EQUINIX | LINK11

LINK11 SCALES ACCESS TO CLOUD SECURITY PLATFORM

Expanding capacity for enterprise DDoS protection and cyber resilience solutions

Leading global security provider leverages Platform Equinix® to increase its network and internet capacity for stopping more complex and frequent attacks.

Challenge

Over the past year, Link11 was experiencing an increase in the scale of its customers' distributed denial of service (DDoS) attacks. The attacks on organizations and enterprises from all industry sectors were also more complex (i.e., multivector and across all layers) and larger (>100 Gbit/s), targeting all components of their IT infrastructure.

"We recognize and appreciate Equinix as a highly professional global partner. Together with Equinix, Link11 can connect customers directly to the Link11 Cloud Security Platform, gaining easier access to new markets. We've also gained the flexibility to expand our capacity so our global customers can further benefit from Link11's protection solutions."

- Marc Wilczek, COO, Link11

Solution

Link11's Cloud Security Platform is fully automated and reacts in real time to defend against all attacks, including unknown and new patterns, in under 10 seconds. Equinix provided Link11 with the ability to connect more of its customers and network service providers (NSPs) directly and securely to the Link11 platform using Equinix Cross Connects. By deploying

LINK11

About Link11

Link11 is the leading European IT security provider in automated DDoS and other traffic-related cyber-resilience services. Its Cloud Security Platform provides world-class protection against DDoS and other cyberattacks through fully automated, real-time, predictive AI mitigation services. Its services are patented and built within its own global filter cluster network to ensure cyber-resilience for internet-dependent customers.

www.link11.com

About Equinix

Equinix is the world's digital infrastructure company. Digital leaders harness our trusted platform to bring together and interconnect the foundational infrastructure that powers their success.

Equinix.com

low-latency connectivity close to Link11's NSP partners and its customers in global Equinix International Business Exchange™ (IBX®) data centers, Link11 can deliver dedicated, high-performance and scalable access to its security platform.

Link11 also wanted to strategically extend its points of presence where there were several ISPs and internet exchanges, and a greater number of enterprise customers. Platform Equinix® provided the ideal global interconnection and colocation platform for the company to expand from locations in London, Amsterdam and Frankfurt into Singapore and Miami, with the opportunity to move into other geographic locations.

Future growth includes leveraging Equinix Cloud Exchange Fabric® (ECX Fabric®) software-defined interconnection to extend its security services to a greater number of customers in geographic regions where Link11 does not have a presence.

Value Realized

Deploying its solution on Platform Equinix enables Link11 to quickly and efficiently deliver its cloud-based security services to a variety of customers on a global scale. One customer, a leading global accounting company, leveraged Equinix Cross Connects to directly and securely connect to Link11's Cloud Security Platform to protect the customer's European data centers. The company was experiencing a multifaceted, "impulse" DDoS attack that lasted for short durations (between 15 minutes to 1 hour) over a period of a week, which constantly interrupted its IT services.

In the early days of DDoS attacks, only e-commerce web pages fell victim to DDoS attacks. According to Link11 Cyber-Resilience Network Analysis, the last years have seen shifts in the industry targets. As in the case of Link11's accounting customer, connected enterprises increasingly have become greater potential targets for attacks. As a result of a DDoS attack, an inadequately protected or unprotected server may be unavailable for hours or days. In the worst case, the entire IT infrastructure (including data center, subnets, VPN access, mail servers and web applications) can be taken offline by DDoS attacks. The resulting downtime damages a company's reputation, as well as business and IT resources. Attack costs are increasing globally.

But thanks to Link11's Cloud Security Platform, the attack on the accounting company never got that far. The protection solution via BGP (border gateway protocol) for all the enterprise's networks was deployed within a very short time. The suspicious traffic was redirected via the Link11 filter cluster, where it was analyzed. The filtered data packets were then forwarded to the corporate infrastructure through a tunnel connection. At that point, the accounting customer was free to decide whether to reroute all traffic or only parts of it.

Global reach

Leveraging a global interconnection and colocation platform that delivers a consistent user experience speeds and simplifies expanding into new markets.

Results

Easy and direct access to customers and partners
Private, low-latency interconnection, proximate to dense ecosystems of enterprises and service providers, promotes greater business growth.

Fast market expansion
Access to a consistent, global colocation footprint speeds expansion into different geographic markets.

Network and internet scalability
High-speed, low-latency private interconnection enables access to greater network and internet capacity.

Greater data protection and compliance
Secure, local data scrubbing and transfer ensures data privacy and protection compliance for customers, especially in markets such as government and financial services.

Proximate interconnection

Placing private connections close to customers and NSPs, ISPs and CSPs lowers latency and expands network and internet capacity to fight off larger, more complex and sustained attacks. Direct and secure local connections also ensure data protection and privacy compliance.
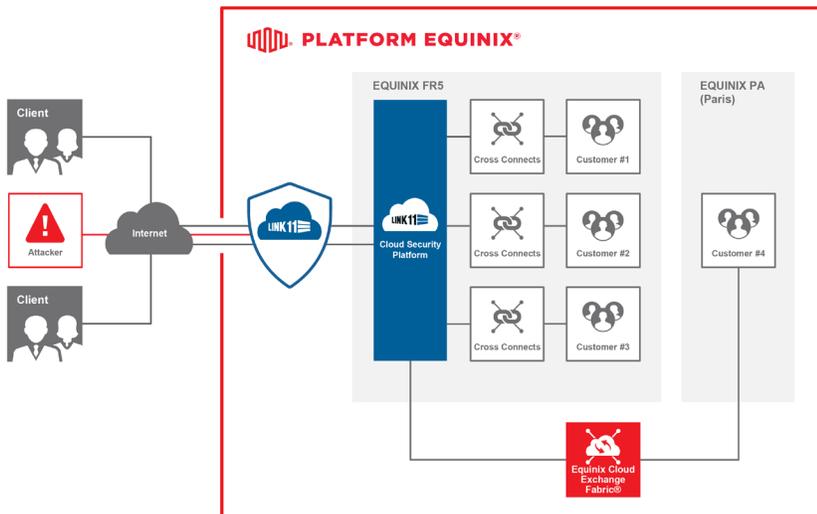
Dense ecosystems

Global access to interconnected ecosystems of enterprises and NSPs, ISPs and CSPs opens up new growth opportunities.

Link11 Infrastructure Protection Engine

Solution components

Equinix Cross Connects provide Link11 with fast, reliable, low-latency point-to-point connection with customers, business partners and service providers on Platform Equinix.

Equinix Internet Exchange™ enables Link11 to harness the greatest number of ISPs across the largest global IP peering solution in more than 30 markets.

Equinix Cloud Exchange Fabric allows Link11 to leverage more agile, scalable and cost-effective software-defined interconnection to connect more customers and partners to its Cloud Security Platform.

Contact us

Equinix.com/Contact-Us

Power Your Digital Leadership at Equinix

On Platform Equinix®, digital leaders bring together all the right places, partners and possibilities to create the foundational infrastructure they need to succeed. On a single global platform, place infrastructure wherever you need it. Connect to everything you need to succeed. Seize opportunity with agility, speed and confidence.