

NetWorld2020 SME Working Group

SME Success Story – April 2019

InnoRoute



The Company InnoRoute (Munich, Germany) has achieved business success with a new routing concept and their router platform TrustNode. A feasibility study conducted within a SMEINST Phase 1 project allowed us to verify the concept and to become partner in two 5G PPP projects:

1. [CHARISMA](#): optimization of TrustNode platform for ultralow latency.
2. [SELFNET](#): optimization of TrustNode platform for modularity and extension to SDN (Software Defined Networking).

Thanks to ultralow latency and SDN support, we were able to enter the [Industry 4.0](#) business. Today, major players from Automotive and Industrial segment use the TrustNode as evaluation and prototyping platform for TSN (Time Sensitive Networking, IEEE Ethernet). We got contracts to develop further TSN functionality for the TrustNode. Modularity of our platform allowed us to do this fast and at low cost.



*InnoRoute's TrustNode*

At the research side, the combination of TSN and SDN became a technology trend. Being the only supplier for both in one device made the company a welcomed partner in German research projects for Industry 4.0. We were partner in [TreuFunk](#) and are associated partner in [FlexSi-Pro](#) and [TACNET4.0](#).

Next step planned by InnoRoute is to offer a low latency networking service.

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