



REMOTE SUPPORT SOLUTIONS FOR AERIAL WORK PLATFORMS

MOBA[®]
MOBILE AUTOMATION



Modern aerial work platforms are exposed to harsh conditions. With our Remote Support Solution, you complement the equipment of your machine and ensure operational availability at any time and under the harshest conditions.

REMOTE SUPPORT- **SECURE, CLOUD-BASED REMOTE SUPPORT SOLUTIONS OF MOBA**

MOBA Remote Support - Service without Limits

From time to time, machines stop working, which is particularly troublesome if all works comes to a standstill. Especially in a fast-paced time like today, it is even more important than ever to be able to react immediately. Downtimes of the machine are harmful to both operators and manufacturers. An inaccurate remote diagnosis via telephone and the arrival of a service technician cost time, money and the satisfaction of the customer. The remote support solutions of **MOBA** offer the perfect solution.

New Business Models – Reduce your Time to Market (TTM)

The infrastructure developed by **MOBA** allows you to create new business models that offer your customers a decisive added value. As such, you will be able to take your customer service to the next level - with a remote support solution. You can easily handle important services without being on-site, such as monitoring and maintaining your machine on the long run, live supporting in a service case, or regular firmware and software updates. With this proactive support, you can prevent machine downtimes.

Manage your service team particularly effectively! Service technicians can access systems from anywhere via their smartphone, tablet or notebook and react in real-time. The technician, who is closest to the service case, is contacted, analyzes the case immediately, and directly leaves to the customer's if necessary. In this way, you guarantee the fastest possible service at any time and reduce your logistical and administrative service effort to a minimum.

REMOTE SUPPORT - SYSTEM FEATURES & BENEFITS

Real-time support provides your customers with faster response times in a service case. Benefit from minimal machine downtimes as well as time and cost-efficient update options. Support your customers - **directly online**. Our system provides you with all the necessary information, web-based, visually comprehensible and intuitive.

Choose from different hardware concepts and profit from a common basis. Our entry-level system **MOBA CLOUD Gateway WiFi** requires only one Internet enabled mobile phone and you have immediate access to all system parameters and functions. With the built-in memory, you can quickly remotely 'flash' a new firmware or restore a platform configuration from a backup.

SIM card-free solutions reduce the administrative effort and monthly costs to a minimum, providing solutions for the acute need, while **SIM** card-based solutions ideally support the rental business. Offer your customer **ONE** platform for all eventualities.

All systems use the reliable and already a thousand times tried and tested **MOBA Cloud Infrastructure**. Technologically highly developed, it provides the basis for new, innovative product and service concepts.

Everything is developed and operated by **MOBA** - the pioneer of mobile automation and specialized in the aerial work platform market.

SYSTEM FEATURES

- » CAN, CANopen based
- » Modules: WiFi (Only), GPRS, GPS, LTE, Bluetooth available
- » Internal 256 MB memory for maximum security
- » WinCE-based solution available
- » WEB-based configuration interface
- » Versatile interfaces: CAN, CANopen, USB, Ethernet

* Depending on selected hardware..

SYSTEM BENEFITS

- » Direct access to the machine - from anywhere and at any time
- » Proactive support of the machine even before errors occur
- » Short reaction times in a service case
- » Increased machine value through time- and cost-efficient updates and upgrades
- » Minimized administrative effort in a service case

CONNECTIVITY

NEW POSSIBILITIES FOR MODERN AERIAL WORK PLATFORMS



MOBA CLOUD SOLUTION - ACCESS TO YOUR MACHINE ANYTIME

Having access to your machines via the **MOBA Cloud** facilitates a central data management - worldwide and at any time. Our network of high-performance servers guarantees absolute reliability. As such, you have web-based and **24/7** access to the configuration and protocols of your machine. Safety is our number one priority; our server sites are located in Germany and the transmission always is encrypted.

Highly scalable and highly flexible, the **MOBA Cloud** enables you to create completely new business models. The fully web-based access is modular and can be quickly adapted to all requirements. By this means you equip your entire machine contingent with a **remote support** in the shortest possible time. Thanks to the versatile interfaces to third-party software, it is you who determines the scope of your possibilities.

