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INDUSTRIAL NETWORK SOLUTIONS > FOR REMOTE ACCESS

Enabled by MBConnect



molex

REMOTE ACCESS SOLUTIONS > FOR INDUSTRIAL APPLICATIONS



**Bringing People, Processes
and Technology Together.**



Sophisticated Design
and Functionality,
Simplified
Configuration,
Deployment and
Operation.

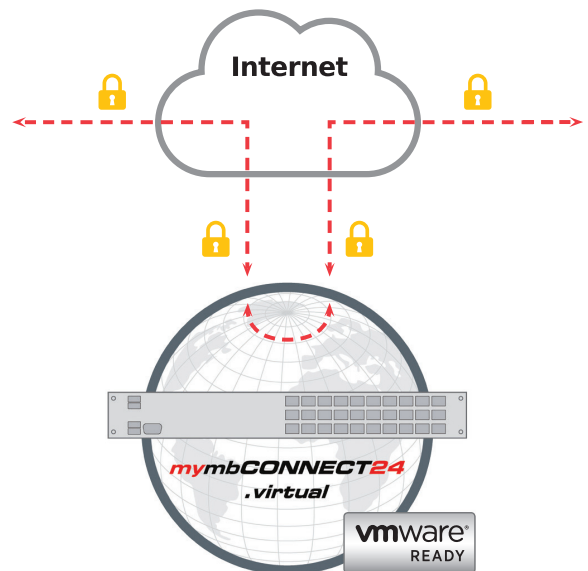
- Designed to be easily configured and operated without IT expertise.
- Effectively communicate to remote machines and control systems.
- Direct connection to machines and control systems without modifying existing network configurations.
- Integrated firewall. The only incoming connection is from the server and no other sources.
- Secure VPN connection, pre-shared keys, SSL encryption, and two-factor authentication.
- Security validated by a BSI certification company with annual audits.

INDUSTRIAL REMOTE ACCESS SOLUTIONS > FOR COMPLETE NETWORK CONNECTIVITY

Industrial Cloud Servers

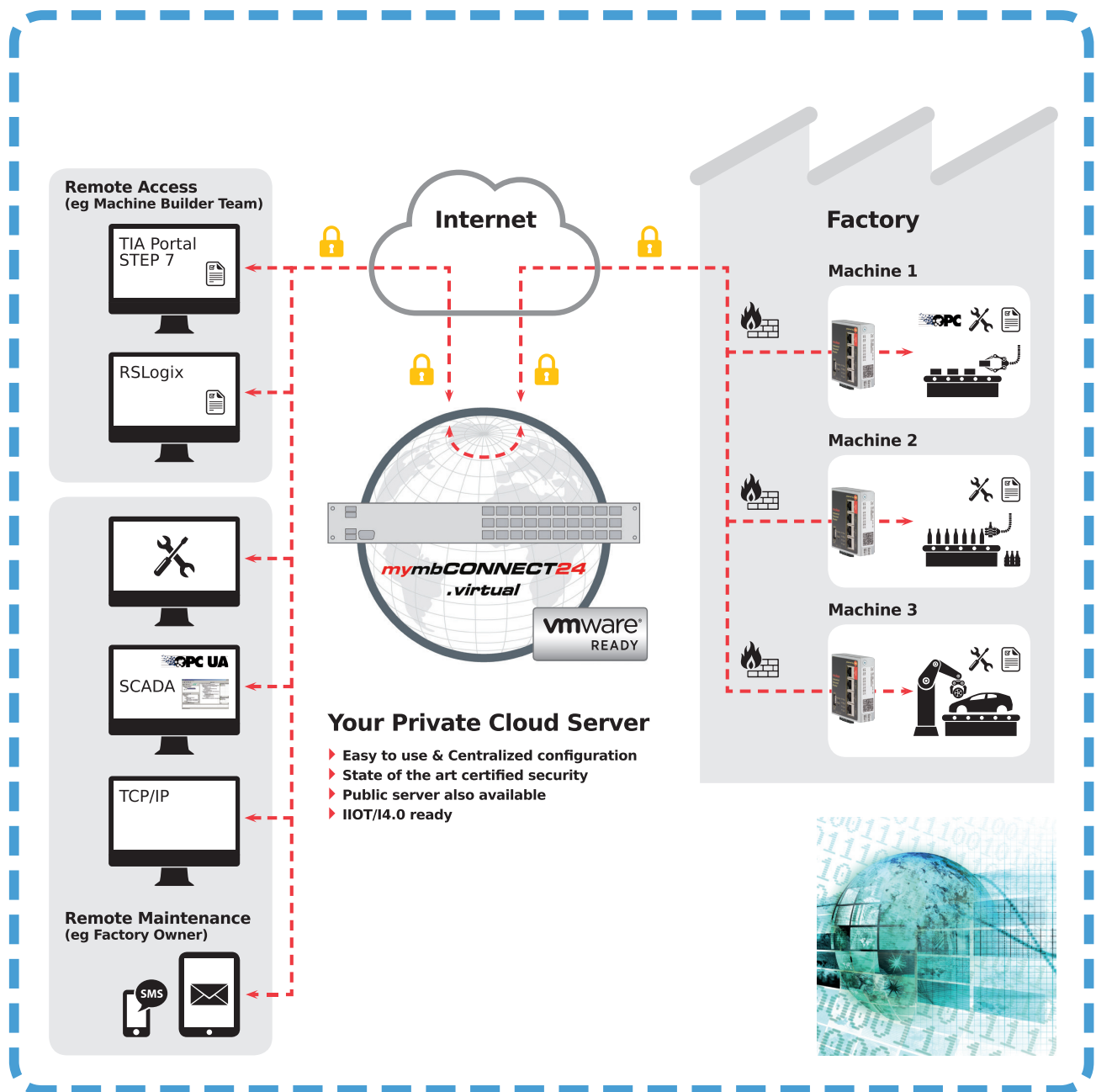
Configure, manage and access automation systems and perform remote operations through audited, cyber secure connections using a public or private cloud server.

