PAESSLER

PRTG and INSYS icom
Merging production and IT

UPTIME ALLIANCE

PRTG NETWORK MONITOR

INSYS icom | UPTIME ALLIANCE PARTNER

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ALLIANCE
PARTNER

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Merging production and IT

With the combination of their solutions, the monitoring specialist Paessler and the industrial gateway manufacturer INSYS icom offer a practical possibility to overcome language barriers and to merge IT and production.

Whether IIoT, Industry 4.0, Industrial IT or M2M: production and IT are merging; IT/OT convergence is the buzzword and a basic prerequisite for successful digitization in the production environment. However, there are still language barriers between IT and production that must first be overcome. With the combination of their solutions, the monitoring specialist Paessler and INSYS icom, as a manufacturer of industrial gateways, offer a practical possibility to overcome these language barriers and to bring IT and OT together.

Paessler PRTG:
IT monitoring and more

With PRTG Network Monitor, Paessler delivers a world-leading monitoring solution that, thanks to a documented API and the support of various protocols such as JSON and MQTT, allows the inclusion of IoT scenarios and production environments beyond a standard IT monitoring solution.
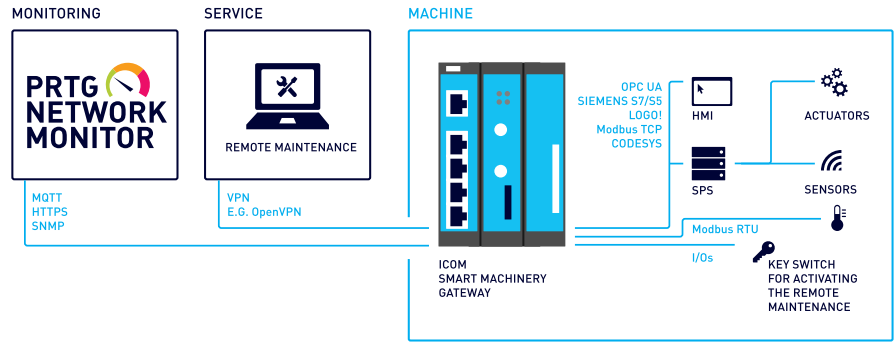
However, many machines do not yet support IT-compatible protocols, but still communicate via fieldbus protocols. This is where the intelligent gateways of INSYS icom come into play.

INSYS icom: The connection between IT und OT

INSYS icom produces intelligent routers, which as gateways translate protocols from the production and industrial IoT environments into IT protocols and thus enable the communication between OT and IT. As typical edge devices, the gateways of INSYS icom form the interface between production plants and MES, ERP, SCADA and the cloud. They allow IT access to machines and production lines for condition monitoring and remote maintenance.

Create a central control center
with PRTG and INSYS icom

Via the INSYS icom gateways, PRTG can retrieve data from the production floor which otherwise would not be accessible via IT protocols. In addition, the gateways allow PRTG to directly access the data of many machines, controllers and industrial

PCs via MQTT. Thanks to PRTG's classic monitoring functions and mechanisms, a comprehensive and reliable monitoring of the entire production environment as well as of business processes and process chains can be mapped – the basis of every SCADA system.

In addition, PRTG monitors the IT infrastructure – at all levels, from classic availability monitoring to flow-based network monitoring, from hardware to virtual environments to applications.

Thus, production and IT can be combined in one solution, in one dashboard or control center. Of course, individual dashboards can also be created for individual teams via so-called maps, so that each person in charge can be provided with the information relevant to him or her at the precise moment it is needed – including a granular notification and alerting model. In combination with PRTG's mobile apps, this ensures that the responsible parties are informed immediately in case of failures and malfunctions as well as irregularities.

PRTG is Customers' Choice at Gartner Peer Insights for IT Infrastructure Monitoring.

**CONTACT THE
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About Insys icom

INSYS icom is a digitization expert for industrial data communication. With the core competencies of remote maintenance, remote control, monitoring of states and networking of data, INSYS icom's devices and applications form the ideal bridge between IT and OT. INSYS icom offers intelligent networking solutions which provide a basic requirement for industrial applications and KRITIS environments.

The products and services are developed and manufactured by in-house experts who combine know-how, innovation and passion – all from one source. As a result, INSYS icom continuously sets new standards in quality, safety and user-friendliness.

WE ARE PAESSLER

In 1997 Paessler revolutionized IT monitoring with the introduction of PRTG Network Monitor. Today over 300,000 IT administrators, in more than 170 countries, rely on PRTG to monitor their business-critical systems, devices and network infrastructures. PRTG monitors the entire IT infrastructure 24/7 and helps IT professionals to seamlessly solve problems before they impact users. Our mission is to empower technical teams to manage their infrastructure, ensuring maximum productivity. We build lasting partnerships and integrative, holistic solutions to achieve this. Thinking beyond IT networks, Paessler is actively developing solutions to support digital transformation strategies and the Internet of Things.