![Nozomi Networks | Paris 2024 | Advens - Security for the greater good]

CASE STUDY

Protecting the 2024 Paris Olympics Critical Infrastructure from Cyber Threats

The Customer
The Paris 2024 Olympic and Paralympic Games

In the summer of 2024, Paris became the center of the world, hosting more than 14,900 athletes and 11.2 million spectators across 35 venues in the Summer Olympic and Paralympic Games. For more than 1,000 years, the Olympic Games have served as a popular, multicultural festival shared by millions of people around the word. In 2024, they represented a new adventure for France, with the city transforming its iconic landmarks into sporting arenas to provide an outstanding backdrop for sporting prowess and offer spectators an unparalleled experience.

Defending the 2024 Olympic Venues from Cyber Threats

The 2024 Paris Olympics presented a colossal cybersecurity challenge that required the seamless integration of IT, OT and, IoT security. Amidst global political tensions and the uncertainty of building out and securing new physical infrastructure on a very tight deadline, the Olympics were undoubtedly an attractive target for cyber criminals, hacktivists, nation-state actors and others.

To prepare for these threats, the French Government appointed ANSSI, the French Cyber regulator, to work with selected cyber partners from the private sector. That included France-based MSSP Advens and solutions from Nozomi Networks. The expertise and technology of both companies were called upon to establish, build and execute a cybersecurity strategy to ensure the Olympic games ran without disruption and were safe from cyber-related attacks or outages.

The team of cybersecurity experts had just under six months to successfully, design, deploy, test and manage a cybersecurity program to safeguard the water systems, event venues, roadways, housing facilities and other critical infrastructure supporting the Olympics from cyberattacks.

Goals

- **Establish and maintain accurate asset visibility,** threat detection and response across more than 15 water systems, event venues, roadways, housing facilities and other critical infrastructure supporting the Olympics

- **Prevent system outages and attacks** with in-depth and continuous operations and asset monitoring

- **Consolidate monitoring and response** into 13 OT SOCs established exclusively to defend the 2024 Olympics

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Nozomi Networks played a critical role in helping defend the Olympics from cyber threats. The Vantage console and Guardian sensors deployed quickly and were highly reliable. This allowed us the quickly classify alerts, eliminate threats and foil several serious cyberattacks.

Stephane Potier
Head of OT & IoT Cyber Security Advens

The Nozomi Platform
Supporting Visibility and Monitoring for 13 Hybrid SOCs

With Nozomi Networks technology and expert support, the Advens team worked quickly to organize and train dozens of consultants and SOC team members who then completed security audits, penetration testing and red team exercises across more than 15 venues and CI sites. Based on this initial assessment round they proceeded to deploy more than 125 network detection and response (NDR) systems and 40,000 endpoint detection and response (EDR) systems to address OT security gaps that could impact the games and human safety.

By the start of the Olympic games, the team has successfully developed and employed a hybrid SOC approach to reduce daily alerts from over 5,000 to just 400. Pre-event penetration testing confirmed the Advens SOCs were well-prepared to detect and respond to upstream mechanism and the solution was easily switched to detection mode to quickly check and discredit a June 24th video release showing an alleged attack by Russian Cyber Army on a water treatment plant.

Results / Outcomes

- **Successfully manage 485,000 threat alerts** over 2 months

- **Address 15 high priority** cyber incident

- **Foil 3 attempted cyberattacks targeting video systems within the venues**, which may have caused panic and psychological damage to both visitors and TV viewers.

3
years of successfully partnering with Nozomi Networks

13
OT SOCs deployed during the Olympics

<6
months to design, deploy, test and manage

+15
Solution spans more than **15 Olympic venues** and critical infrastructure sites

3
attempted cyberattacks where stopped, and addressed 15 high priority cyber incidents

Why Nozomi

- **Unmatched** industry expertise and professional services

- **Local support** from a Professional Services team based in France

- **Superior** product functionality and performance

- **Agility** to quickly address the project needs and feature requests

- **ANSSI certified solutions**

aDvens
Security for the greater good

Advens is an independent and sovereign leader in cybersecurity, with an extensive presence across Europe and Canada. Advens' mission is to provide 24/7 protection, 365 days a year, to public and private organizations that increasingly rely on digital technologies and expose their resources to ever more professional attackers.

Visit us at **www.advens.com**

Nozomi Networks protects the world's critical infrastructure from cyber threats. Our platform uniquely combines network and endpoint visibility, threat detection, and AI-powered analysis for faster, more effective incident response. Customers rely on us to minimize risk and complexity while maximizing operational resilience.

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