

5G for Vertical Business; Use Cases, Current Status, Next Step

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Abstract

5G is differentiated from the previous generations of cellular network in terms of vertical use case support among all other aspects. So, it is expected to make an impact on the business aspect and features such as manufacturing, logistics, transportation and so on. In this presentation, it will be introduced; what is 5G, what are use cases in particular for vertical business. And the current status to make those use cases into a reality will be introduced in various perspectives. Finally, next steps and outlook are provided.

Keywords: *5G, Automotive, Autonomous Driving, Smart Manufacturing, 5GAA, 5G-ACIA*

Biography

Seil Jeon is senior 5G research expert in Stockholm Research Center in Huawei Technologies, Sweden. His work is involved in developing 5G solutions for automotive and smart manufacturing use cases. He was research professor in Sungkyunkwan University, Korea. He was postdoctoral research fellow and research associate in Instituto de Telecomunicacoes, Aveiro, Portugal. Seil Jeon received the Ph.D. degree in information and communication engineering from Soongsil University, Seoul, Korea in 2011.