



CASE STUDY

How Gayant Expo Scaled Wi-Fi for Massive Events with Ease

Located in the Douaisis urban area, Gayant Expo Concerts is one of northern France's leading cultural and event venues. Spanning over 15,000 square meters, it includes three modular halls that accommodate more than 10,000 guests, plus six adaptable lounges for a variety of professional and public events. From concerts and performances to trade shows and exhibitions, the venue's diverse programming requires a network that is as flexible, high-performing, and reliable as the space itself.

Business Challenges

Gayant Expo had been operating on a network infrastructure that was over a decade old—sufficient in the past, but increasingly strained by modern demands for bandwidth, high user density, and real-time control. The need for an upgrade became undeniable during a major event. “The Indochine concert was a wake-up call,” recalls Maxime, B2B Director at RIS France, an integration partner. “The band’s crew arrived with their own mesh setup, expecting to install everything themselves. But the new network was already prepared—they were connected and operational within minutes.”



The Solution

To modernize Gayant Expo's digital infrastructure, RIS France — a trusted integration partner — led the deployment of a unified network built on the Cambium ONE Network platform.

Deployed Solution:

- 47 Wi-Fi 6 Access Points, including:
 - XV2-T0X
 - XV2-2X: Dual-radio Wi-Fi 6 Access Point with 1.77 Gbps aggregate throughput, ideal for high-density environments
 - XV2-21X: Suitable for dense indoor spaces
- cnMatrix™ Switches: Six units deployed across the venue, with five additional switches on standby to support future expansion
- cnMaestro™ Management Platform: Provides centralized oversight of the entire network — including Wi-Fi, switching, and WAN services — from a single interface.

In addition, the integration of Ucopia by Weblib delivers:

- Custom-branded captive portals tailored to each event
- Monetization features through advertising and sponsored content
- Real-time analytics on visitor behavior and engagement
- Scalable foundation for future targeted digital marketing campaigns

Business values

ucopia
by Weblib

There have been many positive outcomes :

- Operational efficiency: RIS France manages the entire network remotely, reducing the need for on-site interventions.
- Cost efficiency: Premium infrastructure delivered at a competitive cost.
- Enhanced visitor experience: Ucopia allows event-based personalization of connectivity while unlocking new revenue streams.
- Scalability: The infrastructure is built to support upcoming expansions, particularly in outdoor areas.

“The solution is designed with the future in mind. It provides us with a solid and flexible foundation,” says Emmanuel Brehier, Director of Operations at RIS France



“Cambium Networks provides high-performance, easy-to-manage equipment, with a budget perfectly suited to large-scale infrastructures like ours.”
— Emmanuel Brehier,
Director of Operations, RIS France.

ONE Network Advantages

The Gayant Expo deployment showcases the strength and versatility of the Cambium ONE Network in a real-world, high-demand environment.

- Unified architecture: Wi-Fi, switching, security, and WAN integrated into a single platform.
- Centralized supervision: Every device is monitored and managed via cnMaestro's single-pane-of-glass platform
- Application intelligence: Real-time optimization of user experience based on application performance.
- Advanced automation: VLANs, SSIDs, port configurations — everything is deployed remotely in just a few clicks.

With the Cambium ONE Network platform in place, RIS France and Gayant Expo can focus on delivering flawless event experiences—confident that the network is reliable, secure, and effortlessly managed in the background.

Next Steps

With a future-proof network foundation and a clear roadmap for expansion, RIS France and Gayant Expo are setting a new standard for connected event experiences — indoors and out.

“We’re not considering any other solution for the next phase. Cambium and Ucopia have proven themselves — we’re continuing with them.”
— Clément Delvaux, Technical Manager, RIS France



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.