



PAESSLER PRTG NETWORK MONITOR

Monitoring Industrial IT environments

In modern, digitized industrial environments, the worlds of Operational Technology and IT are interconnected. This includes programmable logic controllers, industrial PCs, smart industrial gateways, and sensor technology, as well as traditional IT infrastructure components like network switches, routers, and wireless components.

To monitor it all, you need a solution that can bring OT and IT together into a single view.

If OT and IT are convergent, then shouldn't your monitoring concept also be convergent?

PRTG is a holistic monitoring solution that brings elements from IT and OT into one view, reduces complexity and infrastructure costs, and helps system engineers ensure availability of their infrastructure.



One solution for monitoring IT and OT

- Monitor a wide variety of OT devices using common industrial protocols such as OPC UA, Modbus and MQTT
- Support for all major IT protocols, like SNMP, WMI, REST, SSH and many others
- See the availability and status of PLCs at a glance
- Monitor your OPC servers
- Keep an eye on the health of your Soffico Orchestra server
- Monitor your power supply and HVAC

Get an overview of the status of your entire infrastructure

- Predictive maintenance possible through individually adjustable threshold values
- Comprehensive and user-friendly alerts and notifications
- Individual dashboards / maps for an optimal overview
- Monitor multiple locations with a single installation
- Bring virtual environments, E-mail, Internet, storage, printers and much more into your monitoring view

PRTG is ready to go and optimized for ease of use

- Smart Setup and automatic network detection to get started fast
- Over 270 predefined sensors
- Ready-to-use templates for all common devices and applications
- Powerful, web-based user interface, PRTG Desktop for Windows and MAC, as well as mobile apps on iOS and Android
- Agentless and active monitoring
- High performance and accessibility
- Monitoring without an internet connection is also possible

Powerful monitoring for industrial IT. PRTG adapts completely to your requirements and lets you visualize your IT and OT data.

PRTG fits your environment

- Predefined sensor templates allow for easy integration of devices
- Custom sensors (data collectors) can be created using MIB files, REST API or scripts
- The API can be used to export data or status messages to higher level systems (Northbound Interface)
- Integrate all industrial devices speaking TCP/IP via Node-Red such as INSYS icom gateways
- Get data from smart industrial gateways, such as INSYS icom routers, into PRTG using MQTT and Node-RED

Transparent licensing and pricing, optimized for industry

- Unlimited users and locations – the license is based on the number of sensors* you need
- No add-ons or modules - each license includes all functionality
- Monitoring of multiple locations and failover clusters included
- Get support from our in-house technicians and developers
- Fair upgrade model
- Options for monitoring large scale infrastructure are also available

Visualize your monitoring data

- Drag-and-drop editor for creating individual and interactive dashboards
- Granular user rights management for defining permissions to dashboards means the right team can see the right information
- Integrated reporting module delivers reports in HTML, PDF or CSV format
- Display multiple PRTG instances in one dashboard using the PRTG desktop app (Windows/macOS)

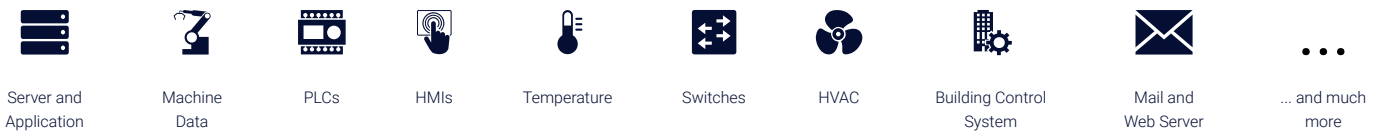
Central alerting for your IT and OT infrastructure over multiple locations

- More than 10 built-in alert mechanisms such as email, push messages, and SMS text messages
- Alerts can be configured to trigger audio files, HTTP requests, or EXE files
- Avoid alert floods by using dependencies and alert acknowledgement
- Adapt the notification system to suit your needs and schedule alerts (such as 'no low priority alerts at night')
- Create your own notification using scripts or HTTP actions

<p>PRTG 500</p> <p>500 sensors 1 server installation Perpetual license</p>	<p>PRTG 2500</p> <p>2,500 sensors 1 server installation Perpetual license</p>	<p>BEST VALUE</p> <p>PRTG XL1</p> <p>Unlimited sensors 1 server installation Perpetual license</p>
<p>PRTG 1000</p> <p>1,000 sensors 1 server installation Perpetual license</p>	<p>PRTG 5000</p> <p>5,000 sensors 1 server installation Perpetual license</p>	<p>PRTG ENTERPRISE</p> <p>Unlimited sensors Unlimited server installations Subscription license</p>

See our prices online: www.paessler.com/prices

One solution, many benefits. PRTG brings the advantage of over 20 years of monitoring experience into the industrial environment.



