

Cocus Partnered with Airspan to Build Havelport Berlin’s P5G Network to Improve its Operations

Industry
Logistics

Location
Brandenburg, Germany

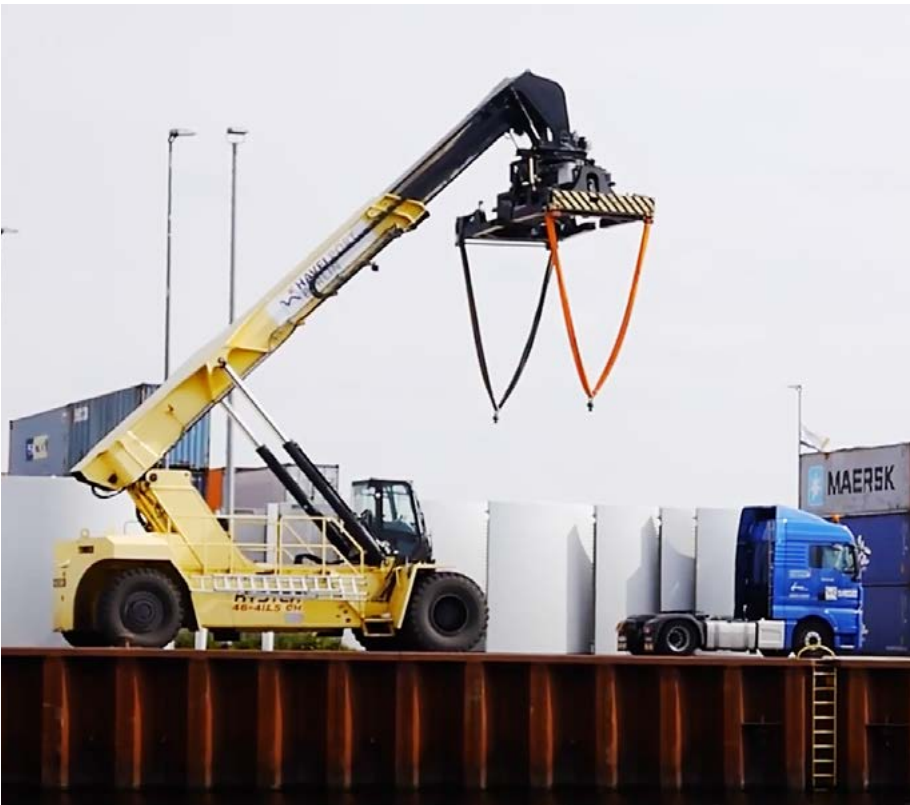
Partner
Cocus

End User
HavelPort Berlin

Reference

Overview

HavelPort Berlin, strategically positioned on the Havel Canal with connections to Hamburg, is enhancing its operational efficiency through advanced automation and digitalization technologies. In partnership with COCUS and powered by Airspan Networks’ 5G Open RAN suite, HavelPort Berlin implemented a private 5G network to streamline logistics processes. The project introduces innovations such as autonomous inventory control by drones, automated weighing systems, and real-time monitoring, significantly improving operational efficiency and competitiveness in the inland shipping industry.



