

WeConnect

Secure remote connections to the network edge

- ⌘ Secure remote access to the network edge
 - Easily create a secure encrypted network between remote locations
 - Connect a PC, tablet or smartphone to the remote network
 - Minimize costly site visits using remote monitoring and management
- ⌘ All that is needed is a connection to the internet
 - WeConnect works on any type of media
 - No need for public IP-addresses or special SIM cards
 - WeConnect can use an existing factory network
- ⌘ Designed to solve common industrial problems
 - WeConnect allows the 'same IP-addresses on all sites'
 - Create a secure peer to peer network of remote devices
 - Replacement solution for leased-lines or dial-up applications
- ⌘ Reliable connectivity when needed
 - Scalability and resilience using industry leading global platform provider
 - Each secure network is isolated from each other – no multi-tenancy
 - Easy to setup with integrated support in the Westermo routers



Remote access should be easy, secure, quick to deploy and used from anywhere, using any media.

WeConnect easily creates a secure network between remote assets using strong encryption techniques, typically found in the financial sector. WeConnect makes the PC, smartphone, or tablet part of the remote network as if you were actually at that location. For example, a service technician can use his normal industrial software application and connect from his desk to the PLC, HMI or any type of device that is on the remote network. With an easy way to remotely access their devices, a WeConnect-customer saves time, money and energy on those costly site visits.

Setup is easy and since WeConnect works with any type of internet connection, there is no limit in the type of media used. Pick any SIM-card, use ADSL, VDSL2, fibre, cellular or even a satellite connection to access internet. As the Westermo routers create the connection to WeConnect themselves, public IP addresses are not needed, nor creating holes in the external firewall – which is perfect if the remote asset is on an existing factory network.

WeConnect is designed specifically for the industrial market and one example of this is the ability of WeConnect to cope with identical IP addresses on every remote site. The user just clicks on the active site in the web-portal and the relevant traffic from his PC will be forwarded to that particular site. This setting is unique per user so that multiple technicians can be logged into different, or the same, sites. Sometimes there might be a need for remote devices to talk to each other which is why WeConnect can be configured to allow this should the application require that. When creating a new secure network, just choose the present type of application and WeConnect will be set up accordingly.