ONE VIEW FOR IT AND OT ENVIRONMENTS

MANUFACTURER-AGNOSTIC

INCREASED PERFORMANCE

REDUCED COMPLEXITY

UNIVERSAL COMMUNICATOR

SUPPORT FOR IT & OT PROTOCOLS

PRECISE INFORMATION

TRANSPARENT LICENSING

UNLIMITED NUMBER OF USERS

CENTRAL IT/OT ALERTING

One monitoring solution for everything

- Support for common IT and OT protocols (SNMP, WMI, ICMP, HTTP, MQTT, OPC UA, Modbus TCP, SOAP, SSH, FTP, SMTP, POP3, DICOM, HL7, ...)
- Support for NetFlow v5/v9, sFlow, jFlow, IPFIX and Packet Sniffing
- Monitors hardware/software, virtual environments and applications
- Agentless monitoring of Windows, Linux and macOS
- Flexible import of MIB files from all major manufacturers
- Monitoring of non-standard devices and applications using templates and custom sensors
- Monitoring of multiple sites with one installation/license
- Suitable for all types of industries
- Everything in view, from the field level to the ERP system

* "Sensors" are the basic monitoring elements in PRTG. One sensor usually monitors one measured value in your network, for example, the traffic on a switch port, the CPU load of a server, the free space of a disk drive. On average, you need about 5-10 sensors per server or one sensor per switch port.

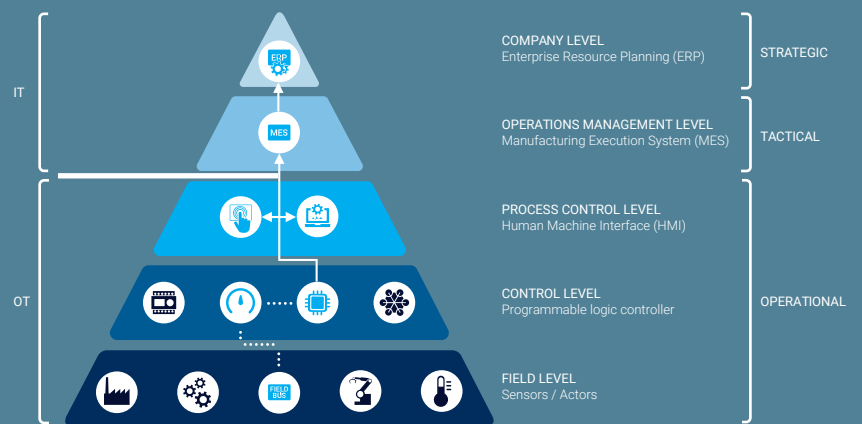
Monitoring the dependencies and interconnectivity between OT and IT is vital.

PRTG gives you an overview of your infrastructure to help you reduce downtime, ensure all devices are running effectively, and keep data transferring securely.

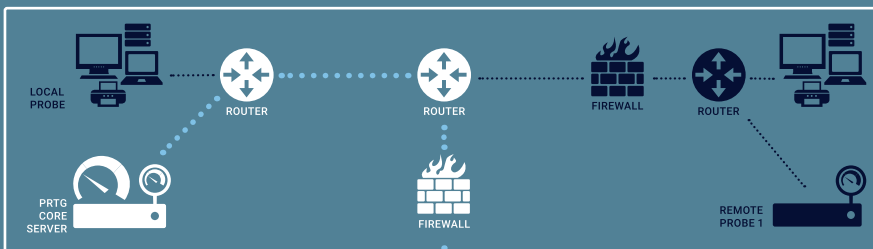
INFRASTRUCTURE

From the field level on the factory floor through to the ERP level at the very top of the organization, industrial companies can be divided into several tiers that reflect the tasks and areas of responsibility within the organization.

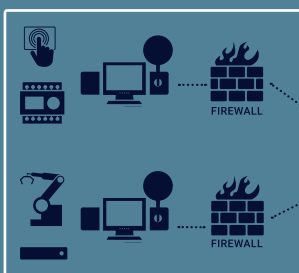
The line between OT and IT (the convergence zone) lies between the operational and tactical levels, and has become more connected with digitization.



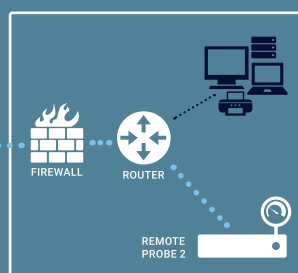
CORPORATE LAN



SHOP FLOOR



TOP FLOOR & LOCATION INFRASTRUCTURE



TLS
INTRANET /
INTERNET
(DEDICATED
CONNECTION)

SOFTWARE ARCHITECTURE

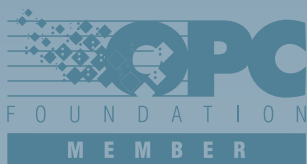
- Failover cluster functionality included in each license
- Integrated database, optimized for monitoring data (no database server required)
- Data stored in the original monitoring interval (no data aggregation)
- Optimized for networks of all sizes
- Use remote probes to monitor distributed or segmented networks
- Offline mode possible

TEST NOW FREE OF CHARGE
www.paessler.com

ABOUT PAESSLER AG

Paessler believes monitoring plays a vital part in reducing humankind's consumption of resources. Monitoring data helps its customers save resources, from optimizing their IT, OT and IoT infrastructures to reducing energy consumption or emissions – for our future and our environment. That is why Paessler offers monitoring solutions for businesses across all industries and all sizes, from SMB to large enterprises. Paessler works with renowned partners, and together they tackle the monitoring challenges of an ever-changing world.

Since 1997, when Paessler first introduced PRTG Network Monitor, it has combined its in-depth monitoring knowledge with an innovative spirit. Paessler knows the challenges of complex IT, OT and IoT infrastructures and networks. Paessler products empower its customers to monitor everything, and thus help them optimize their resources.



Check out all the possibilities within the Paessler Solutions Universe

HEALTHCARE



MANUFACTURING



EDUCATION



FINANCE



GOVERNMENT



CCTV



AND MUCH MORE

