

INAASCA - Development of an integrated network solution from the cloud;
development of an SDN application client and configuration point for the
customer LAN

Project management: Prof. Dr. Diederich Wermser

Summary: To reduce costs and increase flexibility, more and more companies – and especially SMEs – are using IT applications in the cloud (SaaS = Software as a Service). This increases the pressure to offer more cost-effective, flexible, and SaaS-integrated NaaS-(Network as a Service)solutions – also for the communication networks as a second ICT cost-driver – whereby the functionality for such solutions is provided as far as possible in the cloud. Netzlink Informationstechnik GmbH is the first provider to have such an integrated NaaS, based on open standards in open SDN technology (Software Defined Networking), and built in the cloud CC on OpenStack, the open cloud orchestration system supported by the main international players in the cloud market. Netzlink, with its considerable experience of OpenStack, will develop the cloud CC part of the NaaS solution, whilst Ostfalia University of Applied Sciences, as a partner in this project, will develop the SDN-based NaaS components for the customer LAN.

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