Remote management of telecom base stations

Save time, save energy, save resources!

Monitor and control all support equipment in your Base Transceiver Station (BTS) over the web.
Your challenges

- Reduce operating expenses (OPEX)
- Optimize energy consumption
- Instant control of KPIs
- Get full control of all your BTS sites

Cut OPEX without modifying your site

As the telecom industry becomes more competitive, you need to lower the expenses of your base stations. At the same time, you also need to maintain full control and reliable operations. By remotely monitoring your base stations over the web, you will have online control of all BTS support equipment. This will enable you to optimize energy consumption, reduce the number of service visits, facilitate maintenance and reduce your carbon footprint.

Netbiter is a remote management solution which achieves all of the above. You will be up and running within a few days and the return on investment is usually a mere couple of months.

Netbiter argos

Is the power generator ready to start?
Is the temperature optimal for the battery's operation?
Do I need to change settings on my FCUs?

What is the energy consumption of my BTS?
How does this compare to my other sites?
What is the current fuel level?
Get full control of all support equipment on your BTS

Netbiter allows you to remotely handle:

- Fault Management (FM) such as alarms and notifications at critical events.
- Configuration Management (CM) — for example setting the cooling temperature on your air-conditioning equipment.
- Performance Management (PM) — Generate reports and statistics.

All this adds up to better control of your BTS — from any location.

- **Power metering**
  See exactly how much energy the BTS is consuming.

- **Rectifier/battery management**
  Monitor the health of your batteries.

- **Genset management**
  Test-start your gensets via the web.

- **Renewable energy management**
  See how much energy the solar panels or wind turbines are producing.

- **FCU/Aircon management**
  Check that temperatures do not exceed certain levels. Control and modify your site’s cooling system.

- **Fuel management**
  Monitor the fuel level in your diesel tanks.

- **Access management**
  Detect when doors have been opened and the site has been accessed.

- **Pssst...**
  Did you know that the Netbiter solution includes an optional fuel sensor which will give you exact fuel levels at any point in time.

- **Get full control of all support equipment on your BTS**

View all parameters from your BTS in an online dashboard.

Get alarms and reports immediately via e-mail or SMS.
What you get
HMS offers a packaged solution for telecom base stations. This is a complete kit including a Netbiter gateway to connect to the BTS equipment and pre-configured dashboards for telecom base stations.

You then add your choice of:
• Fuel sensors
• DC power monitors
• DC/DC converters
• Temperature sensors
• GPS senders
• etc.

Ready-made or customized — it’s up to you
The Netbiter solution for telecom base stations comes with ready-made building blocks, so called “profiles”, which are preconfigured functions for power metering, fuel management, gensets etc.

You can also easily add your own devices and design dashboards which show data exactly the way you want.

What users say
Thousands of Netbiter units are monitoring business-critical field equipment every day. Here’s what two of the users say.

Keeping Azerbaijan talking
“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 power generators and can monitor all parameters in real time through a web browser.”
Yashar Mailov, Service Manager, NetService.

NetService handles the maintenance of the BTS sites for Azerbaijan’s leading telecom company, Azercell.

Making energy savings measurable
“The Netbiter solution provides a stable platform from which to monitor our sites from any location. The automatically generated reports keep our site owners up to date with the relevant information with minimum input from us.”
Andrew Griffin, General Manager, Cinergy

The Cinergy Telecom Wind Tower is a combined telecommunications antenna and a wind turbine making the base station practically self-supporting when it comes to energy.
HMS Industrial Networks

The Netbiter solution is developed by HMS Industrial Networks, a leading independent supplier of industrial networking and remote management solutions. HMS’ knowledgeable staff along with distributors and partners in over 50 countries worldwide, are there to help you and 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.

Try a free online demo on:

www.netbiter.com

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