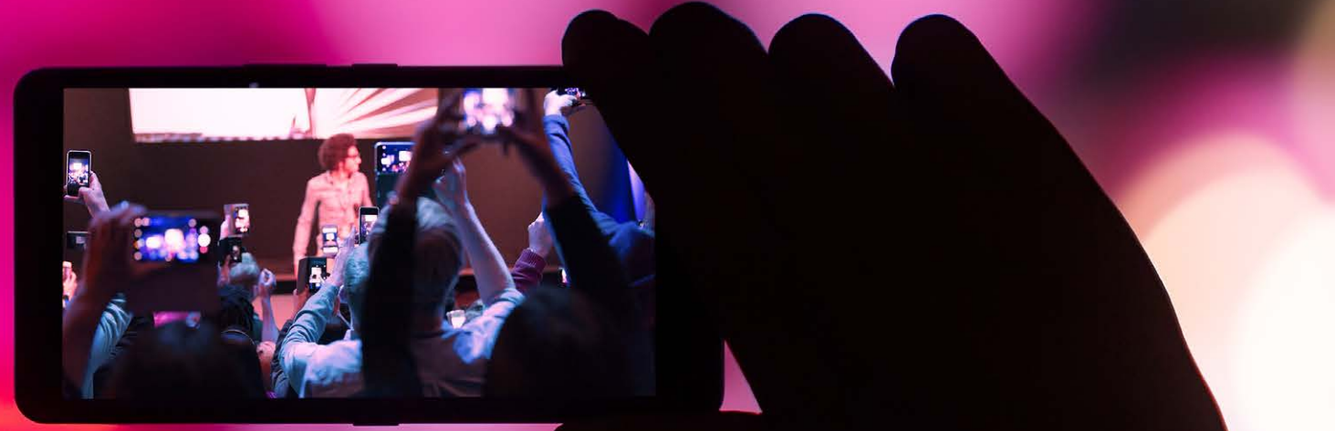
Insights from our experts

12 cybersecurity quotes from 2019



NTT’s experts are in high demand from the media for their knowledge and insight

Addressing a broad range of cybersecurity subjects

We reveal 12 top quotes from our experts in 2019

Together we do great things

Quotes index

Click a number
to learn more

01

Matt Gyde
CEO, Security

Engage the security function to become the ‘yes’ team

“

Your strategy will underpin and dictate the success of your cyber defenses.

Security has to become the ‘yes’ team: involve security in the planning and development process as early as possible, and transform their reputation.

Strategy

02

Mihoko Matsubara
Chief Cybersecurity Strategist

Create stories for business leaders with images and numbers

“

Board members are not necessarily cybersecurity- or IT-savvy people. We really need to break down what kind of opportunities and challenges they face.

That’s why our risk-based management approach is helpful: by using images and numbers to create stories, and adopting a simple cybersecurity framework as a common language for smooth communications.

CEO fraud

03

Kai Grunwitz
Senior Vice President EMEA

Leadership awareness is fast becoming vital

Business email compromise, or CEO fraud, has led to losses estimated at **$12 billion** since 2013. Our simulated attacks on behalf of clients in EMEA show that **53%** fell for spear-phishing attacks, 17% for social engineering via telephone calls and similar, 12% for fake access points and 8% for shoulder surfing. We were able to access critical data including confidential business plans, M&A documents, usernames and passwords, in as little as **10 minutes**.

These results are all the more concerning given the bad guys are getting better at making their scams look authentic. A new, more sinister world of 'deepfake' content designed to socially engineer victims, lies just around the corner.

04

Susan Carter
Senior Manager, Threat Intelligence and Incident Response Services

Richard Thurston
Global Market Insights Manager

Ransomware threats escalate and excuses abound

"

Ransomware operator GandCrab claims to have generated more than **$2 billion** in ransom payments. This is astounding on many fronts… after wreaking havoc on loads of organizations.

Don't think ransomware will go away. There will be a new bigger, better scam coming down the pipe.

"

The willingness to pay a ransom is both worrying and shocking. Aside from the blatant disregard of good cybersecurity practice, payment to a cybercriminal guarantees nothing.

36% of businesses would rather pay a ransom to a hacker than get a fine for failing to comply with regulations

NTT 2019 Risk:Value Report

Back to quotes index

05

John South
Senior Director, Global Threat Intelligence Center

Coin mining is overwhelming IT resources

Coin mining was observed as one of the most prevalent threats this year. At times, this activity accounted for more detections than all other malware combined.

What is interesting about coin mining, or cryptocurrency mining, is that it is not necessarily an illegal activity. Where coin mining is illicit, it is often a silent threat to enterprise resources.

