

Top Resort Achieves PCI Compliance with Illumio

Solving strategic problems on a tactical budget with a streamlined team and timeframe.

SUMMARY

Industry: Hospitality

Environment: On-premise network with multiple POS terminals

Challenge: Meeting PCI compliance requirements under deadline and budget constraints

Solution: Illumio's real-time application dependency map for ringfencing PCI environment

Benefits: Budgetary adherence, ease of use for a small team, speedy cloud deployment, and ability to test policy prior to full production

Customer Overview & Challenge

The IT team at one of the world's largest resorts sought effective ringfencing of their PCI environment to achieve compliance without losing productivity – or being taken for a ride. “For PCI, we were looking for a way to not have to redo our entire network and spend a billion dollars. Not only because of the amount of switches we would need, but with the cabling and everything, it just wasn't going to work. I don't want to worry about VLANing. I just want to be able to log in, see everything that I need, and make changes within a matter of seconds.”

Operating as a lean team, visibility behind the firewall was imperative. “IT people are so firewall-based and focused on keeping people out. But we needed a way to view all of the traffic that we have flowing internally and to see: Why does this need to talk to that? Why is this app or front desk workstation going to our web server?”



Illumio Solution

The resort's IT team chose the Illumio Adaptive Security Platform® (ASP) to achieve their short-term project requirements and meet their long-term operational needs for securing the PCI environment. "When we don't have a lot of time, we can log in and if we see something unusual occurring in the traffic, we're able to make an instant change and know that it's secure – then obviously investigate and figure out what's going on."

The added visibility and intuitive interface of Illumio ASP's real-time application dependency map was a strategic value-add for a small team with a big mandate. "It's already made a big difference in seeing what is actually talking. Especially among my peers, we don't have big IT teams. The budget isn't there for it. The map is priceless."

Customer Benefits

Illumio ASP's ease of use and tailored workflow for policy creation played a key role in the success of the resort's deployment. "Illumio policy modeling let us run first in a test environment. That's how IT shops should work: you're testing before going into production. Other vendors put the responsibility on me and on my team, but Illumio designed the product to test my traffic before we go live. It prevents our entire network from accidentally going down. I can't afford downtime – and my upper management can't either."

Cloud deployment was another key factor for fast deployment with streamlined, intuitive operations. "I can log in and take care of any issues 24/7 – visually too. The ease of use and set up were major benefits. The cloud solution for us is great because I don't want to have to worry about one more piece of equipment that I have to update. That's worth it to me."

About Illumio

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Illumio, the leader in micro-segmentation, prevents the spread of breaches inside data center and cloud environments. Enterprises such as Morgan Stanley, BNP Paribas, Salesforce, and Oracle NetSuite use Illumio to reduce cyber risk and achieve regulatory compliance. The Illumio Adaptive Security Platform® uniquely protects critical information with real-time application dependency and vulnerability mapping coupled with micro-segmentation that works across any data center, public cloud, or hybrid cloud deployment on bare-metal, virtual machines, and containers. For more information about Illumio, visit www.illumio.com/what-we-do or follow [@Illumio](https://twitter.com/Illumio).

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