

NTT Partnered with Cisco & Airspan to Upgrade RWTH Aachen University Private 5G Network

Industry
Education

Location
Aachen, Germany

Partner
NTT

End User
RWTH Aachen University

Reference

Overview

NTT, a leading IT infrastructure service company has partnered with Airspan and Cisco to upgrade RWTH Aachen University network infrastructure. RWTH is in need of a robust network services for real-time data processing, voice communication, video conferences and research projects.



Challenges



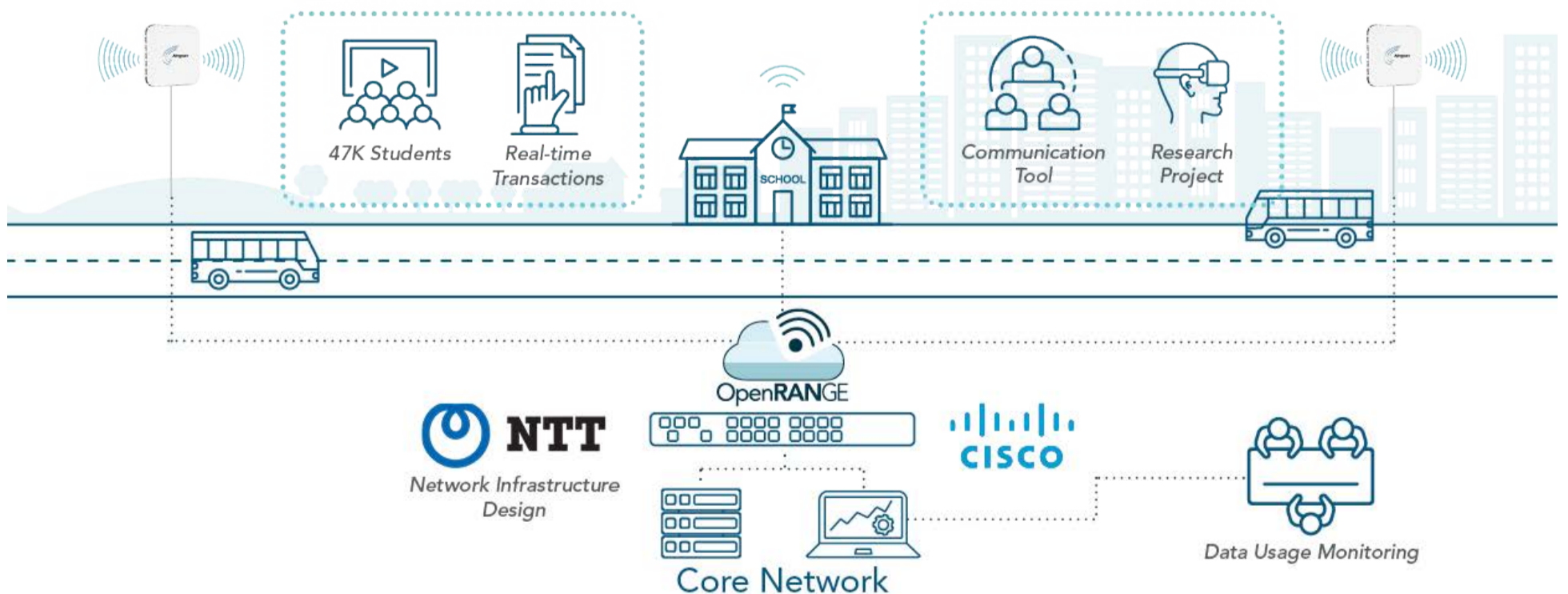
RWTH has a population of 47,000 students. Its current network capacity is deemed to be insufficient to sustain the students' growing need for a reliable internet connection. RWTH has also an internal communication channels of faculty members where they share ideas, topics and future plans. RWTH aims to gain visibility and control with all these data and voice communication which can be made possible by leveraging into Private 5G Network or P5G.

Solution & Benefits

NTT 's solution is to implement P5G using Airspan's ORAN technology and upgrade its network infrastructure to Cisco appliances. With P5G, the university's internet connectivity was optimized due to its high bandwidth capacity and low latency. RWTH research initiatives benefits from P5G for their EU-funded projects such as robotics, location-based emergency route planning, and real-time data transmission in hospital operating rooms. The overall network performance was enhanced because P5G enables an improved IT security and modern hybrid network since Airspan's ORAN was designed to be compatible with various vendor devices.

Airspan

AirVelocity 2700 / n78



Airspan

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