



ZERO TRUST

A TRANSFORMATIONAL SECURITY PHILOSOPHY FOR
THE MODERN ENTERPRISE

63% of large enterprises support a hybrid working model to leverage the benefits of remote working and so improve the employee experience. Organizations reap enormous business advantages by enabling remote workers to access business applications and data, wherever they may be. This change in working practices is only one element of enterprise digital transformation, with cloud now business as usual and IT/OT convergence commonplace.

Today's organizations need an efficient and reliable security approach that adapts to the complexity of the modern enterprise. Zero Trust is an exemplar model and a proactive approach to secure everything – humans, devices, workloads, endpoints, apps, infrastructure, data, and network. Zero Trust aims to verify each access request explicitly; authenticating, authorizing, and encrypting all communications.

ZERO TRUST –
**A SECURITY
PHILOSOPHY,
NOT A PRODUCT
YOU CAN
“BUY IN A BOX”.**

COMPELLING **BUSINESS BENEFITS,** YOU'LL REAP

We offer recommendations and a roadmap to move forwards the implementation of the **ZERO TRUST PHILOSOPHY IN YOUR ORGANIZATION**. Capgemini's Zero Trust assessment service delivers unique business value, including:

- **OPPORTUNITIES FOR REDUCTION OF OPERATIONAL OVERHEAD** through a comprehensive and consistent approach to security.
- **ALIGNMENT WITH BUSINESS AND ITS STRATEGY** that supports collaborative working, cloud services adoption, and resilient business services.
- **GAIN A DIFFERENT PERSPECTIVE** by viewing the current security architecture through a Zero Trust lens.
- **A MODERN APPROACH** to secure data and services irrespective of their location or whether being accessed by humans, workloads, or devices.
- **DYNAMIC, CONTEXT-BASED, ACCESS CONTROLS** result in the drastic reduction of the attack surface.

THE CHALLENGES

WHY SHOULD BUSINESSES RECONSIDER THEIR SECURITY STRATEGY?

Traditional security models of a hard shell and a soft center have numerous limitations in the modern collaborative, cloud-based world. Once on the inside, in the soft center, the entire network may be exposed to an attacker making it far too easy for malware such as ransomware to spread throughout the environment. Meanwhile, organizations are facing 20+ incidents of insider attacks and the average cost of such an incident is \$15.38 million per year. Traditional models fail to offer a comprehensive defense against today's cyber threats.

While Zero Trust offers significant advantages over traditional perimeter-based controls, a lack of common understanding of the term "Zero Trust" can lead to multiple initiatives and conflicting expectations. At the same time, segmenting legacy networks can pose risks to availability, whilst fundamental changes to security operating models will not always be comfortable for the stakeholders involved.

**ASSUME BREACH, TRUST NOTHING,
MOVE YOUR CONTROLS CLOSER TO YOUR ASSETS**

CAPGEMINI'S SOLUTION

CAPGEMINI'S HOLISTIC, VENDOR-NEUTRAL APPROACH TO ZERO TRUST

We offer Zero Trust services by combining our deep technical expertise, end-to-end collaborative ways of working, and strong partnerships to provide you a simplified, streamlined, and cost-effective solution, tailored to meet your business needs.

Our Zero Trust services encapsulate maturity evaluation, advisory services on ZT strategy, architecture & design, implementation, roll-out, and managed services.



MATURITY EVALUATION

We assess the Zero Trust readiness of your organization in alignment with NIST/CISA standards and models. Our experts provide insights and concrete steps to achieve the level of Zero Trust maturity appropriate to your organization.



ADVISORY SERVICES

We advise on all the elements of Zero Trust, including deriving and then delivering the cultural and organizational change needed to drive its adoption.



ARCHITECTURE AND DESIGN SERVICES

We develop Zero Trust architectures to meet your in-scope use-cases and then assist you to identify best-fit technologies, deployment approaches and on-going management needs.



BUILD AND RUN SERVICES

We build, configure and integrate new technology solutions and operate these services from a multitude of secure locations across the globe.