- Partnered with MBConnect to provide a platform and portal for secure remote access via the internet.
- Easy configuration, no IT expertise required.
- Centralized Management - all-in-one portal application (device, user management, connections, alarms, dashboard...).
- OPEN VPN security validated by Secuvera, a BSI-certified company.
- Two-factor authentication.
- Secure remote password protocol.
- Scalable, runs on private (your cloud server runs under the control of your IT) or public (ready-to-use server).





Industrial Remote Access Ecosystem



INDUSTRIAL REMOTE ACCESS SOLUTIONS > FOR COMPLETE NETWORK CONNECTIVITY

Moxel Industrial Secured Routers provide a firewalled, seamless integration of a machine into a factory network through cyber-secured remote access, while still designed to be easily setup and operated without needing IT expertise.

Features and Benefits

Own your own server

No dependence on third-party services.
You own the network!

Mobile-device friendly

Works easily on mobile devices and other hardware

WAN Interface for VPN

Use of existing internet connection
Secured with easy-to-use firewall

Wi-Fi interface for VPN

Use of existing internet connection thru Wifi
Secured with easy-to-use firewall

4-port Ethernet Switch

Allow integration without modifying IP configuration using NAT
No need for additional switch

USB Connector

Easy configuration
USB over Ethernet

2 digital inputs

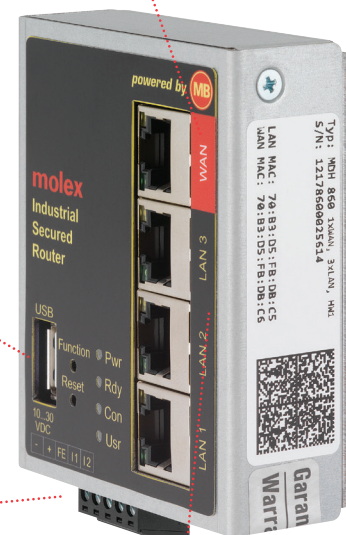
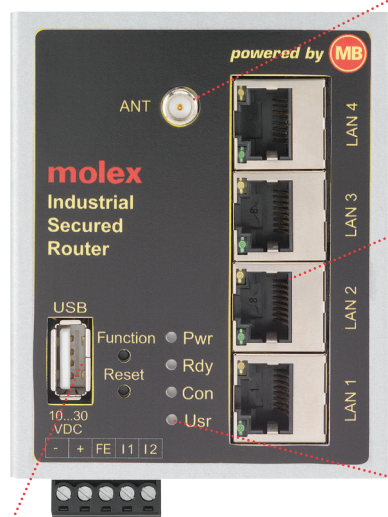
Allows alarm notification.
Allows routing functions to be switched off

Diagnostic LEDs

Status and trouble-shooting made easy with LEDs for power, server connection status and operation status

3-port Ethernet Switch

Allows integration without modifying IP machine configuration using NAT. No need for additional switch



User-Friendly

Easy configuration, no IT skills required. USB over Ethernet



Specifications - Routers

Interfaces

Order No.	112036-5100	112036-5101	112036-5102	112036-5103	112036-5104	Characteristics
Engineering No.	DRL-ISR-100	DRL-ISR-101	DRL-ISR-103	DRL-ISR-103	DRL-ISR-104	
USB Interface	1x	1x	1x	1x	1x	USB Host 2.0
Digital Inputs	2x	2x	2x	2x	2x	10 – 30V DC
Switch Port	3x	4x	4x	4x	4x	10/100Mb FD auto-negotiation
WAN Interface	1x					10/100 Mbit/s full and half duplex operation, auto-crossing
RP-SMA Socket					1x	1 antenna included
Wi-Fi Modem					1x	IEEE802.11b/g/n
3G Modem		1 x UMTS				850, 900,1800,1900Mhz
4G Modem			1 x LTE	1 x LTE		DRL-ISR-102: 900, 1800Mhz DRL-ISR-103: 850, 1800Mhz

General Information

Voltage	10 - 30V DC (SELV and limited-energy circuit)
Power consumption	max. 250mA @ 24V DC
IP protection class	IP 20
Operating temperature	-40 – 75°C (0 – 50° for DRL-ISR-104)
Storage temperature	-40 – 85°C
Humidity	0 – 95% (non-condensing)
Dimensions (max.)	69mm x 38.5 x 92.5mm (W x D x H)
Weight (max.)	240g
Mounting	DIN rail mounting (based on DIN EN 50022)
EMC	EN 61000-6-4:2011-9; EN 61000-6-2:2006-3
Regulatory approvals	CE, UL, FCC, RoHS, RoHS China, REACH, EN 60950-1:2014-08; ETSI EN 300 328 V1.8.1 (2012-06), EN 60950-1 :2014-08, EN 60950-1:2014-08; ETSI EN 300 328 V1.8.1 (2012-06)

Markets Served

Food and Beverage



Robotics



Oil and Gas



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