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## “Real time needs Empowering”

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Time is the only resource we can't get back. That's why IoT is booming. According to Forrester, the market for the Industrial Internet of Things (IIoT) alone could grow to 123 billion US dollars next year. But whether for Connected Industry, Connected Building and Connected Car or Smart Cities, Smart Energy, Smart Agriculture and Smart Retail – the real challenge to exploit the potential of IIoT is real time.

This means that in order to remain competitive, companies must focus on minimizing as much as possible any unnecessary loss of time in their processes. For this they need connectivity, intelligence and automation. And platforms, for example for the development and integration of new apps and cloud services in order to make these applications available quickly. In the Open Telekom Cloud, for example, their configuration is automated via APIs. And these are the interfaces to a defined, agile provision of IT resources. In this sense, real time means for companies in the first step that someone has to train them accordingly. Not least for this empowering of a better performance of our customers, we have built an excellent IoT platform, combined with modern connectivity and are already very well prepared for 5G as the future real time communications standard.

A number of articles in this issue of Best Practice show why real time is becoming essential for businesses and their customers alike. In the healthcare sector, building a telematics infrastructure for communication between doctors, pharmacies, hospitals and health insurers will directly

determine how quickly patients will be helped in the future. Both in direct treatment and in real time consultation. In both freight and passenger transport, whether by road or rail, real

time applications from Deutsche Bahn and the car manufacturer Daimler show how the use of means of transport is more convenient, reliable and safe. Examples for companies that see real time as a competitive factor because they think from the customer's point of view. This also applies to our proactive Security Information & Event Management (SIEM), which enables real time analyses of hazards and attacks on IT systems to be discovered and averted before actual damage occurs to our customers.

It's not just when dealing with cyber crime that the fast beat the slow. We therefore have to be able to react quickly to changes in technologies and markets for our customers. Otherwise the bitter truth for our clients would be what the musician John Lennon analogously warned almost 50 years ago: Life is what happens while you are busy still making plans. This is precisely why our customers expect us to implement their digitization issues – IoT, 5G and real time – drive innovation and help them perform even better. In other words, they expect empowerment from us.

Best regards

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