Eaton and T-Systems support German medium-sized enterprises in their first steps to Industry 4.0 with secure IoT solutions
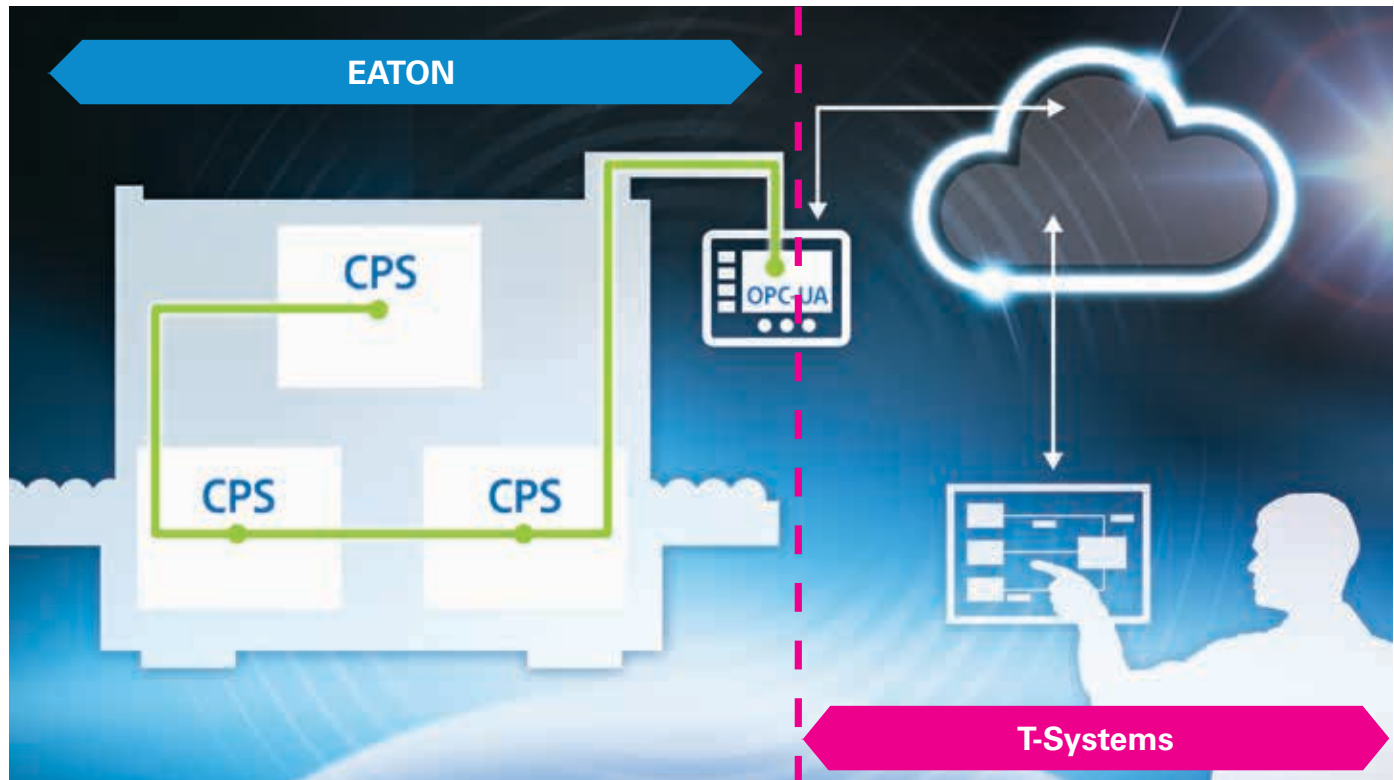
Build it in.

IoT solutions for industrial applications
White Paper

T-Systems and Eaton combine secure cloud technologies with comprehensive data transparency
Build it in.

Dr. Stefan Braun, Head of Product Lifecycle Management & Digital Transformation Solution Consulting at T-Systems,
Karl-Heinz Arndt, Product Strategy Manager at Eaton.

Digitalization is increasingly present in industrial production processes. Under the keyword Industry 4.0 production technology and logistics are interlocked with ICT.

Such a complex and multidisciplinary topic poses major challenges to machine and plant builders. Most medium-sized enterprises have not yet entered the domain of Industry 4.0 as there are hardly any safe and simple solutions that can make the existing machinery ready for the future and offer a Made in Germany cloud service at the same time. To meet this special requirement of medium-sized enterprises, Deutsche Telekom subsidiary T-Systems and Eaton pool their competencies in the Internet-of-Things (IoT).

In the White Paper "IoT Solutions for Industrial Applications", the authors Dr. Stefan Braun, Head of Product Lifecycle Management & Digital Transformation Solution Consulting at T-Systems, and Karl-Heinz Arndt, Manager of Product Strategy at Eaton describe how the cooperation can support machine and plant engineers on their way to Industry 4.0 with custom-made digital solutions. With these solutions,

EAT·N
Powering Business Worldwide

T· ·Systems·

machines can be integrated easily and efficiently into IoT environments and the potential of cloud services such as Condition Monitoring or Predictive Maintenance can be implemented economically and safely.

For the realization of Industry 4.0 applications, data from production is indispensable and a decisive factor. In the White Paper, the authors explain how the component, machine and plant data are collected and transferred via the secure OPC UA standard and then stored in the highly secure T-Systems cloud with the help of Eaton's expertise and technologies. Contrary to other internationally active cloud providers, these protected data centers are located in

Germany and are therefore also subject to German data protection and German jurisdiction. As the value of machine data depends on how they can be processed and made available to users, Eaton and T-Systems develop methods and services for the analysis and utilization of the collected data, taking individual customer requirements into account.

Download the White Paper to discover more about how machine and plant builders of IoT solutions can save maintenance costs and improve customer loyalty by helping customers reduce downtime and achieve deadlines more reliably: **www.eaton.eu/iot-cloud.**

Follow us on social media to get the
latest product and support information.