Transform the data of your machine into valuable information and offer your customers a first-class service. Become a pioneer now and profit from the future-proof connectivity of your machine - developed by the pioneer in the mobile automation and aerial work platform specialist.



ACCESS

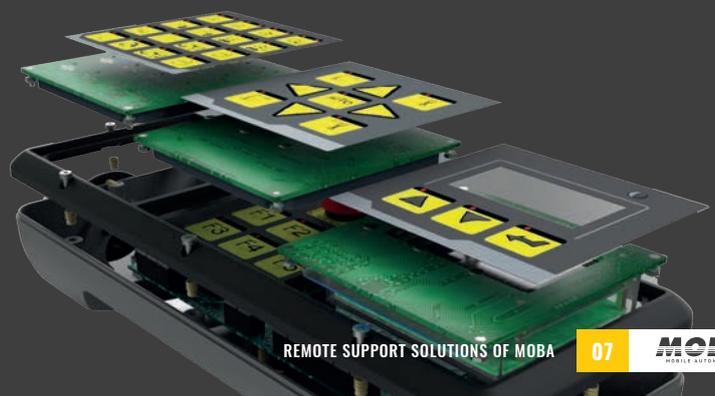
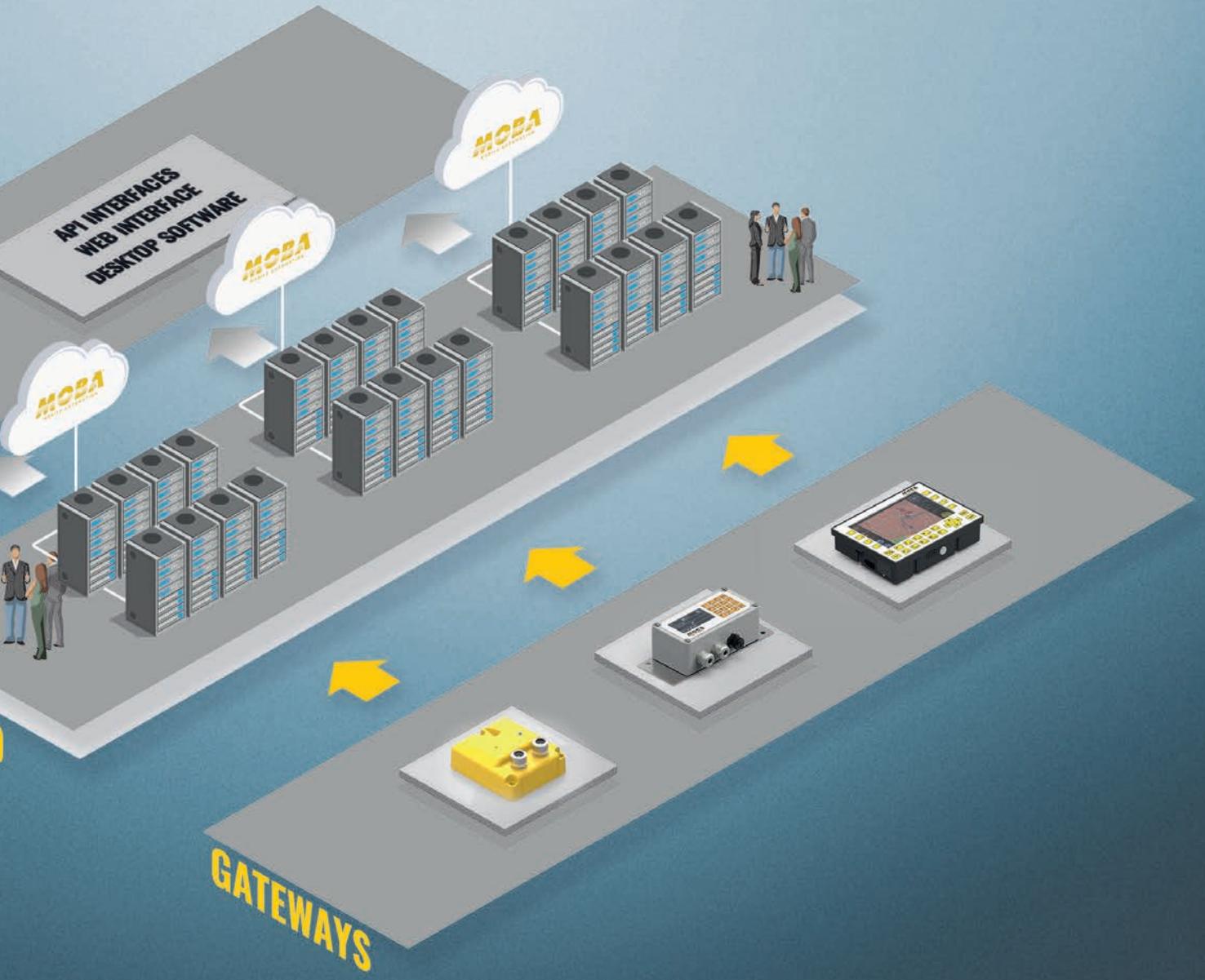


