**FIMER**

# PVS980 central inverters connectivity solutions

# Plant controller & SCADA

PVS980 inverters come with MODBUS/TCP fieldbus interface and MODBUS/RTU communication links as standard. Plug-in connectivity adapters enable communication with all major automation networks.

The inverter supports two Ethernet communication ports simultaneously offering the possibility for ring topology connectivity.

With a local webpage interface the following service can be activated:
• Simple Network Time Protocol (SNTP) for time synchronization
• Remote access with PC tool via Ethernet tool network

**Highlights**
• Plug-in connectivity adapters enable communication with all major automation networks
• Single point of access to all the inverters
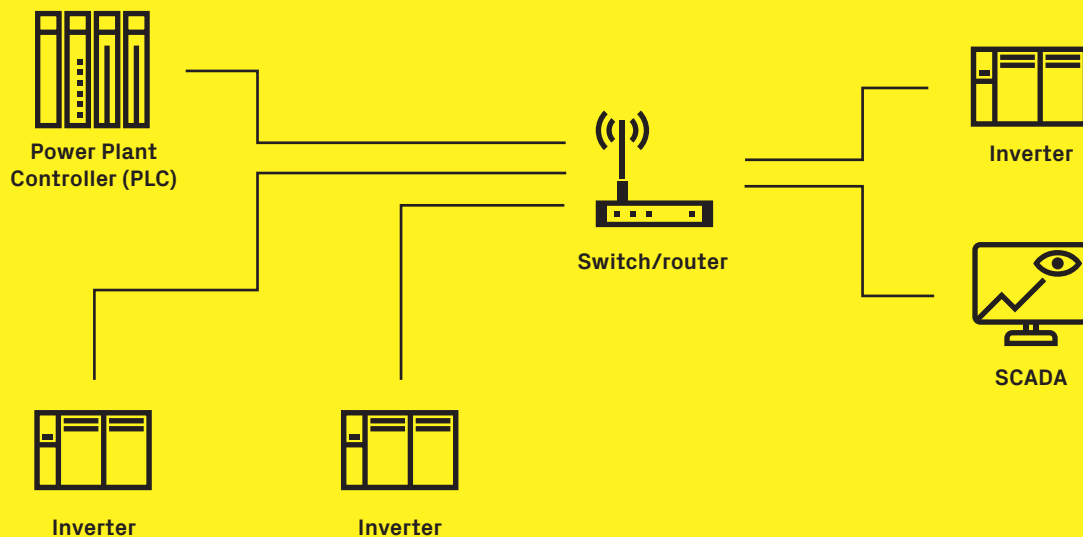• Ring topology for high reliability

**Cost efficient and scalable solutions**

**Data handling for efficient cloud-solutions**

**Real-time Monitoring**

**Power Plant Controller (PLC)**

**Switch/router**

**Inverter**

**SCADA**

**Inverter**

**Inverter**

# Remote monitoring solutions

## Cloud data collection Aurora Vision

Monitor your central inverter solar power plants the way you want with Aurora Vision.
Aurora Vision comes with different products for better meeting the needs of customers aiming to monitor and manage their own solar assets in a very cost-effective manner.

Aurora Vision includes:
• Plant Portfolio Manager: the professional web portal
• Plant Viewer: the simplified web portal
• Plant Viewer for mobile: the mobile app for power generation applications
• Energy Viewer: mobile app for self-consumption applications
• Aurora Vision Application program interface (API): enabling data-sharing with third party systems

Thanks to the simple integration of our gateway VSN900 the central inverters can be connected to the cloud and send data to Aurora Vision.

**Highlights**
• Easy cloud connection of whole power plant
• Active control of transferred data
• Smart data handling on edge-level for cost-efficient cloud-solutions

