

Spie batignolles

Construction company improves its security posture and protects its mobile workforce with Secure Internet Access Enterprise

Addressing gaps in DNS security

When your company takes prides in constantly reinventing itself and in accelerating those transformations, that culture impacts every part of your operations. This describes the case at Spie batignolles, a leading construction company based in France with operations around the world. This focus posed a particular challenge for Sebastien Vanneuille, Information System Security Manager for Spie batignolles, as he sought to ensure that the company's engineers and consultants could do their jobs securely.

Hundreds of the company's engineers and consultants work remotely about 50% of the time, in meetings and on-site for construction projects. As is the case for any modern business, Spie batignolles equips these employees with laptops that enable them to work from anywhere. However, without the right security measures in place, these tools could be compromised and become a conduit for threats to infiltrate the company network.

As the company grew, its management team became aware of the need to ensure strong cybersecurity. Though Sebastien implemented a range of security solutions to address these concerns, he saw DNS security as a weakness when it came to the company's global security strategy. Because Spie batignolles' ISP provided a recursive DNS resolution service that relied on third-party threat intelligence data, it didn't provide the level of protection that the company desired. In addition, it was impossible for the security team to obtain any accurate information about its recursive DNS traffic.

"We had such little visibility that we weren't aware of any potential security problems, and even the smallest cybersecurity event posed a risk. Also, when users were working remotely, we had no way to ensure they were protected from any potential threats. We needed a way to strengthen our security posture during those times," explains Sebastien.

Adding a much-needed security layer with Secure Internet Access Enterprise

Sebastien was familiar with Akamai's reputation, so he assessed the Secure Internet Access Enterprise solution. He was impressed by the the fact that he could quickly and easily improve Spie batignolles' security posture using DNS without negatively impacting performance.

spie batignolles

Spie batignolles

www.spiebatignolles.fr

Industry

Public Sector

Solution

[Secure Internet Access Enterprise](#)

Key impacts

- Strengthened security posture and enforced its acceptable use policy
- Gained real-time insight into DNS traffic and security events
- Improved protection for remote laptop users
- Freed up security team time to focus on more strategic activities



Secure Internet Access Enterprise adds a layer of security using DNS as a control point to block malicious domains and communications for all users and devices, whether they are on or off the corporate network. Once Spie batignolles redirected its external recursive DNS traffic to Secure Internet Access Enterprise, all requested domains would be checked against Akamai's real-time domain risk-scoring threat intelligence. The solution is highly effective because of its up-to-the-minute threat intelligence based on Akamai's unprecedented visibility into internet traffic, including 2.2 trillion recursive DNS requests resolved daily.

Comparing Secure Internet Access Enterprise with a plug-and-play solution, Sebastien found he could configure it just as quickly, and he was able to easily customize an acceptable use policy (AUP). Within a very short time, the solution was deployed and protecting contractors' and engineers' laptops.

Improving security and security operations

Previously, Spie batignolles lacked the means to set up and enforce an AUP. In addition to applying it to employees, Sebastien uses it to enforce a guest Wi-Fi policy to limit the risk of threat propagation.

Sebastien was impressed with the fact that he gained real-time insight into all outbound enterprise DNS traffic, threats, and AUP events via an easy-to-use dashboard. "We can quickly understand why Akamai has added a domain or URL to its threat intelligence lists," says Sebastien.

Because Akamai provides up-to-date, relevant information, Sebastien is better positioned to improve his company's security posture. As he explains, "Previously we couldn't even tell which users were looking at what domains. We see far more detail with Akamai Secure Internet Access Enterprise, and are far more comfortable and confident about the security of our laptop users when they are off-network."

The impact of Secure Internet Access Enterprise is felt in other ways. "Secure Internet Access Enterprise can handle the work that multiple people on my team used to perform. In fact, we consider it part of our security team. Now that we no longer need to worry about DNS security, we can refocus our efforts on other priorities," concludes Sebastien.



Trusted relationships are key when it comes to cybersecurity. That describes the value we get from Secure Internet Access Enterprise and the experts within Akamai.

Sebastien Vanneuille
Information System Security
Manager, Spie batignolles

The logo for Spie batignolles, featuring the company name in a white sans-serif font on a yellow rectangular background with a white curved line underneath.

Spie batignolles is a major player in the building, infrastructure, and services industry. It operates on six major areas of expertise: construction, civil engineering and foundations, energy, public works, real estate, and concessions. Spie batignolles' iconic projects include the renovation of the Maison de la Radio; the research center EDF Saclay; ITER; the Palais des Congrès du Havre; the motorways A10, A9, and A466; the MGEN Institute of La Verrière; the TGI of Strasbourg; the Lyon-Turin rail link; and the works undertaken in the framework of Greater Paris. The group also carries out local interventions, maintenance, and care on the entire nation via a network of dedicated agencies. Spie batignolles is positioning itself in its markets as a leader in the "customer relationship" and is developing a policy of differentiating partnership offers. The group achieved a turnover of 2 billion euros in 2018, has 7,500 employees, and has 170 offices in France and nine abroad, including in Europe, the Middle East, and Africa. Spie batignolles has given itself the means to conduct its development independently. Since September 2003, the group is mainly controlled by its managers and employees: www.spiebatignolles.fr.