



Creating Value with Industrial IOT

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For understanding of Industrie 4.0, we need to know Industrial IoT, Cloud computing and Security. What is IoT and why everyone is talking about this technology? IoT is one of major technology to build-up a future system and factory and we will share how this technology can be achieved in the real world. Cloud was originally just a word for marketing purpose by one IT company, but today, it is the most important key word in Industrie 4.0. Everybody knows about cloud, but only a few people know how they can have an optimal cloud service for their system. In our session, we will talk about which kind of Cloud/Virtualization models are existing and which kind of criterions for choice are available. We will also talk about Security in the field level, why it is important and how our product and solution users do not experience security problems even after production line or automation system implementation.

The main key question is, "How can we send a reasonable data from field to cloud and also what is the reasonable data?" The data sent to cloud should be different from the data for OT level. And there are 3 kinds of paths to send the data from field to cloud and it's very important to select the right path with less investment. There are 2 different communication areas in Industrie 4.0, one is IT level and the other one is OT level. Nobody works for both, which means there is no expert to make a communication beyond each communication area. This session will help you obtain an answer and acquire additional knowledge about the protocols for Industrial IoT.