



# 2020 Global Network Insights Report

Enable an agile business through proactive network support

## Businesses were already facing an increased cybersecurity risk from a surge in ageing and obsolete network devices



Almost half (47.9%) of assets are now ageing or obsolete

...a tripling in just two years

### The challenge has grown...

## Networking insights for business unusual

Organizations are dealing with the pandemic crisis in three phases:

Short-term	Medium-term	Longer-term
<b>Rapid response</b> Many employees working from home <b>Network requirements:</b> <ul style="list-style-type: none"> <li>delivery of primary connectivity</li> <li>provision of equipment</li> <li>deployment of productivity tools</li> <li>implementation of security measures</li> </ul>	<b>Bounce back</b> Resuming operations albeit differently <b>Network requirements:</b> <ul style="list-style-type: none"> <li>gaining visibility and control</li> <li>performance optimization</li> <li>implementation of automation</li> <li>cost optimization</li> </ul>	<b>The new normal</b> Embedding resilience into operations <b>Network requirements:</b> <ul style="list-style-type: none"> <li>enabled secure, smart workspaces</li> <li>AI/ML supported operations</li> <li>cloud-enabled networking</li> <li>flexible commercial models</li> </ul>
<b>Resolve</b>	<b>Return</b>	<b>Reimagine</b>

## Businesses are neglecting to refresh, rearchitect and ensure optimum on-premises connectivity when moving to cloud

Explore our **4** key data-driven insights uncovered in the Report

Develop the foundation to help you **recover the now** and **reimagine the future**

<b>1</b> <b>Refresh cycles are slowing; the last two years highlight a global trend towards sweating assets</b> In 2019, almost half of businesses' network infrastructure assets were ageing or obsolete <b>47.9%</b> compared to <b>13.1%</b> in 2017 <b>Increased cybersecurity risk from ageing and obsolete devices on the network</b>	<b>2</b> <b>Security advisories continue to rise everywhere</b> <b>19.4</b> Vulnerabilities on 'current' devices are less than half of those on 'obsolete' <b>26.8</b> Security advisories rise by 38.1% when a device is 'ageing' <b>42.2</b> There's a 57.5% increase between 'ageing' and 'obsolete' <b>Vulnerabilities are directly influenced by a device's lifecycle status</b>
<b>3</b> <b>Rise in adoption of next-generation strategic technologies</b> such as ubiquitous wireless, IPv6 and software-defined WAN (SD-WAN) <b>Align business and IT strategy to realize the value of technology investments</b>	<b>4</b> <b>Proactively supported environments proven to drive business availability</b> <b>55.5%</b> business availability increase in proactive supported environments <b>10.5 percentage point</b> decrease in critical outages through the usage of automation and machine learning <b>Over half (52%) of businesses are looking at 'smart sourcing' their enterprise network within the next 18 months*</b> <small>*Source: IDG Research for NTT Ltd on managed services</small>

## Your network is the platform for your digital transformation

It needs to be:

<b>Ubiquitous</b>	<b>Flexible</b>	<b>Robust</b>
<b>Secure</b>	<b>Able to adapt easily to business change</b>	<b>Increase the maturity of your operational support environment</b>

### 5 steps to success

<b>1</b> <b>Explicitly call out the network</b> in your business-aligned IT strategy	<b>2</b> <b>Reimagine your network</b> to underpin the business objectives in the age of cloud	<b>3</b> <b>Balance on- and off-premises investments</b> to reduce risk when moving to hybrid infrastructures	<b>4</b> <b>Robust management</b> delivers increased returns for infrastructure investments	<b>5</b> <b>Automation is the foundation</b> to remaining agile as you reimagine future operations
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## How our practical approach helps unleash the potential of your network today

<b>1</b> <b>Gain visibility and control</b>	<b>2</b> <b>Implement strategic solutions</b>	<b>3</b> <b>Innovate and automate</b>
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We show you what's going on in your environment, and sort out any immediate problems we find in your network and security posture.

We engage in more strategic advisory exercises, and realize strategic solutions across your end-to-end infrastructure that support the execution of business objectives.

This enables you to leverage your infrastructure as a key innovation enabler to in realize business value, automate extensively, and use analytics to refine processes and develop new services.

### About the Report

#### Data sources

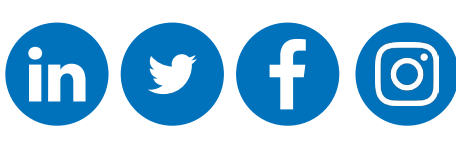
<b>Assessment data:</b> <b>1,065</b> Infrastructure Insights and Analysis Assessments <b>808,428</b> network devices <b>5</b> regions <b>13</b> industry sectors	<b>Services data:</b> <b>200,000+</b> incidents <b>3,000,000</b> assets in 2019 <b>17,000,000</b> assets over last 5 years
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### 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](#)