

Yara Unifies Global Multicloud Environment with Aviatrix

Yara, a global leader in crop nutrition, needed a cloud networking solution to simplify and secure their multicloud environment. As a large enterprise with operations spanning six continents, the limitations and unique complexities of native cloud provider networking services created challenges for Yara.

Yara operates business-critical applications in the cloud and needed to find a solution that would deliver the high-availability, security and operational visibility required to maximize service uptime and minimize costs. David Van Damme, Yara's Director of Farm and Field Data, manages a team to automate the company's cloud, application, data and network infrastructure.

Challenges with complex cloud networking

Van Damme quickly realized that cloud service provider (CSP) networking complexities were going to create challenges he would need to architect around to achieve the infrastructure SLA his team had committed to the business. A partner working with Van Damme's team to build out Yara's data platform recommended exploring Aviatrix as a solution. The team engaged with Aviatrix and quickly experienced value in the solution, both in Amazon Web Services (AWS) alone and for their multicloud environment.

Streamlining multicloud management with Aviatrix

The team saw quick success using Aviatrix to develop a consistent cloud network that simplified the complexities of the AWS-native infrastructure. After proving this initial use case, the team expanded its Aviatrix deployment across the organization. "Aviatrix ticks a lot of our boxes," Van Damme stated. "Aviatrix makes both deployment automation and day-two operations much simpler than native cloud networking and delivers on our requirement for a multicloud solution."

Aviatrix delivered a common networking and security platform across all of Yara's public clouds and streamlined its multicloud operations. Being cloud-agnostic has allowed Yara to quickly onboard additional public clouds and scale to meet business requirements, without being bogged down by the complexities that would have caused delays and direct impact to business-critical application delivery schedules.

Accelerating business with complete, centralized visibility

Looking ahead, Yara plans to merge many of its formerly independent DevOps cloud networks into the organization's more extensive WAN, SD-WAN, and other traditional networking technologies. By centralizing its IT services, Van Damme and his team will ensure Yara's global networking team has full visibility and troubleshooting capabilities across the organization's public cloud providers. Meanwhile, local engineering teams can remain productive independent of what cloud they choose to operate in.

While the Yara team is now confident in their ability to operate the Aviatrix cloud network independently, Van Damme shared that he was happy to have help from Aviatrix Professional Services to establish Yara's target state goals and receive consistent guidance throughout its implementation. He emphasized that Aviatrix's strong customer focus sets it apart from other software providers.

As Yara continues to streamline its multicloud operational model with Aviatrix, Van Damme shared his advice for other organizations who may be facing similar challenges. "If you're very invested in public cloud and starting to look at what to do with networking, I definitely recommend looking at Aviatrix."

COMPANY

- Yara is a global crop nutrition company that produces, distributes, and sells fertilizers and related industrial products.

CHALLENGES

- Needed a multicloud networking solution, but native cloud networking services were overly complex and lacked multicloud operational visibility & control
- Needed consistent visibility and security within and across their multiple public clouds to mitigate threats and troubleshoot faster

RESULTS

- Streamlined multicloud operations with Aviatrix's advanced networking, security, and operational visibility services
- Delivered a consistent multicloud network and simplified expansion plans for additional clouds
- Provided a global operational view within and across clouds, reducing the time needed to troubleshoot and mitigate threats

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– David Van Damme, Director of Farm and Field Data