



## Viola M2M Gateway Enterprise Edition

Provide static IP addresses and secure communication to your Arctic devices

### Connectivity solution for large systems

Viola M2M Gateway is an industrial quality server with pre-installed software for secure communication between central control room and remote sites with Arctic devices. With Viola's complete communication solution you are able to expand your Ethernet over wireless (LTE/3G/EDGE/GPRS) networks and integrate your remote locations as part of your local network with Viola M2M Gateway and Viola's Arctic products.

Viola's communication solution is mobile operator independent as only standard SIM cards are needed in Arctic devices. SIM cards from multiple operators can be used in a single system when required. This enables flexible and cost effective maintenance and modifications of the communication solution.

Viola M2M Gateway Enterprise Edition is especially designed for large systems in terms of processing power and hardware reliability by providing dual power supply and hard drives. No distance limitations! Even global systems are possible when commercial wireless networks are available. Secure and two-way communication (VPN and static IP addresses) is provided with Viola M2M Gateway.

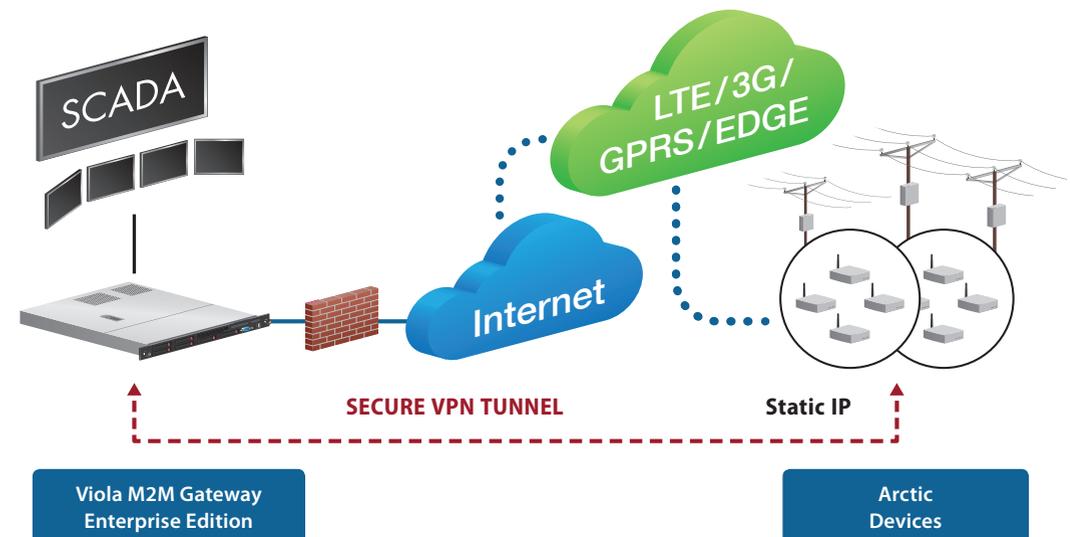


Viola M2M Gateway is connected to a fixed line internet connection by internet service provider. Viola M2M Gateway provides private and static IP addresses to Arctic devices. VPN tunnels are established and maintained between Viola M2M Gateway and Arctic devices.

There is no exact limitation for the number of Arctic devices to be connected to one Viola M2M Gateway, but it is especially designed for large size systems. Recommended maximum number of Arctic devices to be connected is 3000.

Remote sites can be seen as part of a company's internal network leading to seamless operation with the locations using fixed line connections from the central control room personnel point of view.

Easy installation – graphical user interface used with an internet browser. ■



## KEY FEATURES

- For large systems supporting up to 3000 Arctic units
- Dual power supply and hard drives for redundant operation
- Expands Ethernet over wireless network
- Mobile operator independent static IP addressing for connected Arctic devices enabling two-way communication
- Easy and quick to install and configure
- VPN for secure communication
- Built-in Firewall
- Open VPN for remote management connection

## APPLICATION EXAMPLES

- Provide Internet access to locations without fixed connections
- Electricity networks (Feeder Stations, Substations)
- Road weather stations
- Surveillance systems
- Trucks, fork lifts, cranes
- Security systems
- Credit card verifications, POS, ATM

## SOFTWARE

Viola M2M Gateway includes a pre-installed specific software which enables VPN connection between company network and remote Arctic devices providing same time static IP addresses to Arctic devices.

## CONFIGURATION & MANAGEMENT

Viola M2M Gateway is configured and managed by a secure https connection.

You can configure and view the status of the remote Arctics and configure the VPN connection between Viola M2M Gateway and an Arctic device.

## HARDWARE

### Processor Environment

- 2.4 GHz Quad-Core Xeon

### Memory

- 8 GB RAM
- 2x300 Gbytes SAS hot swap

### Power

- Dual power supply (100-240 VAC)

### Casing

- Metal, 19" rack-mountable (1U)

### Environment

Temperature ranges:  
0 to +45 °C  
-20 to +45 °C (storage)  
Humidity 10 to 90 % RH

### Approvals

CE, FCC

## DIMENSIONS



## NETWORK INTERFACES

### Ethernet

- 4 x Ethernet
- 10/100/1000 Base-T Shielded RJ45

## NETWORK REQUIREMENTS AND WARRANTY

### Network requirements for Viola M2M Gateway

- Requires public and static IP address (provided by ISP)
- The device can be installed behind company firewall or in DMZ.

### Warranty

- 3 years limited warranty

## ORDERING INFORMATION

Code	Product
2505	Viola M2M Gateway Enterprise Edition
OPTIONS	
	Not available

### Ordering address:

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