Aurora Vision    Modem/router    Firewall    VSN900    Switch    Inverter    Inverter
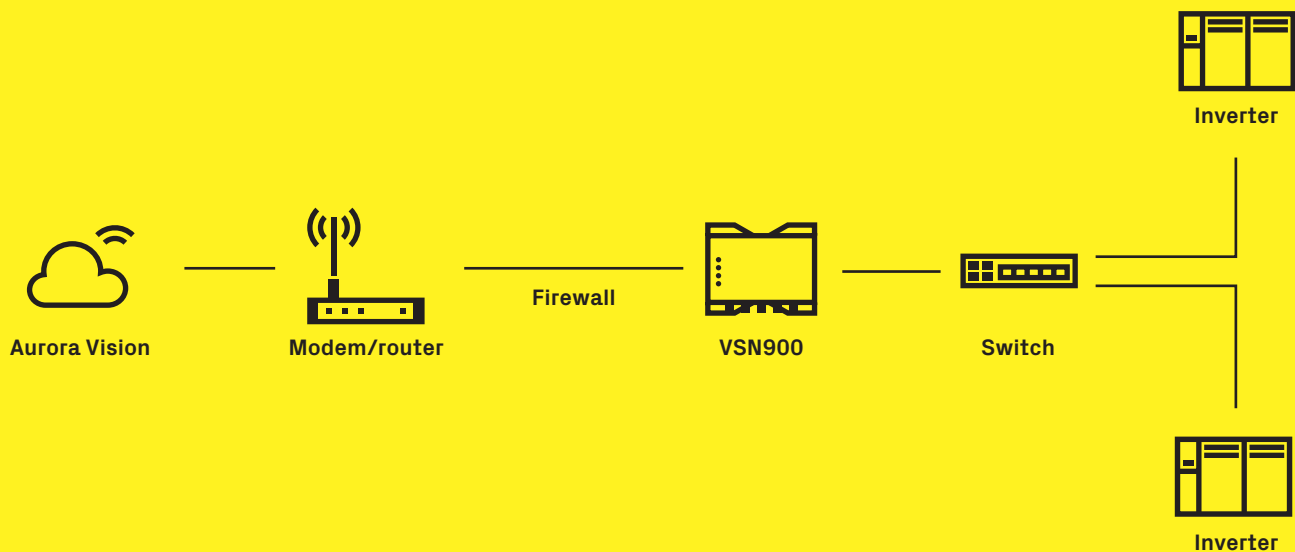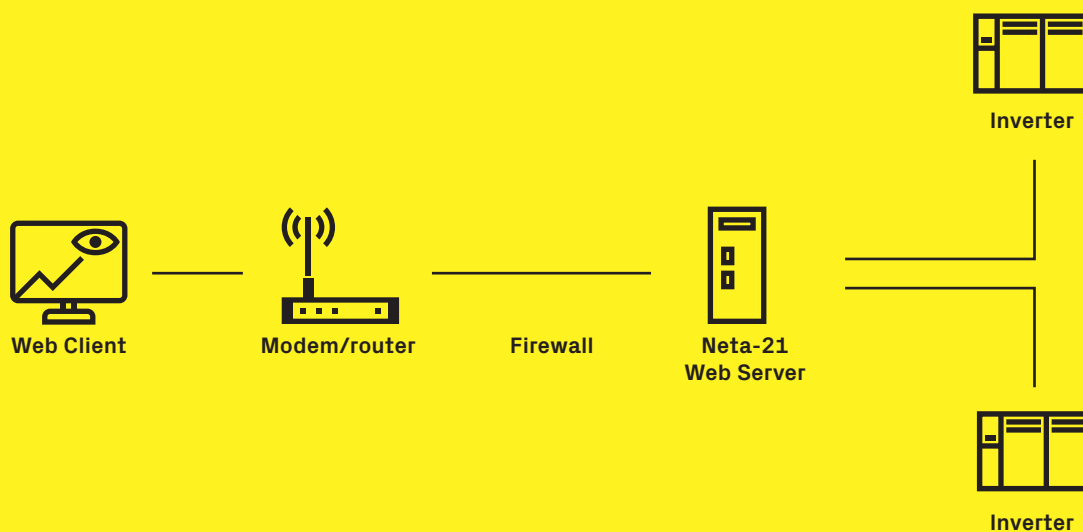
# Remote monitoring solutions

## Inverter direct remote access

With a built-in web server and standalone data logger, the NETA-21 remote monitoring tool enables secure worldwide access to the inverters.  Inverter data can also be collected via 3G/4G mobile connection (modem not included).
The remote monitoring tool gives easy access to the inverter via the Internet or a local Ethernet network. NETA-21 comes with a built-in web server.  Through the web interface, the user can monitor log data in real-time and access the inverter parameters. One NETA-21 supports up to 10 inverters.
The collected data can be stored remotely and utilized for service, maintenance and troubleshooting.

### Highlights
- Cost efficient direct monitoring
- Full real-time monitoring of the inverter status
- Scalable & platform-independent remote connectivity



Inverter

Web Client          Modem/router          Firewall          Neta-21 Web Server

Inverter

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