CLOUD

DID YOU KNOW?

Since 1990, MOBA Mobile Automation AG has been a major player in the telematics industry. With worldwide several thousand active vehicles, our systems have repeatedly proven their reliability. Trust the specialist for mobile automation.

In combination with our **HMI^{mc}** products there are even more interesting possibilities. Our sales team will be happy to advise you about this.



CONNECTOR APP - REMOTE SUPPORT WITH ANY SMARTPHONE VIA **WIFI** OR **GPRS & LTE**



INTUITIVELY USABLE APPS
FOR ALL SYSTEMS

Download on the
App Store

GET IT ON
Google Play

Windows
Phone

MODULAR SYSTEM - ROBUST HARDWARE FOR ANY MACHINE

MOBA **CLOUD** GATEWAY **WIFI**

- » SIM FREE solution (control via mobile phone)
- » Transparent access to 2 x CAN BUS
- » Internal memory of 256 MB
- » Protected WiFi communication (WPA2-PSK)
- » WEB-based configuration interface

CANopen



01

MOBA **CLOUD** GATEWAY **MOBILE GPRS**

- » CAN gateway
- » Compact and sturdy design
- » Modules: GPRS, GPS, Bluetooth
- » Internal data protection module
- » Monochrome display

CANopen



02

MOBA **CLOUD** GATEWAY **OPERAND**

- » Full On-board computer
- » Operating system WinCE
- » Touchscreen
- » GPS position data acquisition
- » Modules: USB, WLAN, GPS, Bluetooth

CANopen



03

THREE SOLUTIONS – ONE BASIS WELL-EQUIPPED IN ANY CASE



MOBA CLOUD GATEWAY CONNECTOR - ROBUST, RELIABLE, FLEXIBLE

Decide between the WLAN-based network with the **MOBA CLOUD Gateway WiFi**, the SIM solution **MOBA CLOUD Gateway Mobile** or the top model **MOBA Operand On-board Computer** with a display and an extraordinary bandwidth of further functionalities including a **CANopen** architecture.

1. **MOBA CLOUD GATEWAY WIFI** - WLAN solution without SIM
2. **MOBA CLOUD GATEWAY MOBILE GPRS** - SIM solution including display and keyboard
3. **MOBA CLOUD GATEWAY OPERAND** - Modular telematics solution including SIM, GPS, Bluetooth and touch screen



1



2



3

ONE GROUP - ONE RESPONSIBILITY



◆ HEADQUARTERS ● SUBSIDIARIES ● DEALER

MOBA GROUP

The **MOBA GROUP** is a leading global player in the world of mobile automation. Close collaborations between the headquarter in Limburg an der Lahn and subsidiaries all over Europe, Asia, North and South America create new perspectives for recent and future developments..

Superior technical know-how and more than 40 years of experience combined with an international dealer network guarantee a premium support – **worldwide. INSPIRING MOBILE AUTOMATION** - this is what the **MOBA GROUP** stands for since more than **40 years**.

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