

IIOT READY

SOLUTION



**YOUR ALL-IN-ONE SOLUTION
SECURE REMOTE ACCESS**

Start now!

mbCONNECT24

THE MB CONNECT LINE ECOSYSTEM



SIMPLY.connect

- ✓ Step 1: Connect
- ✓ Step 2: Scan
- ✓ Step 3: Complete



mbWEB2go

- ✓ Direct web access
- ✓ Secure connection
- ✓ View & interact

Software as a service:

- ✓ No initial investment
- ✓ Free base service
- ✓ Grow as you need



mbDIALUP

- ✓ Secure end-to-end connection
- ✓ Go online with remote devices
- ✓ Alarms & Dashboards

Why "Secure Remote Services" ?

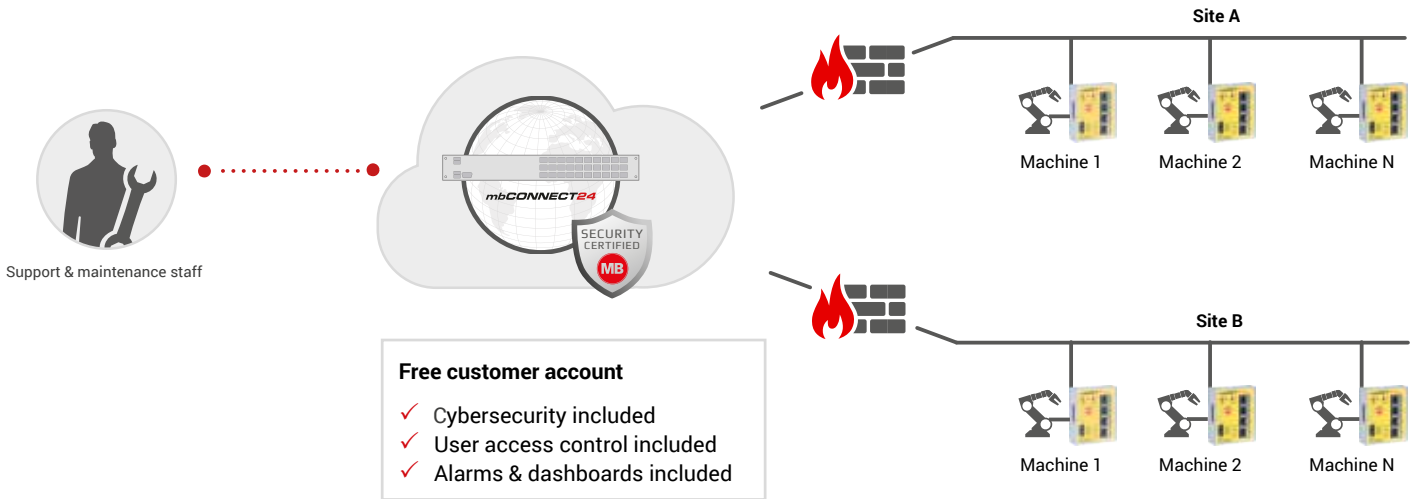


Since automation devices, machines and control systems are now "connected" and part of a more complex service structure, IT security becomes a necessary part of every component or solution design. Yet, the specifics of our industry, the priorities of production, the technologies used, the expertise of the staff make the common goal of "securing the production" look very different when considered from an IT or from an OT point of view.

Because cybersecurity is a race and you only win until next time, we train our staff on security and hacking techniques, so we can design our products with security. We get our source of inspiration from our OT customers, the situations they meet and their use cases, so we can create our products with security by design. We have our processes audited and our solutions tested by independent and renowned auditors & penetration testers. Our security response team follows up on their reports, so we can implement changes and improve when required.

mbCONNECT24: A universal Remote-Services-Portal

mbCONNECT24 is the public remote access service of MB connect line. Each customer account is an independent service, maintained and monitored by MB connect line. The base account package is free and already offers an easy way to filter what user can access what remote router.



An integrated solution:

mbCONNECT24 offers secure remote access, data collection, alarms and dashboards visualization already integrated on the same platform with centralized devices and user management.

An open platform:

Based on common industry standards and open source software, mbCONNECT24 supports connections from third party hardware.

A flexible solution:

Both software and hardware can be customized to display your logo and match your corporate identity, so the service becomes your service to your customers.

Always close to you:

mbCONNECT24 is available as a public service, from four physical hosting locations:

Europe, North America, China and Australia.

mbCONNECT24 & mbNET.mini: Remote Access made simple & easy



mbNET.mini

- ✓ Guaranteed untampered original MB firmware
- ✓ Embedded user accessible firewall
- ✓ 1 DI to control the remote accessibility
- ✓ 1 DI as general alarm signal
- ✓ Supports remote access to USB devices

For 3G/4G & WiFi units:

- ✓ Antennas are included
- ✓ 4 LAN ports: WAN access through embedded modem
- ✓ 3 LAN ports:
 - Internet access can be set through Ethernet WAN or through embedded modem
 - Embedded modem can be set as Internet access failover for Ethernet WAN
 - WAN/LAN routing & firewalling is user configurable

mbNET & mbNET.rokey: Secure Remote Access with Key Switch

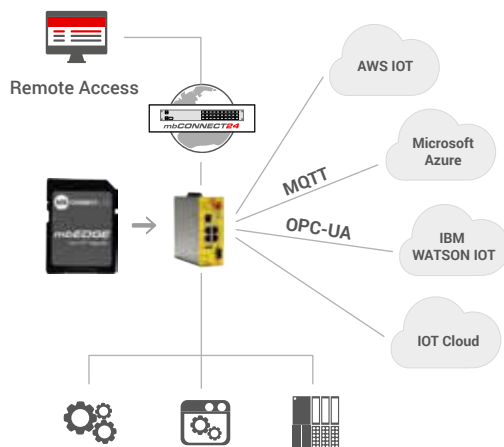


- ✓ On-board 2-level remote access control
- ✓ On-board security chip secures boot, firmware & data
- ✓ 2 DO's & 4 DI's
- ✓ Security by design
- ✓ Optional serial & MPI/Profibus ports
- ✓ Supports remote access to USB devices
- ✓ Upgradable to full Edge gateway capabilities
- ✓ Unique initial password, for each device

