



Cambium Networks™

CASE STUDY

Opus Arena Rebuilds Wi-Fi Experience and Reduces Costs



Opus Arena, home to a premier football club, encompasses three affiliated organizations and over 100 employees across its operations. As both a professional sports venue and an enterprise campus, the arena requires robust connectivity for match-day operations, media broadcasting, administrative functions, and visitor access across a complex physical environment.



The Challenge

Before Opus Arena was built, operations were housed in the “Gradski vrt” stadium in Osijek. The existing network infrastructure at that facility relied on outdated and underperforming hardware. Frequent issues included:

- Network delays and intermittent connectivity
- Slow throughput impacting media and administrative functions
- DHCP assignment problems and inconsistent coverage

As the organization prepared to move to Opus Arena, it made a strategic decision not to reuse any of the legacy equipment. Instead, it sought a fresh start — a single-vendor solution offering performance, security, and long-term cost efficiency.

The Solution

To build a new digital foundation from the ground up, the IT team selected Cambium Networks for an end-to-end enterprise-grade solution, deploying components across the Cambium ONE Network platform.

Cambium Networks NSE 3000 – Secure WAN services with SD-WAN, firewall, and IDS/IPS

Cambium Networks cnMatrix™ Switches:

EX1028-P
EX2010
EX2028 / EX2028-P
EX2052
TX2028RF-P

Cambium Networks Wi-Fi Access Points (AP):

XV3-8: High-density, tri-radio Wi-Fi 6 AP
XV2-2: Dual-radio indoor Wi-Fi 6 AP
XV-2T0 and XV-2T1: Outdoor Wi-Fi 6 APs

Central Management:

cnMaestro™ X platform for cloud-based monitoring, automation, and lifecycle management

The implementation process was made remarkably simple using the cnMaestro X cloud platform. Planning and execution were jointly handled by Cambium Networks partner Kompro d.o.o. and the internal IT department. A pivotal role in configuring the wireless network was played by a regional sales leader from Cambium Networks, whose work was described as both “excellent and specific.” The project reached full deployment and testing completion in approximately one month. A final step in the transition was replacing the existing firewall with the Cambium NSE 3000, enabling a unified and secure network fabric.

“Cambium Networks cnMaestro™ X is an excellent tool for implementing and monitoring a complete network infrastructure. Combined with their firewall and L2/L3 switches, it creates a powerful solution. The firewall replacement was seamless, and configuring the new device was straightforward. Now, all our network components are orchestrated from a single pane of glass, making administration significantly easier.”

Ivica Makiš, Head of IT Department

“We got many other offers from different vendors, but after deep analysis of price and performance the decision was made quite easy — and it was Cambium Networks.”

The Results

The Cambium-based network at Opus Arena delivered immediate and noticeable improvements:

- Zero downtime — The network has operated without delays or outages since launch
- Significantly faster performance — Enhanced speeds supported by VLAN segmentation and Wi-Fi 6 radios
- Tighter security — Full-stack visibility and control via cnMaestro X for threat detection and response
- Cost containment — No need for additional lines or access systems reduced operational expenses

The organization's investment has yielded tangible business gains:

- Operational excellence — High reliability enables uninterrupted workflow
- User satisfaction — Employees now enjoy a dependable and secure experience
- Lower total cost of ownership — Reduced infrastructure sprawl and simplified management
- Future-ready architecture — Scalable platform accommodates IoT, edge computing, and expanding coverage needs

ONE Network Platform

Opus Arena is a model example of the Cambium ONE Network in action — converging wireless, wired, and WAN edge technologies into a single, intelligently automated platform. Managed via cnMaestro™, the system offers:

Single-pane-of-glass visibility — Application-optimized performance
End-to-end policy enforcement — Network orchestration at enterprise scale

This comprehensive approach simplifies IT operations, enhances the user experience, and dramatically improves efficiency — enabling organizations like Opus Arena to focus on their business rather than the burden of managing fragmented network systems.

About Cambium Networks

Cambium Networks enables service providers, enterprises, industrial organizations, and governments to deliver exceptional digital experiences, and device connectivity, with compelling economics. Our ONE Network platform simplifies management of Cambium Networks' wired and wireless broadband and network edge technologies. Our customers can focus more resources on managing their business rather than the network. We make connectivity that just works.

