tenable.ad

How Lagardère's small entities protect their Active Directory infrastructures with limited resources

Managing the cost of cybersecurity

- Industry: Publishing, Travel Retail, Media, Sports & Entertainment
- Location: Worldwide
- Revenue 2017: €7,069M

Lagardère

The Lagardère group is a global leader in content publishing, production, broadcasting, and distribution, whose powerful brands leverage its virtual and physical networks to attract and retain targeted audiences. Operating in approximately 40 countries, Lagardère has four business divisions: Books and e-Books; Travel Retail; Press, Audiovisual, Digital, and Advertising Sales Brokerage; and Sports and Entertainment.

Challenges

Through its extensive portfolio of brands and global networks, the group today covers a large spectrum of activities with leading market positions.

When it comes to security for such diverse brands, corporate histories and subsidiary sizes make managing cyber risks extremely challenging. Depending on the resources and priorities of a subsidiary, there are several ways to handle cybersecurity. It is critical for Lagardère to guarantee an optimal and homogeneous level of security across the group's various entities.

Guaranteeing this level of security requires a high level of expertise which can be costly and time-consuming, especially in highly technical matters such as Active Directory security. Small businesses with limited IT resources can find it difficult to allocate the required time to fulfill their cybersecurity strategy needs.

Benefits

- Cutting-edge cybersecurity product within SMEs' reach
- Seamless to deploy and easy to operate
- Efficiently detects AD breaches without human supervision

KPIs

- 1 Tenable.ad console per perimeter
- 100+ Active Directory domains
- 288,886 protected users spread across 40 countries

Stakeholders at Lagardère

- 1 IT Manager per entity
- 1 Technical Resource per entity

Tenable dedicated team

- 1 Technical Account Manager for the group
- 1 Senior AD Security Engineer for the group

Integration plan

- Three-day deployment per entity
- Standard product architecture to fit every Lagardère entity
- Interconnection with SIEM to report and react to alerts in real time
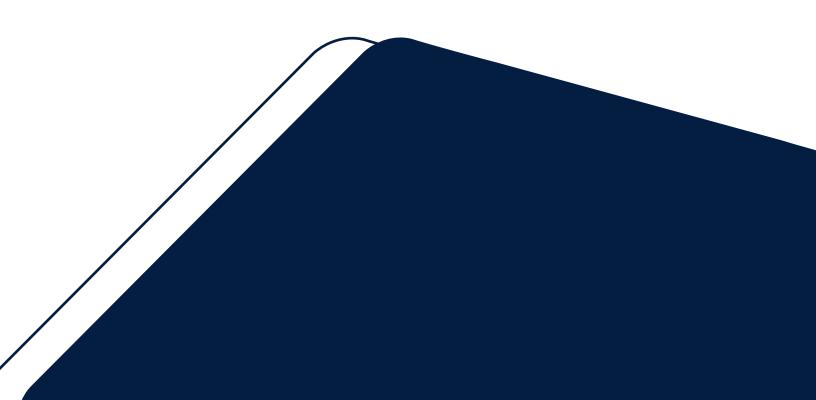
Solutions

Since its inception, Tenable.ad was designed as a seamless, non- intrusive, and easy-to-deploy product, able to perfectly fit both large and small entities. This adaptative design was key to ensuring a smooth product deployment in Lagardère's environment. It took just three days to deploy the fully packaged and turnkey solution with minimal impact on Lagardère's activity.

Tenable.ad's remote-enclave solution was the perfect match for Lagardère's needs. Completely autonomous, the solution requires no ongoing action from the security team to operate efficiently. On the contrary, the product acts as a control tower in charge of Active Directory security. The solution only raises alerts to the security team when a security vulnerability or breach is detected.

Lagardère wanted to offer each of its subsidiaries the ability to have its own security monitoring solution. This was achieved by deploying cloud platforms for each entity. Although ambitious, this approach was made possible through Tenable.ad's cost model which is based exclusively on the monitored infrastructure's size. Small companies finally can benefit from state-of-the-art Active Directory security for a reasonable price.

"TENABLE.AD INTEGRATION WAS NOT ONLY ACCOMPLISHED IN A DAY, BUT IT ALSO PROVIDED EFFICIENT SECURITY MONITORING ON ATOMIC INFRASTRUCTURES WITH NO IMPACT ON THE WORKLOAD OF SECURITY TEAMS."

– Thierry Auger
Deputy CIO & CISO

Result

Make advanced cybersecurity achievable for small entities

Lagardère's group is comprised of numerous small perimeters which all have specific business concerns and IT characteristics. As Tenable.ad automatically learns the monitored Active Directory perimeters, the analysis is adjusted to fit vastly different business organizations, from the largest to the smallest corporate environments.

Using Tenable.ad, Lagardère was able to ensure state-of-the-art security monitoring for its subsidiaries. To keep subsidiaries in charge of their own environments, one Tenable.ad platform was deployed for each. This objective would not be possible without a cost model adapted to the limited resources that small companies have to invest in cybersecurity. Due to Tenable's flexible business model, they can design a tailor-made solution.

Prevent excessive workload for cybersecurity teams

Lagardère's major objective was to improve the security of its critical infrastructures without increasing the workload of its employees. In a small company, cybersecurity can be managed by a maximum of one or two people.

Many security solutions have operational disadvantages that place a heavy burden on security teams. Compliance solutions often require defining security rules and maintaining them over time, which is time- consuming for a small team. Tenable.ad offers a definitive solution to this problem by applying every detection rule to ensure that Lagardère remains protected against even the most advanced cyberattack. Thanks to its security as a service approach, Tenable.ad drastically reduces the impact on security teams and makes Active Directory security seamless.

Reduce false positives using Tenable.ad's unrivaled correlation engine

Reducing the number of security events that need to be reviewed is Tenable's major benefit for SOC teams. Both Lagardère and Tenable believe that event log analysis is not suitable for complex IT environments. Too much irrelevant information is provided which congests SOC analyst capabilities and causes significant archiving costs. Tenable.ad is the first security solution that can monitor the security of Active Directory infrastructures without using security logs for detecting attack paths. By analyzing the replication processes, Tenable.ad identifies breaches at their root and only generates alerts to the SIEM. Tenable.ad successfully reduced the number of security events sent to the SOC team, allowing Lagardère to be more productive by focusing only on relevant information.