

Hi-Tech Equipment Supplier Invests in Security

Since 1968, ASM has established itself as a leading supplier of semiconductor equipment and process solutions for wafer processing, currently with operations in 14 countries. Their customers include some of the world's top semiconductor device manufacturers, so security is a top priority. It's critical to protect both their own and their partners' proprietary information.

With their IT systems hosting so much highly confidential information, senior management had its concerns about security. If their information were compromised, it could lead to a number of damaging issues. Their competitiveness in the marketplace could be impaired, not to mention the potential loss of business with their suppliers and customers. And this may further lead to infractions in trade secret misappropriation laws and breach of contracts.

They recognized the need for 24x7 security event monitoring to minimize risk. They needed the right security partner, with best-in-class technology, to feel confident all their private data was safe.

"We have been delighted with the quality of Proficio's service. They provide us the most advanced security technology supported by a team of highly responsive security experts." - Brandon Phuan, CIO

Struggling to Manage IT Systems' Vulnerabilities

"We had an outdated IT infrastructure with a lean and broad-based IT skillset and the inability to upkeep basic modern IT operational activities," said Ethan Lim, ASM's IT Security Head.

Without additional resources, it was a struggle for their team to manage the vulnerabilities to their IT systems and monitor their health status. It would take more people, with the right skills, to do this effectively.

To expand an IT workforce and run a Security Operations Center (SOC) 24x7 takes a substantial amount of time and money. Instead of building a team internally, ASM made the decision to outsource security event monitoring. They contacted a number of Managed Security Service Providers (MSSPs) so they could evaluate vendors.

Evaluating Security Partners

ASM needed to find a capable and trustworthy MSSP to handle their security demands. They wanted an organization with the right technology, long-term vision, the maturity to develop efficient and effective processes, and sustainability. They were looking for a provider who could provide outstanding support with well-developed process integration and continuous oversight.

CASE STUDY

INDUSTRY

Manufacturing

CHALLENGES

How to update their in-house IT infrastructure, without the cost of adding more equipment and staff, and find a partner to aid their workforce and give their networks 24x7 security

SOLUTION

Find an MSSP partner — Proficio's ProSOC services provided them a cloud-based solution that allowed them to work with local security experts and get 24x7 monitoring and alerting

RESULTS

- Improved security and reduced risk with Proficio's ProSOC service providing best-in-class security monitoring and breach prevention
- Having Proficio's team of security experts manage and advise ASM increases situational awareness of potential threats
- Working with Proficio is straightforward and cost efficient – the ProSOC team is reliable, very responsive, and skilled in solving unforeseen issues

Schedule a ProSOC demo

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ASM sent out a request for proposal (RFP) to vendors and began the process of carefully evaluating MSSPs.



“In this evaluation, Proficio stood out among the respondents in terms of in-house security expertise, the considerable experience of their team members, project management methodology and tools, and operation processes. We also liked the local presence of the Singapore office,” explained Ethan.

The decision was made to move forward with Proficio’s ProSOC solution and the deployment process began. Since ASM operates in 14 countries, the implementation was extensive. Despite the large-scale nature of the deployment, it was handled quickly and efficiently.

“It was a global deployment exercise mainly covering major business locations in Asia, Europe and America. The deployment was completed on-time and Proficio was able to deliver the solution as promised,” said Ethan.

Two Security Perspectives are Stronger than One

Proficio provides ASM with timely, accurate security alerts and the ProSOC team is there, 24x7, to help with issues when they arise.

Ethan explains, “Proficio’s team reacts quickly to unanticipated issues with alternative solutions. They objectively advise customers to guide them to good decisions and are highly responsive.”

Adding Proficio’s ProSOC solution to ASM’s IT workforce has proven to be very beneficial. As Ethan says, “Proficio acts as a security partner to manage and advise, not just within the scope of their Security Operations Center, but also by bringing in a team of competent security experts which mid-size companies tend to lack.”

“We recommend Proficio to other potential customers. They are a very reliable, trustworthy security partner who delivers high-quality results.” - Ethan Lim, IT Security Head

24x7 Managed Security Services

Proficio has Security Operations Centers in Southern California and Singapore. Its ProSOC service provides the organization with the following capabilities:

- Access to a fully managed cloud-based ArcSight SIEM
- 24x7 security event monitoring, analysis and alerting
- SOC Analysts investigations and hunting
- Advanced SIEM use cases and correlation rules to detect attacks and suspicious behavior
- Actionable alerts to enable fast and effective response to high priority events
- Integrated threat intelligence that identifies the source and destination of traffic traversing the network associated with hackers and known malware sites
- Visibility to event logs with an easy-to-use web portal, powerful reporting, dashboards, and drill down analytics
- Cloud-based log retention

About Proficio

Proficio is an award-winning cloud-based managed security service provider. We combine state-of-the-art analytics with around-the-clock monitoring to provide advanced threat detection and breach prevention solutions to enterprises, healthcare providers, and government. Proficio’s ProSOC monitors and analyzes organizations’ security events to provide actionable threat notifications and responsive breach prevention actions. ProSOC enables organizations to address critical security and compliance needs, prevent data breaches, and reduce operations costs. For more information, visit www.proficio.com.



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