How cloud security keeps patient data safe.

Organization snapshot

Organization: Organizacion De Servicios Directos Empresarios SA (OSDE)

Headquarters: Buenos Aires, Argentina

Users: 8,906

Objective:
Following an organization-wide migration to G Suite, OSDE needed to ensure the highly sensitive information it handled in the office could also be tracked and monitored in the cloud. By adding a CASB solution to its security stack, OSDE gained visibility into its information flow and a means to reduce future infrastructure costs.

Solution:
Cisco Cloudlock

Impact:
- Secured identities, data, and apps in the cloud
- Increased visibility with cloud tracking and monitoring capabilities
- Revealed potential information leaks before they escalated

“Cloudlock has expanded our capacity for collaboration by allowing us to confidently make more data available to more employees, partners and providers in the cloud with no additional infrastructure investment.”

Bruno Limoni
Information Security Manager
OSDE
The challenge

A robust, G Suite-compatible CASB

One of Argentina’s leading healthcare providers, OSDE delivers high-quality healthcare to 2.2 million members across the country’s 23 provinces.

In support of its mission to deliver top-quality healthcare to patients at its 400+ facilities, OSDE began in 2012 a system-wide migration to cloud-based G Suite (formerly Google Apps). While the move enabled better collaboration, it also meant increased sharing of highly sensitive personal data.

“With so much confidential patient, partner, employee, and credit card data in the cloud, we needed to know specifically how this information was being shared so we could protect it from threats like ransomware and phishing,” says Bruno Limoni, Information Security Manager at OSDE. “Any breach could damage our members’ trust and confidence, as well as result in financial loss, fines, and compliance violations for data subject to regulation.”

The solution

A robust, G Suite-compatible CASB

“While G Suite offered a certain level of built-in security, we had no way to precisely identify what information was in the cloud, nor did we understand how our users were handling such sensitive data,” Limoni says. “We needed a means by which to monitor and audit the organization’s activity in the cloud.”

Against the backdrop of healthcare’s intensifying ransomware crisis, OSDE sought a solution to offset the risk represented by a proliferation of mobile apps designed to interact with corporate accounts. The need to visualize the organization’s information flow—mapping what data is being shared with whom—led OSDE to consider a cloud access security broker (CASB).

“We investigated a number of solutions, including those designed by Google for other products,” says Limoni. “Cisco Cloudlock stood head and shoulders above the rest due in part to its G Suite compatibility, and was ultimately selected because no other solution offered a feature set to match Cloudlock’s capabilities, including the optional Apps Firewall.”

“With so much confidential patient, partner, employee, and credit card data in the cloud, we needed to know specifically how this information was being shared so we could protect it from threats like ransomware and phishing.”

Bruno Limoni
Information Security Manager
OSDE
The results

Increased control and visibility

“Cloudlock showed us what we couldn’t see before. For example, one document with user names and passwords had unwittingly been made accessible to more than 200 cloud users,” Limoni says. “We now have insight into where restricted information may be shared in G Suite, which helps us prevent safety issues before they occur.”

Before Cloudlock’s deployment, OSDE was unable to detect information outflow anomalies or phishing cases. OSDE is now able to monitor information as it travels away from the office, off the network and into the cloud.

“With Cloudlock, we can track G+ posts and investigate information leaks,” says Limoni. “While it has already helped us very cost-efficiently shore up any potential data leaks in the short term, Cloudlock also offers us an opportunity to reduce infrastructure costs over the long term by securely and compliantly hosting more information in the cloud.”

Limoni continues, “Cloudlock has expanded our capacity for collaboration by allowing us to confidently make more data available to more employees, partners and providers in the cloud with no additional infrastructure investment.”

“Cloudlock showed us what we couldn’t see before. For example, one document with user names and passwords had unwittingly been made accessible to more than 200 cloud users. We now have insight into where restricted information may be shared in G Suite, which helps us prevent safety issues before they occur.”

Bruno Limoni
Information Security Manager
OSDE