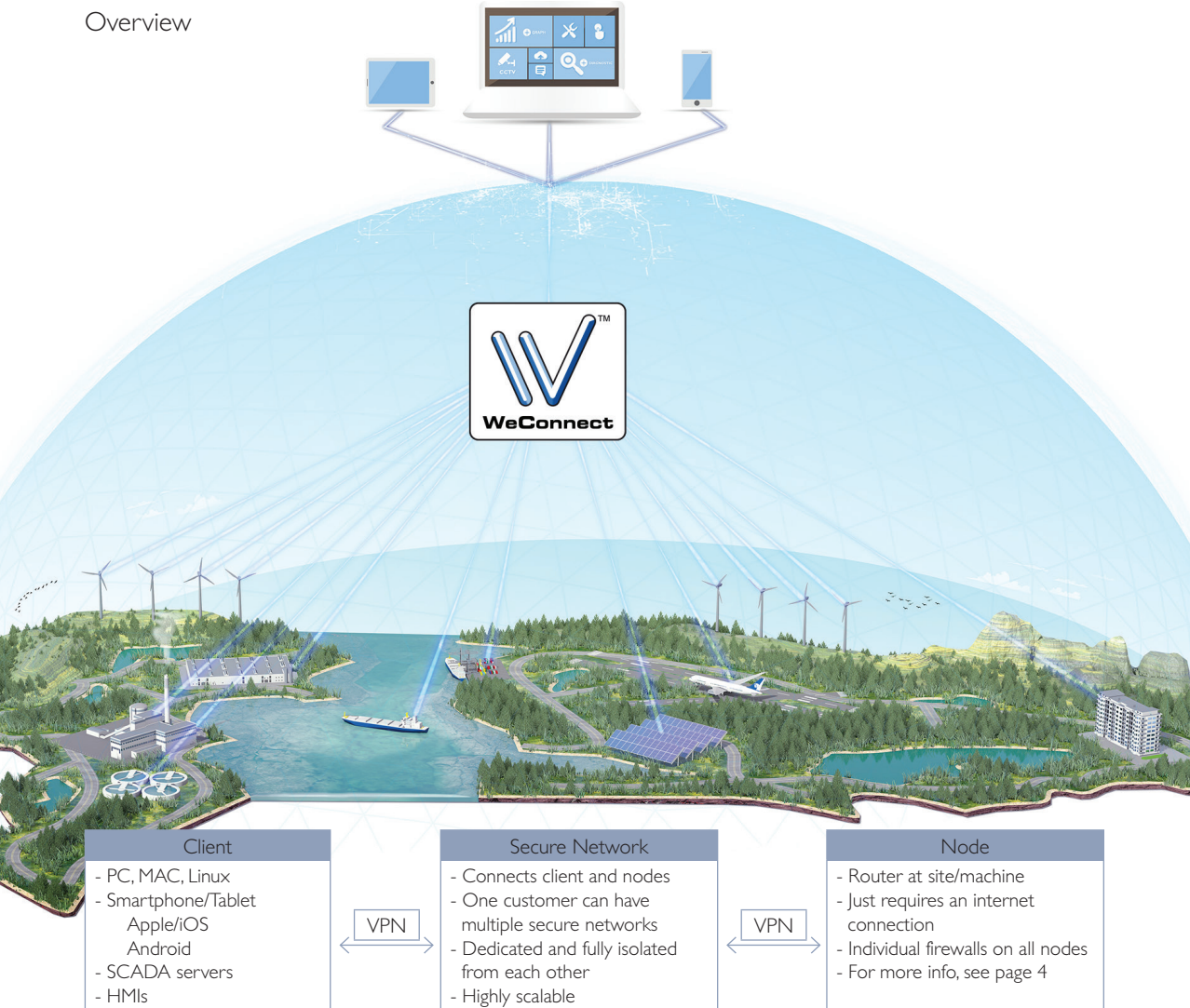
WeConnect offers reliable connectivity. Part of this is due to the fact that WeConnect uses one of the most reliable, global platform providers on the market, which makes it a very scalable and multi-resilient solution. Furthermore, WeConnect is designed so that all customers have individual secure networks completely isolated from each other. WeConnect is therefore not a multi-tenant solution, which is why it does not suffer from those types of potential problems. As a WeConnect customer there is therefore no possibility of leakage of data between customers, nor are there any restrictions on IP-addresses. Adding to the reliability and Made Easy concept is the integrated support for WeConnect in our robust industrial routers such as the Lynx, RedFox, Falcon, MRD-series and ADSL-350.

Ordering Information

Talk to us for more information

WeConnect

Overview



WeConnect is designed with cyber-security at the core of everything

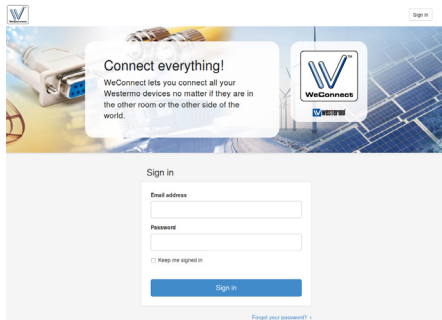
- Encrypted secure tunnels using Virtual Private Network (VPN)
- Firewall friendly VPN using Secure Sockets Layer (SSL)
- Easy to block access
- Firewalls on all Westermo nodes
- Fully isolated secure networks
- Certificate based security
- Individual certificates for each client and node
- 2-factor authentication (pending)

Westermo actively monitors all related security software to ensure that WeConnect is always cyber secure!

