MORE THAN REMOTE MAINTENANCE
THE MB PRINCIPLE

The remote-service platform mbCONNECT24 offers a comprehensive solution for remote maintenance, data recording and IoT communication. Together with the industrial routers mbNET and the data modems mbSPIDER you receive a ready to use kit that supports the systems of more than 90 well-known automation manufacturers.

**mbCONNECT24 Remote Service Platform**

- Secure and reliable control of machines and equipment via the Internet.
- Central software for remote maintenance of machine control systems.
- Secure access
- Secure
- Secure setting
- Available for various machines

**mbNET Industrial router**

- Central software for remote maintenance of machine control systems.

**mbSPIDER Data modem**

- Professional engineering and recording via the Internet.
- Continuous recording of counter readings, measurements, machine states and warning values.
- Data function
- Web access
- Free programmable

**Monitoring of solar power systems**

- Failure of photovoltaic systems can hardly be solved with the naked eye. The operator can select damages caused by reignitions or reductions in yield by continuously monitoring the systems in detail.
- Use of service technicians and customer incoming
- Alert in case of damage
- Avoid profit loss

**Remote maintenance of cranes**

- Engaging cranes today can be tricky and tiring. This remote control must be flexible. In case of a failure, it can be retrieved quickly with the support of remote maintenance.
- Access to all parameters
- A user-friendly interface
- Connection to modern telecommunication systems
- Recording of workload

**Monitoring via Smartphone**

- App for the remote energy consumption in Europe can be accessed for the facility operator. With the help of cloud access, recorded consumption for the user can also be provided when possible.
- Central remote statement
- Visualization via smartphone
- Less operating costs

**Remote maintenance for packaging machines**

- Packaging machines are characterized by a high degree of automation. Therefore, it is important to get quick support from the manufacturer in case of a failure.
- Support from the manufacturer
- Quick response times
- Online within minutes
- No delivery delays

**Remote maintenance of production lines**

- The mbConnect24 offers universal solutions for the worldwide remote maintenance of machine control systems.
- The specialist at mbConnect24 GmbH have years of experience and a great knowledge base.

**MADE IN GERMANY**

- Our products are being produced safely in Germany, guaranteeing high quality and ensuring jobs in Europe.

**mbCONNECT24 2.0**

The remote service platform for data logging, remote maintenance and M2M-communication.
The remote service platform mbCONNECT24 offers a comprehensive, centralized solution for industrial IoT infrastructure. With the new remote service platform you will further increase your service department into a profit center. Offer your customers a comprehensive solution for the collection and visualization of operating data. Monitor and send alerts, when there are malfunctions. Perform remote diagnosis and remote maintenance quickly and securely over the internet.

Web-based visualization
- configurable dashboard with individual graphic display of the data
- graphical elements, such as pointers and bar graphs, are included
- direct access to Windows/Linux Desktop via HTML5 webbrowser (RDP and VNC)
- barrier-free access for smartphones and tablets via mbWEB2go

Monitoring and alerting
- alerts through SMS, email and/or through the integrated information system
- create customizable alert profiles automated to run on any schedule
- focusing on incidents and alerts, summary of several facilities/plants/equipment on one dashboard
- values can be recorded from controls or via sensors, e.g. temperature sensor at the analog input of the mbSPIDER

Remote maintenance
- project oriented management of machines, equipment and routers
- configure user rights to limit access to specific IP's, ports and protocols with built in firewall on mbCONNECT24
- several users can connect with a router at the same time and work simultaneously
- get started in only a few steps without specific IT-knowledge
- automatic configuration of the industrial routers and data modems

With mbWEB2go machines and lines can be monitored independently from stationary PCs. This easy and mobile web access allows the operator to call up the most important data on the move via smartphone or tablet PC.

The data is being provided to the integrated webserver of the mbNET router as web visualization. The web pages can also be loaded from other ethernet devices of the line that can be accessed via mbNET. The access to the web visualization works with every HTML5 compatible browser.

No additional software, no special client and also no extra app have to be installed. The users can log-in via the remote-maintenance portal simply via user identification and password.

The integrated task management, the mailing system and an alarm management allow a convenient and efficient workflow within the user interface of mbCONNECT24.

Secure Remote Maintenance
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