AVX Corporation Case Study

AVX Corporation is a leading international manufacturer and supplier of advanced electronic components and interconnect, sensor, control and antenna solutions with 29 manufacturing facilities in 16 countries around the world. AVX is headquartered in Fountain Inn, South Carolina.

AVX DRIVES INNOVATION AND MEETS DATA SECURITY AND COMPLIANCE REQUIREMENTS WITH NETSKOPE

Innovation, research, and development are crucial for safer, effective, and more reliable electronic components that AVX delivers to customers. With a focus on continued innovation, AVX uses the cloud to consistently exceed customer expectations. AVX is a Google Apps user, with employees adopting Google G Suite and services like Google Drive and Gmail to better collaborate, creating an environment that fosters innovation and delivers on their mission.

Although they use many cloud services across the organization the majority of data movement taking place at AVX is within G Suite. As usage grew within the company, an increasing amount of data was uploaded, and IT had little to no visibility or control of the data in the cloud. This data included client contracts, employee and customer information, intellectual property, and other confidential records. Prompted by the revelation that they needed a clear picture of risk exposure, information security professional Zack Moody sought a solution to help them discover and gain control over sensitive data across G Suite and to meet growing compliance requirements, including GDPR.

Moody and his team brought in Netskope to serve as a central control point to enforce security, compliance, and governance policies consistently across G Suite, and in the future, extend this to include other cloud services.

PROFILE

INDUSTRY
Electronics

REGION
South Carolina

CHALLENGES

- Needed visibility and control over data in Google G Suite
- Discover ShadowIT cloud services in the environment
- Demonstrate compliance with GDPR
- Inspection and control of cloud traffic even when it originates from a mobile device

BENEFITS

- Accelerated adoption of G Guite while enforcing security and compliance policies
- Monitor unsanctioned cloud/web activity and block this from taking place
- Detect all access to G Suite, regardless of where users are located or what device they are using
- Be alerted to anomalous behavior that could signal out-of-compliance behaviors, malware
- Easily assess third-party cloud risk

SOLUTIONS

- Netskope for Google G Suite
- Netskope for Web
- Netskope for IaaS

"Netskope lets us use Google G Suite to its full capability. We can see how our data is being used, if it is being shared with third parties and take action to mitigate risk."

Zack Moody | Global Head of Information Security & Privacy

UNCOVERING EMPLOYEE CLOUD USAGE AND ENABLING A SECURE CLOUD

First, AVX had to understand their employees' usage patterns and what data they had in the cloud. "We wanted to understand what cloud services users were accessing and the data we had in the cloud to get an understanding of our risk exposure," explained Zack. They used Netskope to uncover which cloud services users were accessing. "With Netskope, we were able to view important contextual details around our usage — including users, devices, and activities — and assess our risk by identifying sensitive files in G Suite and seeing if and how they were being shared. We can easily monitor unsanctioned cloud services being used and can take action like blocking the activity or coaching our users to use G Suite instead."

DRIVING COMPLIANCE AND DATA SECURITY

Using Netskope, they created several profiles for confidential documents and personally identifiable information (PII). Netskope discovered all of the content in G Suite against these profiles, identifying millions of files, thousands of which were a match for the content profiles they created. With this visibility, AVX was able to drill down, see who the content owners were, and understand the sharing status of the content, including the percentage of sensitive data that was shared outside of the company. They can now discover content as it's being uploaded and take action accordingly. "Using DLP features and access controls by Netskope, we have been able to secure personal data for GDPR cloud compliance" says Moody.

SECURE ACCESS FROM MOBILE DEVICES

In addition to collaborating with external sources and third parties like contractors, AVX has thousands of employees around the world who need anytime, anywhere access to their data. With the old ways of connecting through VPNs being cumbersome, the team started looking to the cloud for answers, specifically, how to drive secure and effective collaboration through widely used Google Apps and ensure sensitive information does not leave the company. With Netskope, they have real-time visibility and granular policy-based control for users accessing G Suite applications for managed devices. They are also able to allow users to access unsanctioned applications to view content but restrict other activities such as uploads and shares to protect their sensitive data.

LOOKING FORWARD

AVX relies on Netskope to ensure secure and compliant usage for Google Apps today. "In the future, we can extend real-time security policies like DLP, threat protection and compliance in Google Apps to Google Cloud Platform and the web, through a single security platform" says Moody.