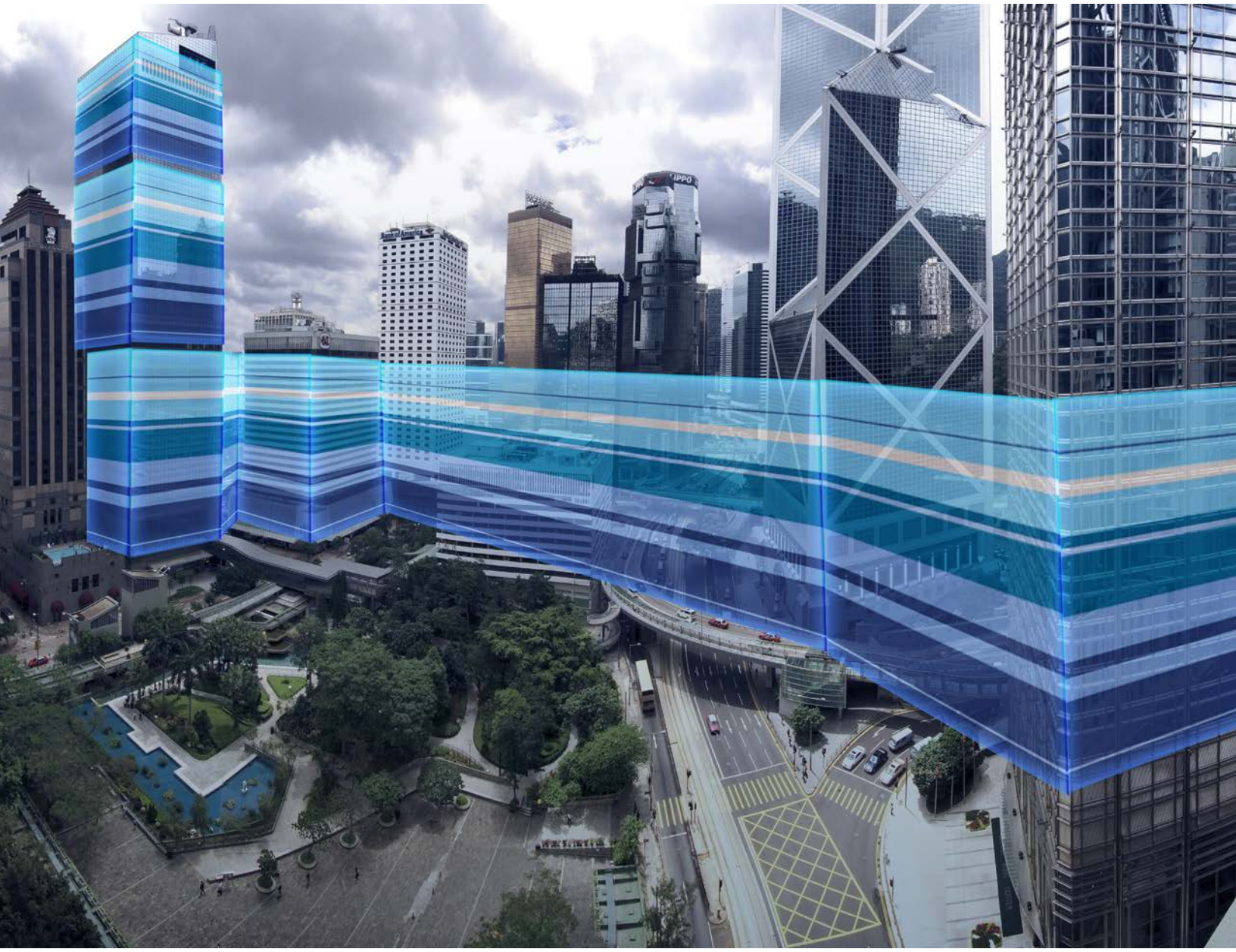
Level 3 COMMUNICATIONS

Connecting and Protecting
the Networked World℠



THE BREACH

LEVEL 3 HELPS DETER A HOLIDAY SEASON DDOS ATTACK

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DURING THE HOLIDAY SEASON

An email from an anonymous source threatened one of our clients. The email demanded an undisclosed amount of money from the company in return for protection from a DDoS attack. If left unchecked, the threat had the potential to take the company offline, costing them a substantial revenue loss. When the company's IT team could not mitigate the attack, they called Level 3 to take control of the situation.

AT THIS POINT THE COMPANY HAD A CHOICE TO MAKE

Should it rely on its own security or pay the hackers? Many companies choose to pay the hackers. To no avail.

Level 3 stepped in and was able to stop the attack without taking the company offline. First, it initiated counter-measures to stop bad traffic from passing through. Once the counter-measures were in place, the Level 3 Security Operations Center (SOC) used its proprietary threat analytics tools to analyze the customer traffic flow data. Threat analytics tools allowed the Level 3 SOC to fine tune counter measures by defining the attack type, and isolating the source and destination of the attack. The SOC team then monitored its customer's network for 24 hours to make sure the attack was completely over. Once the attack subsided, the Security Solutions Architect team helped deploy a permanent DDoS mitigation solution to divert contaminated traffic to scrubbing centers for cleansing.

DID YOU KNOW?

44%

OF RETAILERS EXPERIENCE OVER 50 CYBER ATTACKS EACH MONTH[1]

LEVEL 3 RESPONDED IMMEDIATELY TO THE ATTACK

Companies in similar situations can accrue significant revenue loss if they are unable to remediate these types of attacks in time.

In today's sophisticated threat environment, retailers need a multi-layered global defense strategy against a variety of DDoS attacks to ensure application availability, website uptime, and infrastructure accessibility. With Level 3, your business does not have to face security threats alone. Our global Security Operations Centers work around the clock to monitor and mitigate any potential threats your business may face year round.

DID YOU KNOW?
LEVEL 3 MITIGATES ROUGHLY

120

DDOS ATTACKS EACH DAY

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USING ATTACK TRAFFIC VISIBILITY

We work to ensure the security and integrity of our network, so you can be prepared for the most advanced DDoS attack.

The company was able to respond to the attack quickly without compromising its mission critical systems or data. Level 3 preserved its customers' security, all while maintaining revenue and uptime.

Level 3 responded immediately, saving the company from devastating data and revenue loss during the critical holiday shopping season.

DID YOU KNOW?
THE AVERAGE RETAIL DWELL TIME IS

197 days[2]

We help safeguard networks, systems and data. And we can do it for you.

Contact your Level 3 sales representative to learn more about our comprehensive product and security solutions portfolio.

THE LEVEL 3 GLOBAL SECURITY OPERATIONS CENTER (SOC) MONITORS AND TRACKS:

~1000
Command and Control Servers

1+ MILLION
Malicious Packets Per Day

1.3 BILLION
Security Events Per Day

Tracking Nearly
3 MILLION
Compromised Computers Each Day

ABOUT LEVEL 3

We operate and take end-to-end responsibility for network solutions that connect you to the world. We put customers first and take ownership of reliability and security across our broad portfolio.

1.877.4LEVEL3
INFO@LEVEL3.COM
LEVEL3.COM

[1] Infosecurity Magazine, "Retailers Take 197 Days to Discover Advanced Attacks," 2015
[2] Infosecurity Magazine, "Retailers Take 197 Days to Discover Advanced Attacks," 2015

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