



Smart Cities and Infrastructure

Digital Production and Products – Industry 4.0



Future Mobility

Business Opportunities for German and Korean Companies

Energy for our Future

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CEO



A Highly Adaptive Supply Chain Platform for Smart Manufacturing Innovation

The smart factory represents a leap forward from more traditional automation to a fully connected and flexible system. The smart factory is effectively adaptive to the supply chain, then manufacturers can leverage to adapt to the changing marketplace more effectively. The availability of machine-generated data enables autonomously to operate the factory by using data analytics and artificial intelligence(AI). With global networks of suppliers, manufacturers can manage their supply chain as an integrated platform for production. Such an integrated supply chain platform plays a crucial role by discovering new business patterns. Here machine learning is an essential tool in the supply chain platform that will revolutionize perspectives of the management. The supply chain consists of five key elements: integrated planning and execution, improved logistics visibility, integrated procurement, smart warehousing, autonomous logistics. Thus the manufacturing system becomes an entirely integrated transparent ecosystem for suppliers, transporters, and customers. Finally in this talk, we present a highly adaptive supply chain platform which is based on AI, IoT, and blockchain technology. An industrial example and its high performance would be also shown to the audience.

since 2018

2005 - 2009

2004 - 2005

2000 - 2005

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