

# BUILDING NEXT-GEN NETWORK SECURITY FOR THE DIGITAL-FIRST WORLD



## THE IT LANDSCAPE IS CHANGING RAPIDLY



### Users working from everywhere (BYOD)

By the end of 2023, 40% of organizations will have applied anywhere operations<sup>1</sup>



### Server, IoT, OT traffic growing exponentially

50% of all connected devices by 2023<sup>2</sup>



### The cloud is the new destination

In 2021, 67% of all enterprise infrastructure was cloud-based<sup>3</sup>



### The internet is the new connectivity layer

2.8x growth in avg internet traffic (2017 – 2021)<sup>4</sup>

Business is taking place off an enterprise's trusted network and outside their security perimeter

## TODAY'S IT ENVIRONMENT POSES GREATER RISKS<sup>5</sup>

WITH THREATS ORIGINATING FROM VARIOUS DIMENSIONS

### More remote users, devices and data

mean more targets for cyber attacks

## 3X

Increase in the number of endpoints by 2023

### Rapid multi-cloud deployments

are accelerating faster than digital enterprises' security

## 43%

Struggle to deliver consistent security across data centers and the cloud

### Advanced cybercriminals

are taking advantage of world events and advanced technology

## 68.9%

increase in phishing attacks leaders are experiencing since the coronavirus outbreak

## THE NETWORK, AN ORGANISATION'S FIRST LINE OF DEFENSE

IS UNDER ATTACK LIKE NEVER BEFORE

In 2021, there was a **50% jump in cyberattacks** on corporate networks compared to 2020<sup>6</sup>

More than **5.4 million DDoS attacks** were reported in the first half of 2021<sup>8</sup>

The average cost of a DDoS attack is around **US\$ 218K**<sup>10</sup>  
The average cost of a data breach in 2021 was **US\$ 4.24 million**<sup>11</sup>

It is expected there will be a new attack on a consumer or business **every two seconds by 2031**<sup>7</sup>

Global cyber intrusion activity **jumped 125%** in the first half of 2021<sup>9</sup>

## A MULTI-LAYERED APPROACH IS REQUIRED

TO SECURE EACH LAYER OF THE NETWORK



### SECURE ACCESS FOR NETWORKS AND USERS

[Learn more](#)



### SECURE WEB PROPERTIES AND APPLICATIONS WHILE PROVIDING A FRICTIONLESS EXPERIENCE

[Learn more](#)

## TATA COMMUNICATIONS CAN HELP

**One-stop-shop-secure** your organisation's internet enabled business online, round the clock

**Proven security frameworks** - plus tools with highly secure internet and private network access provide ultimate reliability

**24/7 managed services support** - 300+ skilled and certified professionals in line with ITIL practices and backed by an industry SLA are on your side



**Bundled solutions** - quick, easy deployment enables faster reactions to potential threats, and get solutions up and running

**An integrated service** - from sales through to service assurance and billing every touch point is covered

[Click here to learn more about our Internet with DDoS offering](#)

### References

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6. Businesses Suffered 50% More Cyberattack Attempts per Week in 2021 (darkreading.com)
7. Global Ransomware Damage Costs Predicted To Exceed \$265 Billion By 2031 (cybersecurityventures.com)
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