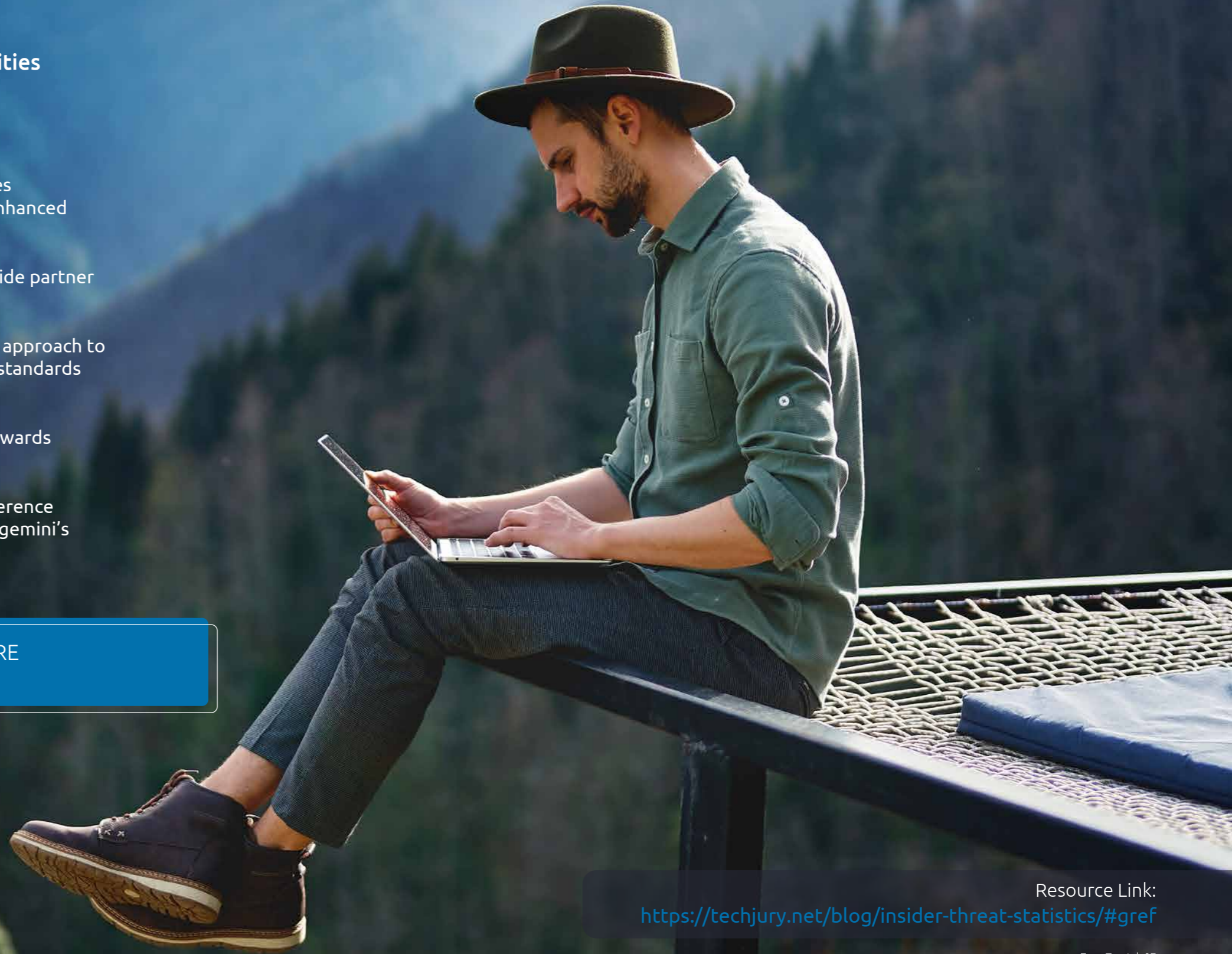
Our collaborative solution with Zscaler provides a simplified ZT approach and eliminates the need for cumbersome Virtual Private Networks and complex data center-hosted security technologies. **This simplification reduces the total cost of ownership** whilst helping to make security transparent to your users.

WHAT SETS **CAPGEMINI** APART?

Our ability to deliver comprehensive Zero Trust capabilities result in multiple advantages that truly set us apart. These include:

- 01 **Capgemini's pragmatic approach** to security that addresses long-standing issues with traditional security models and enhanced security through microsegmentation.
- 02 **A flexible client-centric solution** due to our access to a wide partner ecosystem.
- 03 **Adherence to industry standards:** Vendor/analyst-neutral approach to assessment and recommendations that align with industry standards (NIST/CISA).
- 04 **Transparent security for end users:** Supports the move towards passwordless authentication for end users
- 05 **Zero Trust accelerators:** The maturity model, in-house reference architecture, and proven technology stacks function as Capgemini's accelerators for Zero Trust adoption.

ZERO TRUST— A STRATEGIC APPROACH TO SECURE YOUR DATA AND SERVICES



Resource Link:
<https://techjury.net/blog/insider-threat-statistics/#gref>



About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of over 360,000 team members in more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2022 global revenues of €22 billion.

Get the Future You Want | www.capgemini.com

For further information please contact:
cybersecurity.in@capgemini.com