In our 2019 Global Threat Intelligence Report, technology and education sectors were the largest targeted sectors (**46%** and **40%** of observations respectively).

Both sectors are large repositories of computing equipment which is needed to create an effective coin mining operation.

Back to quotes index

06

Kai Grunwitz
Senior Vice President EMEA

Germany

Despite its record for business leadership and innovation, **Germany is faltering on cybersecurity**...

Germany falters on cybersecurity leadership

Organizations in Germany have shown a clear intent to address cyber risk, but they need to move faster. The fact that only 3% think they are sufficiently prepared to respond to a cyberattack means there is a clear call to action.

+2 to 0

In 2019, Germany's score for cybersecurity best practice fell two points from **+2** to **0**

NTT 2019 Risk:Value Index

3%

Regarding incident response, just **3%** of businesses in Germany are sufficiently prepared for a cyberattack

NTT 2019 ISW survey

Back to quotes index

07

Garry Sidaway
Market Strategy

Intelligence in context trumps volume

Too often, organizations are drowning under the weight of unactionable security data: technologies aren't configured correctly or are simply too complex to manage effectively.

Focus should be on the quality of this data and the reduction in false positives.

Configuring, tuning, and managing the security technology either directly or through a trusted partner is a basic requirement that many organizations are failing to master.

Back to quotes index

08

Azeem Aleem
Vice President, Consulting

Practical steps to attain the Holy Grail of actionable intelligence

Big-name brands continue to suffer the consequences of inadequate threat intelligence.

To become relevant and actionable, intelligence must be customized.

01

Firstly, understand the mission, scope, and authority needed to mitigate risk.

02

Define the visibility required to achieve mission readiness and build enablement for detection.

03

Identify your crown jewels via a risk analysis.

04

Then it's about filtering out the noise.

Back to quotes index

09

Yann Le Moënner
CEO, Amaury Sport Organisation

Jason Goodall
CEO, NTT Ltd.

Smart data revolutionizes sport

> The data linked to the Tour de France goes everywhere in the world, instantly. We need robust technology and expertise to manage the security of the data without this affecting the viewing experience of the race.

> As Dimension Data, we increased the appeal of the Tour de France and brought its supporters closer to the action and their favorite cyclists. As NTT, we now enter a new and exciting era of innovation. We're thrilled to continue working with A.S.O. on the biggest cycling stage in the world to engage millions of fans with this compelling story of innovation.

A.S.O. Amaury Sport Organisation

NTT is Official Technology partner of Amaury Sport Organisation, the organizer of the Tour de France.

Back to quotes index

10

René Bader
Lead Consultant

Developers often have security skills but face a time crisis

“

What I see from different events and training that we do regularly for developers, is that there is somehow a specific security skillset or knowledge already available with the developers.

But in most cases, they cannot use this in their projects because of business limitations: they have to provide a piece of software in a very short timeframe… so in most cases, the software becomes unsecure.

Back to quotes index

11

Joseph Feiman
Chief Strategy Officer
WhiteHat Security

Integrate security before it's too late

Speed to market has been everything in the software development world. But over time we've discovered that speed alone cannot remain the be all and end all. The majority of data breaches have to do with web application security vulnerabilities, so security must become part of the software development equation.

The problem is that most organizations approach security at the end of the software development lifecycle, when it's often too late or too complicated to fix vulnerabilities. To be effective, security must be embedded throughout each stage of the entire software development lifecycle.

Back to quotes index

12

Setu Kulkarni
VP, Strategy and Business Development
WhiteHat Security

A phased approach to DevSecOps will help thwart hackers

“

Hackers have it easy. With increasing windows of exposure, prevalence of common critical vulnerabilities, longer time-to-fix and poor remediation strategies, hackers take the path of least resistance to embed deep and wide exploits.

Our latest AppSec research reveals that a phased approach to DevSecOps results in improved application security and reduced risks, costs, and complexity – all while accelerating application delivery and resilience.

Back to quotes index

Further reading

To learn more from our experts, visit the website Insights page

About NTT Ltd.

NTT Ltd. is a leading global technology services company bringing together 28 brands including NTT Communications, Dimension Data, and NTT Security. We partner with organizations around the world to shape and achieve outcomes through intelligent technology solutions. For us, intelligent means data driven, connected, digital, and secure. As a global ICT provider, we employ more than 40,000 people in a diverse and dynamic workplace that spans 57 countries and regions, trades in 73 countries and regions, and delivers services in over 200 countries and regions. Together we enable the connected future.

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