WeConnect

Easy to use web-portal for management

Step 1: Login at weconnect.westermo.com



Step 2: Create a secure network

Create secure network Roath Enterprises

A secure network represents a group of nodes and clients that share a secure connection. All clients can connect to nodes within the same secure network. [Learn more](#)

Name

Network communication

- Many-to-many
Nodes can communicate with clients and each other.
- One-to-many
Nodes can only communicate with clients and not each other.
- Identical networks
Only communication with one node at the time.

The network communication can not be change after the secure network has been created.

Step 3: Add the nodes (remote assets) - Portal

Autoprovisioning Manual download

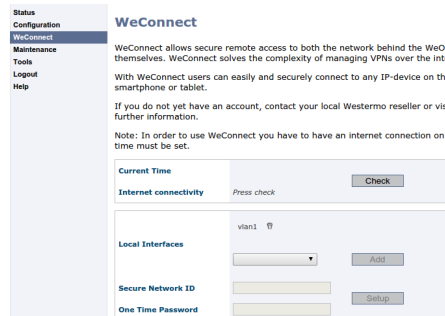
Enter this code in your Westermo device to start autoprovioning.

secure network code	one time password
QyqYchmQ	900049

The license key can only be downloaded once, you will not be able to access it again. If you loose the license key you need to regenerate it.

User gets a secure network code and one time password

Step 3: Add the nodes (remote assets) - Westermo router



Insert secure network code and OTP to start auto-provisioning

Step 4: Create clients

John Smith Roath Enterprises offshore

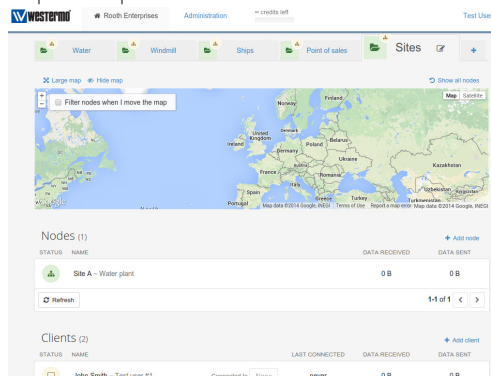
URL to VPN server: prod177.weconnect.westermo.com

Download file Mobile download

License key uri

The license key can only be downloaded once, you will not be able to access it again. If you loose the license key you need to regenerate it.

Step 5: Complete



WeConnect

Pricing

WeConnect uses a flexible virtual currency system called Tokens.

Item	Tokens/month
1 x Secure network	3
1 x Node	1
1 x Client	1

Contact Westermo for local pricing.

Usage policy

- A node can use 2 GB traffic/month
- A client can use 2 GB traffic/month
- Usage is calculated jointly/secure network
- Example: 10 nodes and 10 clients get a combined usage of 40 GB traffic/month for the complete secure network

Service level

- WeConnect is a 24 x 7 x 365 solution
- 99.9% estimated accessibility during a 12-month period
- Isolated secure networks
- Automatic fail-over
- Multi-resilient, multi-location, professional, global platform ensures high availability

WeConnect works across multiple media

Factory Ethernet network	WeConnect	10/100/1000	Fibre ports	Serial
Lynx 200-series	YES	YES	YES	YES
RedFox RFI series	YES	YES	YES	-
Redfox Rack series	YES	YES	YES	-
Mobile broadband	WeConnect	GSM/GPRS/EDGE	3G/UMTS	4G/LTE
MRD-310/330/350	YES	YES	YES	-
MRD-305-DIN	YES	YES	YES	-
MRD-315	YES	YES	YES	-
MRD-355	YES	YES	YES	-
MRD-455	YES	YES	YES	YES
Fixed broadband	WeConnect	ADSL/ADSL2+	VDSL2	PPPoA
ADSL-350	YES	YES	-	YES
Falcon	YES	YES	YES	-
Ethernet extenders	WeConnect	SHDSL	Serial port (RS-232)	
DDW-225	YES	YES	-	
DDW-226	YES	YES	YES	
M12 Ethernet routers	WeConnect	Type of connector	PoE	
Viper 200 series	YES	M12	-	
Viper PoE 200 series	YES	M12	YES	