Talk2M

CLOUD-BASED VPN CONNECTIVITY FOR YOUR EWON ENABLED MACHINES

Highlights

- Get instant connection with machines at broadband speed

- One click to connect within fully secure VPN tunnel

- No need for IT experts' assistance

- Get powerful access control and user management

- Keep track who access the machines with connections report

- Send E-Mail and SMS for alarm notifications

- No initial investment, go for SaaS hosting

- Start using Talk2M now, unlimited in time free service

Typical Applications

- Remote diagnostics and troubleshooting on PLC controlled machines

- Remote maintenance and customer support

REMOTE SERVICE AND MAINTENANCE

Talk2M enables almost unlimited possibilities to do support, troubleshooting and upgrades without unduly interrupting normal operational functions.

Talk2M provides secure VPN access for any number of remote machines and devices. Talk2M is designed to be the engineer's machine address book and one-click access tool for his machines and PLC worldwide.

The technology offers fully detailed monthly connection reports, itemized by machine and device to facilitate management and control. All remote accesses are comprehensively traced and logged.

ALARM NOTIFICATIONS

Registered machines in Talk2M can talk. By sending alarms via E-Mail or SMS, Talk2M can notify the service engineer of any alert at the machine site. Immediate actions can then be undertaken.
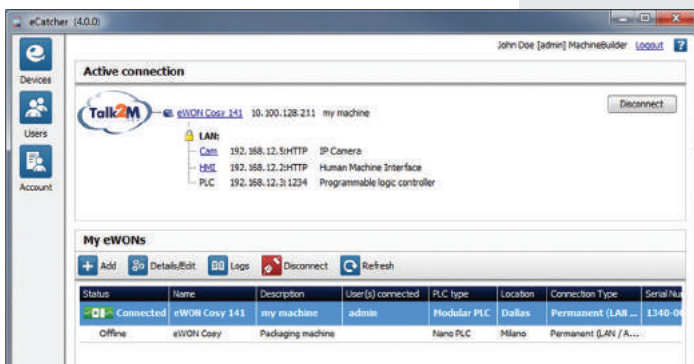
ECATCHER FOR INTUITIVE CONNECTION MANAGEMENT

eCatcher, the Windows client software of Talk2M, provides an intuitive user interface for accessing a large number of machines and devices over the Internet in a highly user-friendly manner. The ease of access in no way compromises the security of the systems as access is restricted by unique login to each approved user with adequate access rights and security authorization.

DIRECT ACCESS VIA INTERNET BROWSER

With M2Web, eWON devices can be accessed from any Web browser interface, smartphone or tablet without the need to use eCatcher.

FREE TALK2M SERVICE

Try the Free+ service of Talk2M for your next application and enjoy immediate remote connectivity to save time and money! Connection report to keep track of users who access particular machines + time of their connection.

www.ewon.biz

HMS Connecting Devices

Talk2M servers	Cloud computing architecture for high scalability with VPN servers located in Europe, North America, Africa, Australia, China and Japan. The communication with the Talk2M access server is performed using a Web service implemented with the XML-RPC protocol (over HTTPS).
Security	Communications between the remote user and the eWON are fully encrypted using the SSL/TLS protocol, thereby ensuring data authenticity, integrity & confidentiality. Indeed, all users and eWON units are authenticated using x509 SSL certificates and end-to-end traffic is encrypted using strong symmetric & asymmetric algorithms that are part of the SSL/TLS protocol cipher suite.
VPN tunneling	Open VPN 2.0 using SSL UDP or HTTPS. The information exchanged during the communication session is encrypted (128-bit SSL), and only authenticated users can connect to the eWON unit.
SaaS hosting	Software as a Service.
Users	Use eCatcher, the Talk2M PC client, with account and login information to access the machines and connect over a VPN connection. The Talk2M account administrator manages (create, modify, delete) users. Each user has a username and password. eCatcher is compatible with Windows 7, 8 or 10.
Concurrent connections	Talk2M Pro supports multiple concurrent VPN connections i.e. the number of registered users who are allowed to initiate a remote connection at the same time.
M2Web connections	Use any Web browser interface to connect to remote HMI with embedded VNC or RDP technology. M2Web is compatible with any smartphone, tablet or PC.
Access control	Talk2M Pro supports management of user privileges for accessing remote machines. Each eWON unit is a member of one or more pools, while each user belongs to one or more groups. The privileges granted to the members of a pool or a group are defined by roles.
SMS and E-Mail relay	Talk2M provides an SMTP server and SMS relay for registered eWON routers with alarms configuration.
Mobile/cellular connections	Outgoing connections via HTTPS port 443 or UDP port 1194; compatible with standard SIM cards. Includes a smart text-messaging (SMS) wake-up mechanism.
ADSL or LAN connections	Outgoing connections via HTTPS port 443 or UDP port 1194; no firewall issues. Permanent connection between the eWON unit and the Talk2M server.
Part number	TM50041 : Yearly fee package TM50042 : Extra yearly fee package

	Talk2M Free+ Get started now!	Talk2M Pro Advanced features for manufacturers and large OEMs
Pricing	Free	Yearly fee
Unlimited no. of users and devices	✓	✓
No. of M2Web sessions	3	Unlimited
No. of concurrent eCatcher connections	1	3+*
Data traffic per month	1 GB**	6+ GB**
Advanced access control	-	✓
Wake-up/Alarm SMS per month	-	50
SLA (99,8% availability, 4hr. max. consecutive downtime)	-	✓
Additional Traffic, SMS, concurrrent connections	-	✓

* Can be extended with additional subscription

** Accounts exceeding the allocated monthly bandwidth (1GB Free/6 GB Pro) are subject to data throttling (Free) or overage charges (Pro)