GLOBAL THREAT INTELLIGENCE REPORT

NTT Security

With visibility into 40% of the world's internet traffic, NTT Security combines analysis of over 6.1 trillion logs and 150 million attacks for the Global Threat Intelligence Report.

The report highlights the evolving global threat landscape, with this year's most notable findings being the increased number of attacks on the finance sector and a dramatic increase in ransomware detection.

VERTICAL MARKETS IN THE FIRING LINE

The finance industry has been cybercrime's biggest victim:

14% TO 26%

The number of attacks on the sector has nearly doubled over the previous year, rising to 26% from 14%.

Service-Specific Attacks – **23%**
Web Application Attacks – **19%**
Application-Specific Attacks – **17%**

Attacks against finance were characterized by service-specific attacks (23%), web application attacks (19%), and application-specific attacks (17%).

25% INCREASE

With 19% of global attacks in 2017, technology was the second most attacked sector, and saw a 25% increase in attack volume.

TOP FIVE ATTACKED INDUSTRY
3rd Place
NEW

Business and professional services is a new member of the top five attacked industry sectors, ranking third with 10% of attacks.

RANSOMWARE INCREASES AND TURNS DESTRUCTIVE

350% INCREASE

Ransomware detection increased by a staggering 350%, accounting for 7% of global malware in 2017 (from just 1% in 2016).

The gaming sector, primarily gambling and associated businesses, was the sector most targeted by ransomware during 2017.

#1 26%

Ransomware aside, spyware and keyloggers ranked first in global malware at 26%, indicating attackers' desire for a long-term presence.

#2 25% **#3 23%**

Trojan/droppers ranked second (at 25%) followed by virus/worms (23%).

ATTACKERS CONTINUE TO USE REGIONAL SOURCES TO ATTACK

As an attack source country, the U.S. ranked first or second for EMEA, APAC and the Americas, with the likelihood of U.S. resources being used by outside attackers.

China ranked first for attacks against EMEA, and second or third for the remaining regions.

TOP 5

The Netherlands ranked in the top five attack source countries globally and in the Americas, APAC and Japan.

TOP 5

The Russian Federation made the top five attack source countries only against the Americas.

BUSINESSES FACE AN UPHILL BATTLE

NTT Security recommends the following steps:

Key Processes

Make security a part of key processes for business enablement and risk assessment.

Layered Defenses

Implement layered defenses, including multi-factor authentication, to make it more difficult for attackers to breach an organization.

Endpoint Hygiene

Enforce good endpoint hygiene, including responsible computing usage and end-user training to help reduce the chances of users executing hostile environments.

Current Attack Techniques

Make the best use of data feeds and intelligence sources to keep up with current attack techniques, exploits, and campaigns.

Use Intelligence Services

Use threat intelligence services to help prioritize security resources in an effective manner, and potentially mitigate threats *before* they impact the organization.

Develop Incident Response Plan

Develop and regularly review plans for incident response and disaster recovery.

The report and details of the research methodology can be downloaded at:
www.nttsecurity.com/gtir