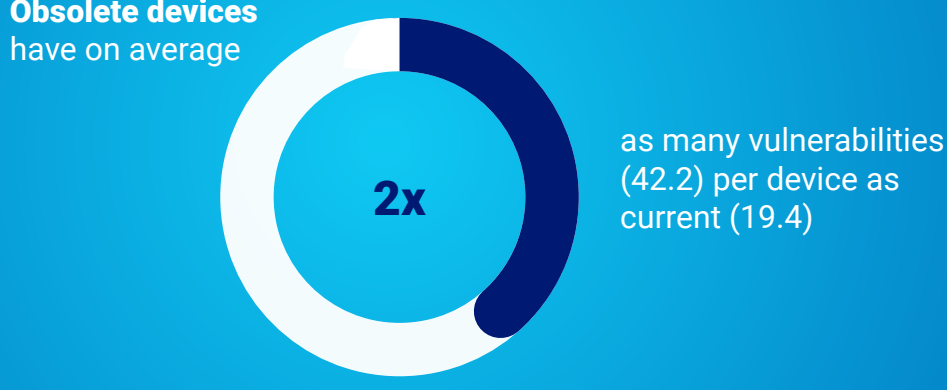




2020 Global Network Insights Report

Security threats and vulnerabilities

Cybersecurity risks are increasing as a result of the number of ageing or obsolete devices on the network – more than tripling in the last two years



Businesses are neglecting to patch devices due to time and possible service interruptions, but consequences of cybersecurity issues could be far greater

Many businesses don't know **how exposed their networks are...**

3 Key findings uncovered in the Report

01 ✓

Increasing vulnerabilities

Number of security vulnerabilities per device category has seen year-on-year **increases of between 12.5% and 44.0% since 2016**

02 ✓

Increasing threats

As options around network infrastructure features expand, so too does demand – meaning more 3rd party software packages and a **surge in common software vulnerabilities**

03 ✓

Increasing gaps

Organizations are **not patching** network device operating systems/firmware, meaning some critical software fixes are not applied

Why are businesses not patching?

1

operational impact

It's an issue of **time** and the potential of **service interruptions...**

...rather than cost

2

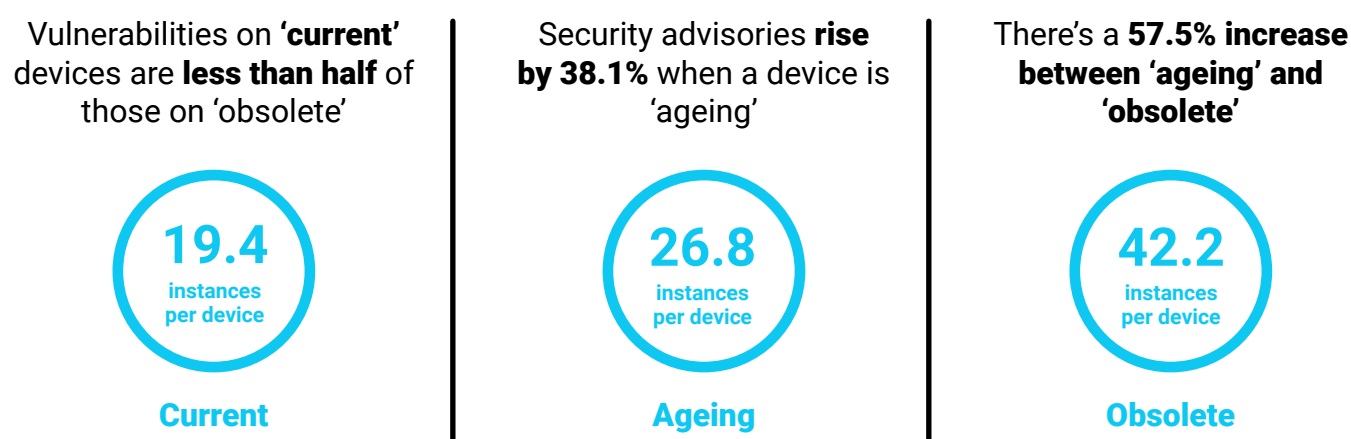
policy management

Very few businesses have **clear patch management policies...**

...even those that do often fail to apply the policy consistently

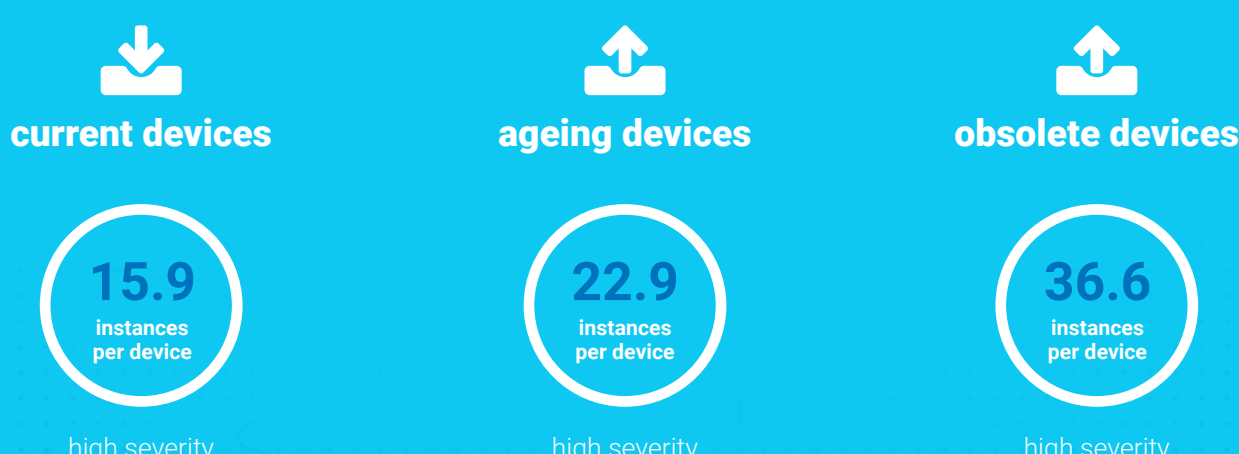
Many vendors are reverting to issuing **less-disruptive upgrade mechanisms...** to **minimize service interruptions** and encourage operators to perform more frequent updates

Vulnerabilities influenced by a device's lifecycle status



Security (and high severity) advisories continue to rise everywhere; the retail sector being most impacted

The pattern for high-severity instances affected by a device's lifecycle status is much the same...



How to reduce your risk



- A formal, documented **security policy** is imperative.
- Enforce strong **password usage** and centralize device authentication and management.
- Where possible, apply the **latest software versions**.

- Identify critical versus non-critical data and applications and invest in areas that will have the **biggest impact on their security**.
- Ensure you have appropriate **detection and response mechanisms** in place.

Your network is the platform for your digital transformation

A ubiquitous, flexible, robust and secure network lets you adapt easily to business change, while increasing the maturity of your support environment.

Uncover more data-driven insights and find out how **NTT** can help you to gauge and address associated risks.

[Speak to our experts](#)

Our consultants will help you make the right infrastructure decisions to support your transformation journey. Find out more about our Infrastructure Consulting Services.

Join the conversation



Get the 2020 Network Insights Report [here](#)