



# EASY, SECURE, INTERNET REMOTE ACCESS FOR PLCs AND 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
- Keep track who access the machines with connections report
- 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

### ONE-CLICK REMOTE ACCESS

Talk2M provides secure VPN access for any number of remote machines and devices. Talk2M is designed to keep track of company's total population of remote machines.

The ease of access in no way compromises the security of the systems as access is restricted



by unique login to each approved users with adequate access rights and security authorization. The control and screening of approved access is entirely at Talk2M account administrator's discretion. 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.

Combined with eWON technology, it facilitates seamless integration with a large variety of PLCs and automated devices.

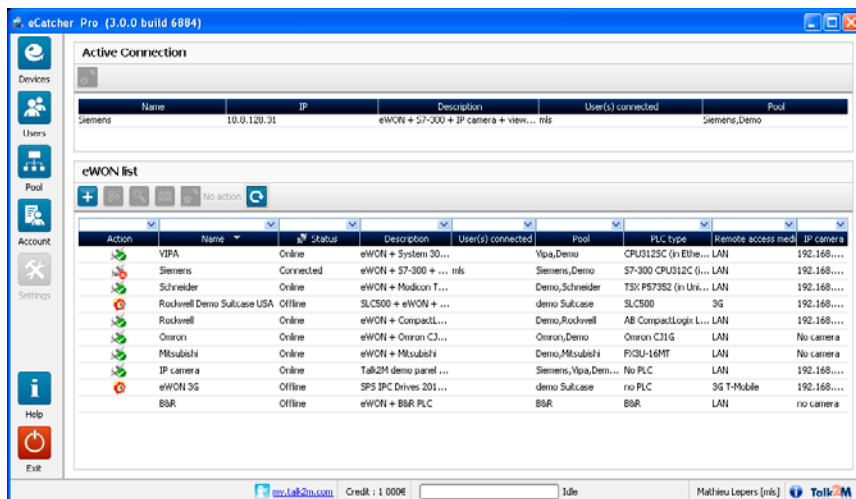
Talk2M enables almost unlimited possibilities to do support, troubleshooting and upgrades without unduly interrupting normal operational functions.

### INTUITIVE USER INTERFACE

eCatcher, the PC 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. eCatcher is the engineer's machine address book and one-click access tool for his machines worldwide.

### TRY THE FREE VERSION

Try the Free+ service of Talk2M for non business critical application and enjoy immediate remote connectivity to save time and money!





Talk2M servers	Cloud computing architecture for high scalability with VPN servers located in Europe and North America. The communication with the Talk2M access server is performed using a Web service implemented with the XML-RPC protocol (over HTTPS).
Security	The VPN security model uses SSL/TLS for session authentication and the IPSec ESP protocol for secure tunnel transport over UDP. It supports the X509 public key infrastructure (PKI) for session authentication, the TLS protocol for key exchange, the cipher-independent EVP interface (DES, 3DES, AES, BF) for encrypting tunneled data, and the HMAC-SHA1 algorithm for authenticating tunneled data
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	The Talk2M account administrator manages (create, modify, delete) users. Each user has a username and password.
Concurrent connections	Talk2M supports multiple concurrent connections i.e. the number of registered users who are allowed to initiate a remote connection at the same time.
Access control	Talk2M 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.
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
PC client software	Use eCatcher, the Talk2M PC client, with account and login information to access the machines and connect over a VPN connection. Compatible with Windows XP, Vista and Windows 7 - 64 bits
Requirements	Software: eCatcher, version 3 or higher Hardware: eWON 2101CD/4101CD, eWON 2005CD/4005CD or eWON 2104/4104 with firmware version 6.1 or higher

Talk2M services	Free+ Freemium offer	Pro The professional Talk2M service
Unlimited nb. of machines	●	●
Unlimited nb. of users	●	●
Nb. of concurrent connections	1	1,2,3, ...
Connection reporting	●	●
SMS & email relay for alarming*	●	●
Access control users/machines		●
Guaranteed bandwidth		1 Mbps (10 Mbps burstable)
Guarantee of service (SLA)		Mission critical hosting 100% uptime network connection to Internet Maximum 4 hours consecutive downtime 99,6 % annual total system availability
Pricing	Free service	Pay per concurrent connection
Volume per month	Limited to 1 GB	1 GB per concurrent connection included
Text message service (wake-up mechanism for cellular eWON)	<b>Promo ! 50 free SMS</b>	
* consult for availability		



your eWON dealer