For 3G/4G & WiFi units

- ✓ Alternate WAN access on Ethernet with mutual failover
- ✓ 2 SIM card slots
- ✓ Antennas are included

Edge Option: Enable IIoT & Edge Computing on your Remote Access Router



- ✓ Easy edge computing with Node-RED technology
- ✓ Docker/Container environment with pre-loaded Portainer@UI.
- ✓ Access to all mbNET & mbNET.rokey resources
- ✓ Supports OPC UA & MQTT
- ✓ Smooth integration with mbCONNECT24
- ✓ Direct communication with third party cloud services
- ✓ Encrypted data & user application on SD-Card

Advanced features

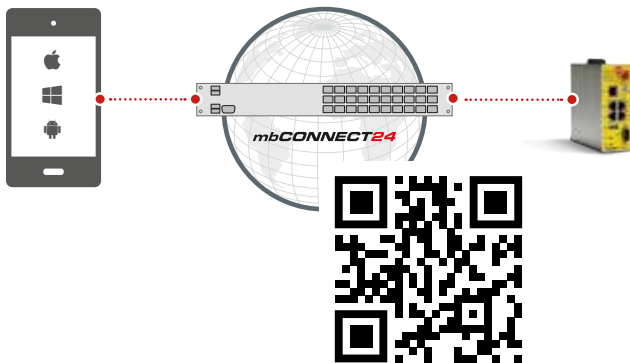
- ✓ Add your own Node-RED nodes
- ✓ Run your own app in user defined containers

mymbCONNECT24: The Remote-Services-Portal you can own



- ✓ Operates independently under the control of your IT
- ✓ Easy integration, management & monitoring
- ✓ Full customization / OEMization capabilities
- ✓ Audited Security Design
- ✓ Minimum 3 patch releases per year
- ✓ Delivered as a VMware or HyperV
- ✓ Hardware and software customization

SIMPLY.connect



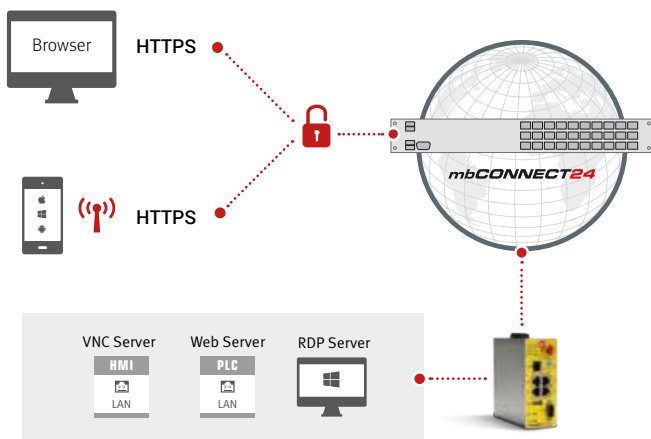
SIMPLY.connect

It has never been so easy to setup a new unit

New units are pre-set to connect automatically to a registration server, as soon as they are powered on and an access to Internet is available.

Login to SIMPLY.connect using your regular account credentials on a private or public Remote-Services-Portal, scan the device ID and unique initial password and reclaim it to your account. The device will appear in the SIMPLY.connect project. You can now drag & drop it to the destination project and finalize the configuration over the secure connection.

mbWEB2go



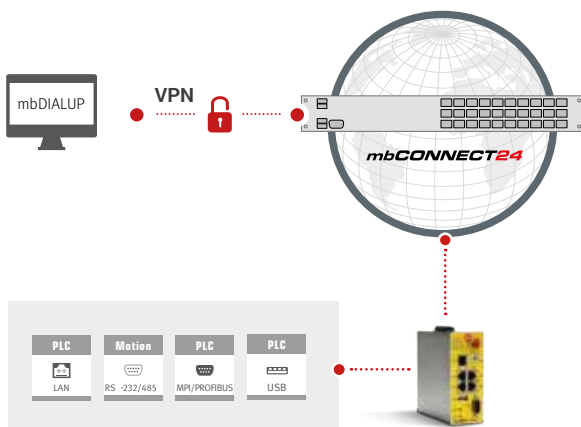
mbWEB2go

Get direct access to your smart devices

Many automation devices today embed web services: PLCs, HMIs, IO blocks... If those come very handy, for both production and service staff, experience shows that security is rarely maintained and access is only local.

mbWEB2go enables these devices with remote access capabilities across a secure connection. You will then interact directly with the unit and get first hand support & service information.

mbDIALUP



mbDIALUP

For those cases where a true end-to-end connection is necessary

mbDIALUP is the secure PC application that connects you with the remote machine network. You are then virtually "on the same cable" and you can use the devices programming environment to upload program changes or go online with the PLC or any other of the remote devices.

With SEARCHoverIP, new devices from many vendors can be autodiscovered as if they were local while with USBoverIP even USB and serial devices can be reached and managed remotely.



MB connect line GmbH offers universal solutions for worldwide Remote Access, Industrial Internet of Things and Automation Cybersecurity. The specialists at MB connect line can draw on years of experience and extensive know-how.

MB connect line GmbH





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