Challenges



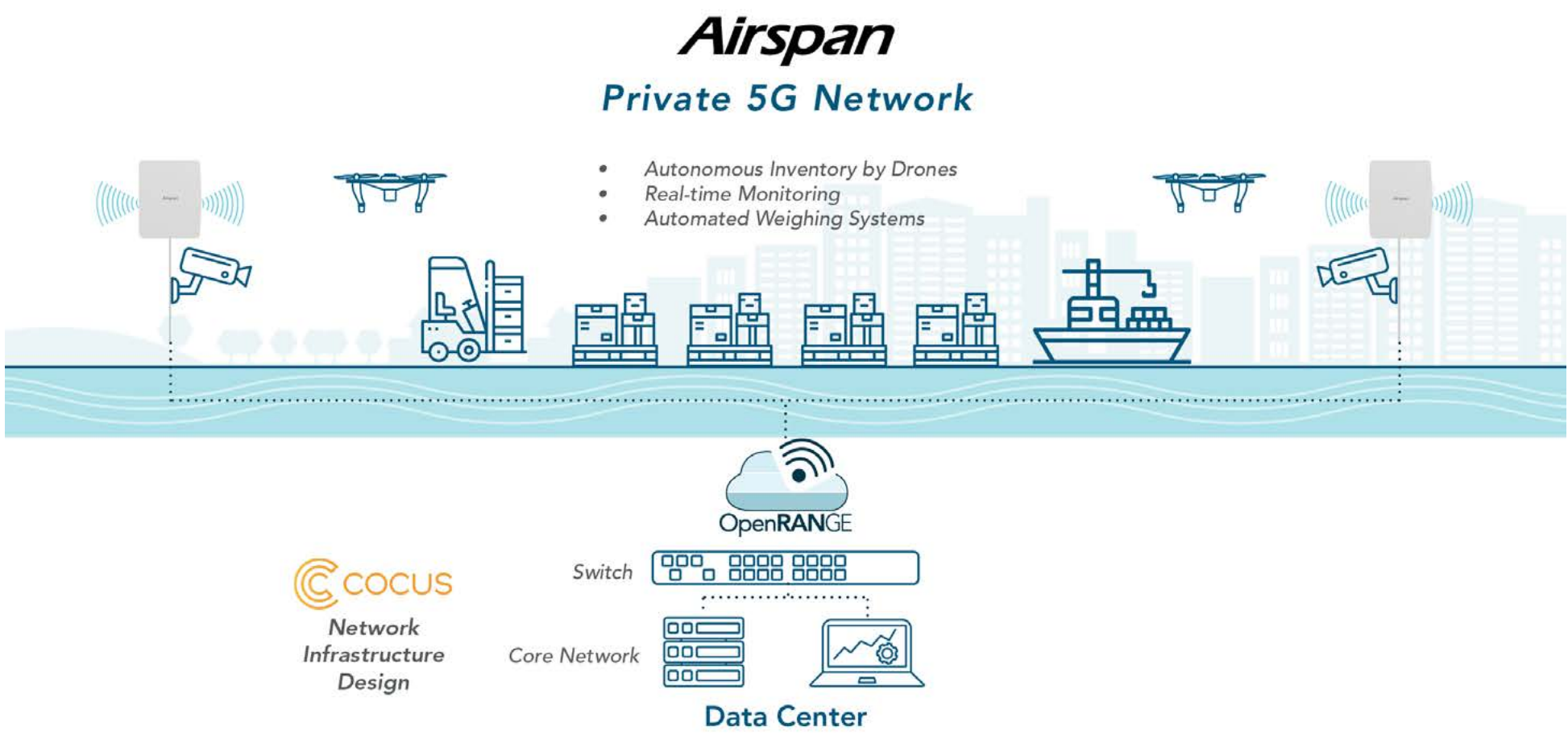
Faced with increased market pressure and operational demands, HavelPort needed to modernize its logistics processes. Traditional methods of cargo handling, inventory management, and transport lacked the flexibility and speed to meet market demands, necessitating a comprehensive solution that could integrate automation and real-time monitoring across a large and diverse port area.

Solution & Benefits

COCUS partnered with Airspan Networks to provide its 5G Open RAN solutions, enabling HavelPort Berlin to deploy a high-performance private 5G network. This network supports key use cases such as:

- Autonomous swap body transport between the port and CT terminal, optimizing logistics with timesaving, partially autonomous maneuvers.
- Automated weighing processes managed via tablets from lorry cabs, increasing annual weighing capacity by up to 60%.
- Drone-based inventory control for precise and efficient bulk goods monitoring in real time.

The real-time data transmission and network stability ensure seamless operations and deliver immediate cost savings through increased efficiency. With this solution in place, customer satisfaction is enhanced and HavelPort is further positioned as a leader in digital logistics.



Airspan

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📍 Airspan Networks Inc.
Headquarters
5201 Congress Ave,
Suite 130
Boca Raton,
FL 33487 USA

📞 Call us on
+1 561-893-8670

✉️ Contact us

in X

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