



Viola M2M Gateway

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Viola M2M Gateway - Overview

Overview

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 network over wireless (mobile) networks and integrate your remote locations as part of your local network with Viola M2M Gateway and Viola's Arctic products.

Viola M2M Gateway – Key Features

Key Features

- For larger systems supporting up to 3000 Arctic devices
- Dual power supply and hard drives for redundant operation
- Expands Ethernet over wireless (LTE/3G/EDGE/GPRS) network
- Mobile operator independent static IP addressing for remote devices
- Easy and quick to install and configure
- VPN for secure remote communication
- Built-in Firewall
- Viola Patrol – Application for remote devices monitoring and control

Viola M2M Gateway – HW in brief

Processor Environment

-2.4 GHz Quad-Core Xeon

Memory

-8 GB RAM

-2x300 Gbytes SAS hot swap

Power

-Redundant dual power supply (100-240 VAC)

Ethernet

-4 x Ethernet for SCADA and Internet connectivity
(10/100/1000 Base-T, Shielded RJ45)

-ILO remote management port

Casing

-Metal, 19"

-rack-mountable (1U)

Temperature range

- 0 to +45 ° C

- -20 to +45 ° C (storage)

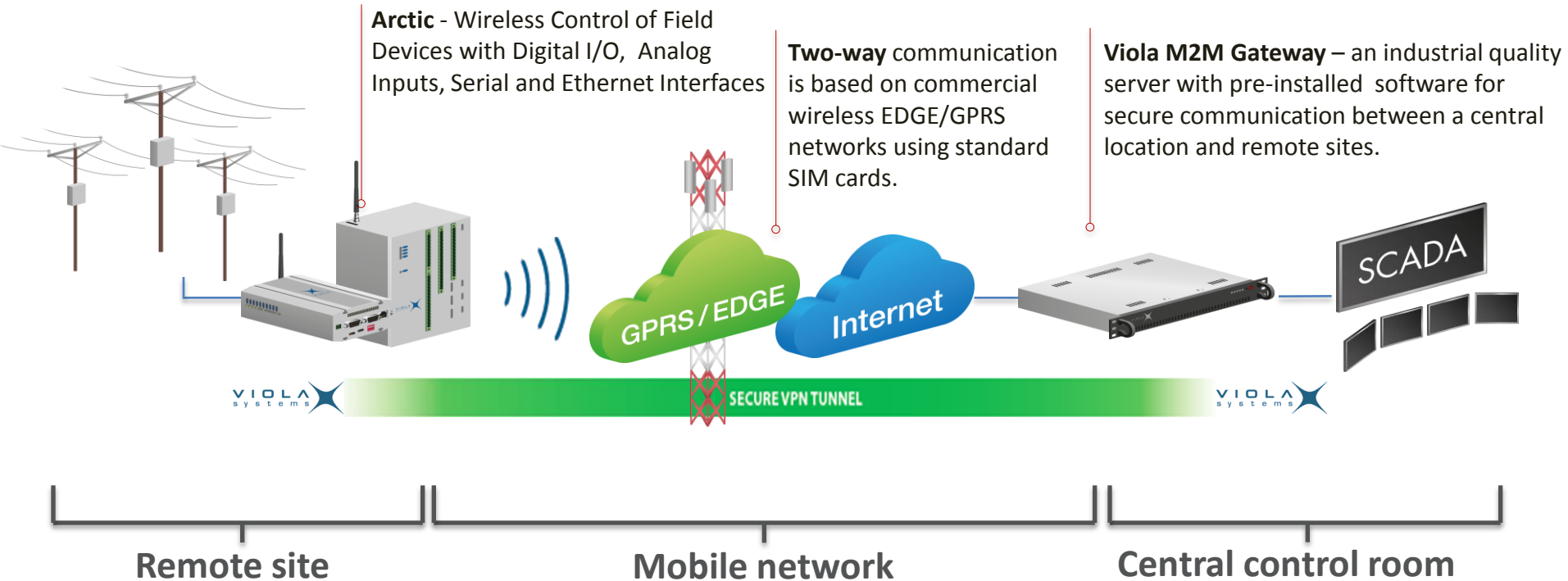
-Humidity 10 to 90 % RH

Approvals

-CE, FCC

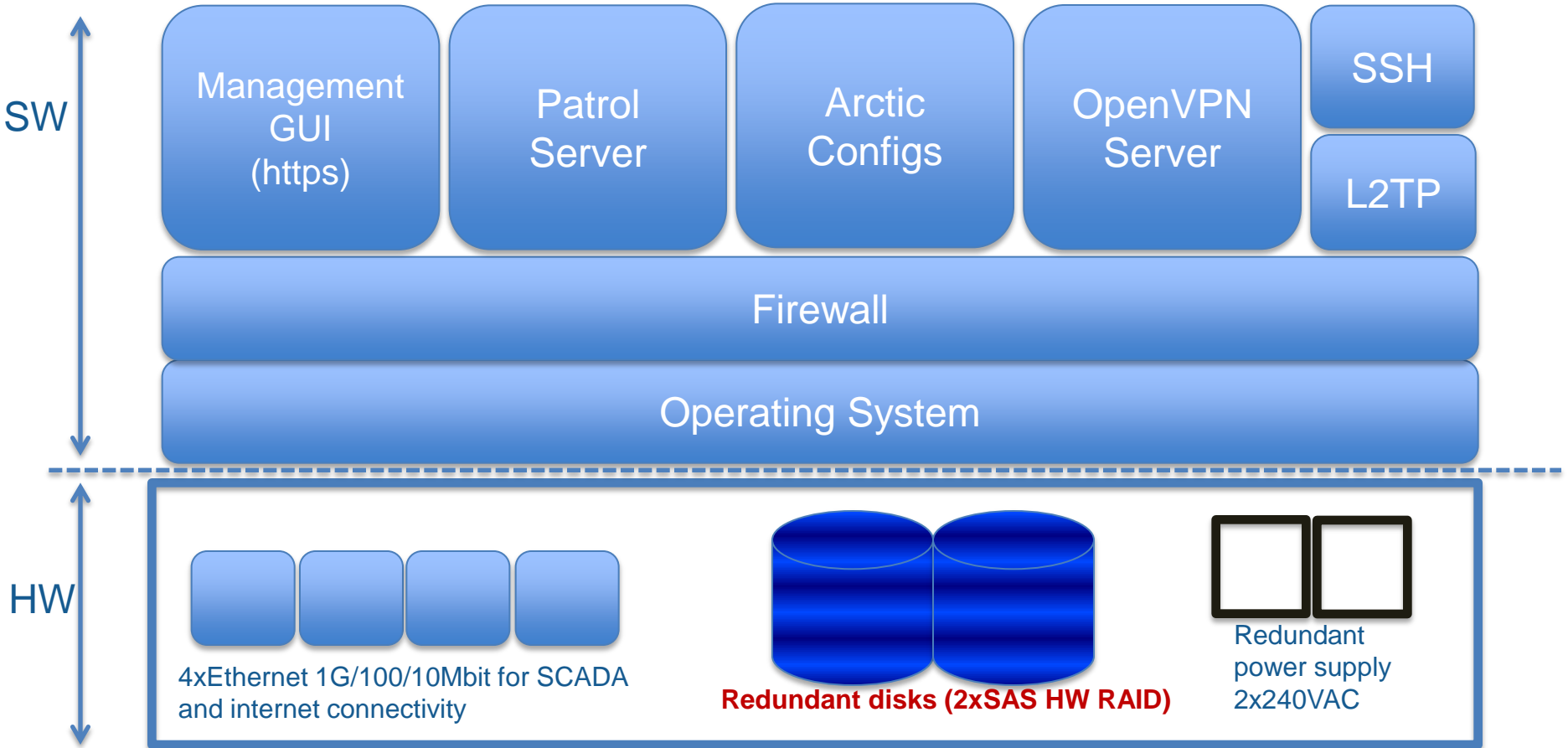


Complete M2M Solution



Operator independent Viola M2M Solution - the IP address does not need to be fixed, also dynamic IP addresses works. Always in Viola M2M solution, the M2M gateway provides a fixed IP address for all remote devices. Consequently, all of the remote devices have always a fixed IP address even if the address provided by the mobile operator is dynamic

Viola M2M Gateway - Architecture



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