities right at your finger tips. Detailed reports based on pre-made templates can be generated instantly or scheduled directly to your inbox.



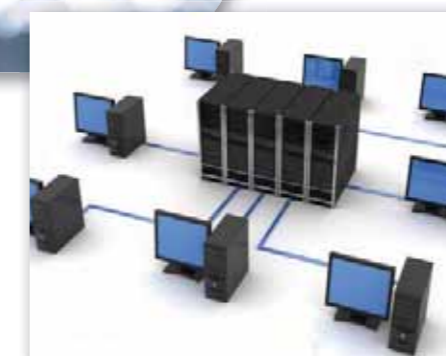
User and project management

The project management system is an important tool for administration of equipment and users, as well as online storage and access for other project related files, such as service reports, blueprints, or project documentation.



Server to server linking

With the use of web services, field data can be linked into any web server, intranet, logistics system or other business system. This powerful feature makes it possible to integrate field data with almost any system.



NETBITER® - COMMUNICATION GATEWAYS THAT CONNECT YOUR INDUSTRIAL EQUIPMENT AND FIELD INSTALLATIONS

Tech tip! - Global positioning

Connect an external GPS receiver to your devices in order to instruct service personnel exactly to the device location.

Easy and improved planning of service routes saves time for any service organization. When equipment alarms occur, they are instantly highlighted in the in-built Google® maps and their precise GPS co-ordinates can be visualized, thus minimizing equipment downtime.



Netbiter WS range

Easy-to-use web gateways with a local server and management functions. Suitable for LAN applications.

- Integrated local web server
- Basic alarm management functions
- Data logger with trend graphs
- Easy web based configuration

Netbiter EasyConnect

EasyConnect are small, robust, remote communication gateways designed to get your industrial equipment and installations online fast! Automatic integration with the Netbiter Argos data center ensures easy web based management of all remote sites.

- Secure access through firewalls
- True plug-n-play installation
- Requires no public or static IP numbers
- Eliminates complex VPN solutions
- On-board I/O and serial ports
- Available with GPRS or Ethernet communication



Netbiter Accessories

Netbiter gives you the possibility to extend your installations by adding additional equipment, consisting of:

- Analog and digital I/O extenders
- Sensors (Temperature sensors etc.)
- GPS receiver



Global presence

The Netbiter product range including the Netbiter Argos data center is developed by Intellicom, a company in the HMS group. Intellicom market and sell standard products through a global sales network of partners, mainly consisting of HMS. Custom designs are handled by Intellicom as well solutions within selected market segments where the Netbiter solution has been tailor-made to suit market specific needs. Some examples are power generation, tank monitoring and renewable energy.

HMS' knowledgeable staff along with distributors and partners in over 50 countries worldwide, are there to help you and your business to minimize service operating costs and improve equipment efficiency.



www.netbiter.com

Intellicom Innovation AB

Tel: +46 (35) 18 21 70
Email: sales@intellicom.se

HMS Industrial Networks - worldwide

HMS Sweden (HQ)
Tel : +46 (0)35 17 29 00 (Halmstad HQ)
Tel: + 46 (0)35 17 29 24 (Västerås office)
Email: sales@hms-networks.com

HMS Italy
Tel : +39 039 59662 27
Email: it-sales@hms-networks.com

HMS China
Tel : +86 (0)10 8532 3183
Email: cn-sales@hms-networks.com

HMS United States
Tel: +1 312 829 0601
Email: us-sales@hms-networks.com

HMS France
Tel: +33 (0)3 89 32 76 76
Email: fr-sales@hms-networks.com

HMS UK
Tel: +44 (0) 121 717 4748
Email: sales@anybus.co.uk

HMS Germany
Tel: +49 (0)721 96472-0
Email: ge-sales@hms-networks.com

HMS Japan
Tel: +81 (0)45 478 5340
Email: jp-sales@hms-networks.com

HMS India
Tel: +91 20 40111373
Email: in-sales@anybus.com

Netbiter® is a registered trademark of Intellicom Innovation, Sweden. Other marks and words belong to their respective companies. All other product or service names mentioned in this document are trademarks of their respective companies.