

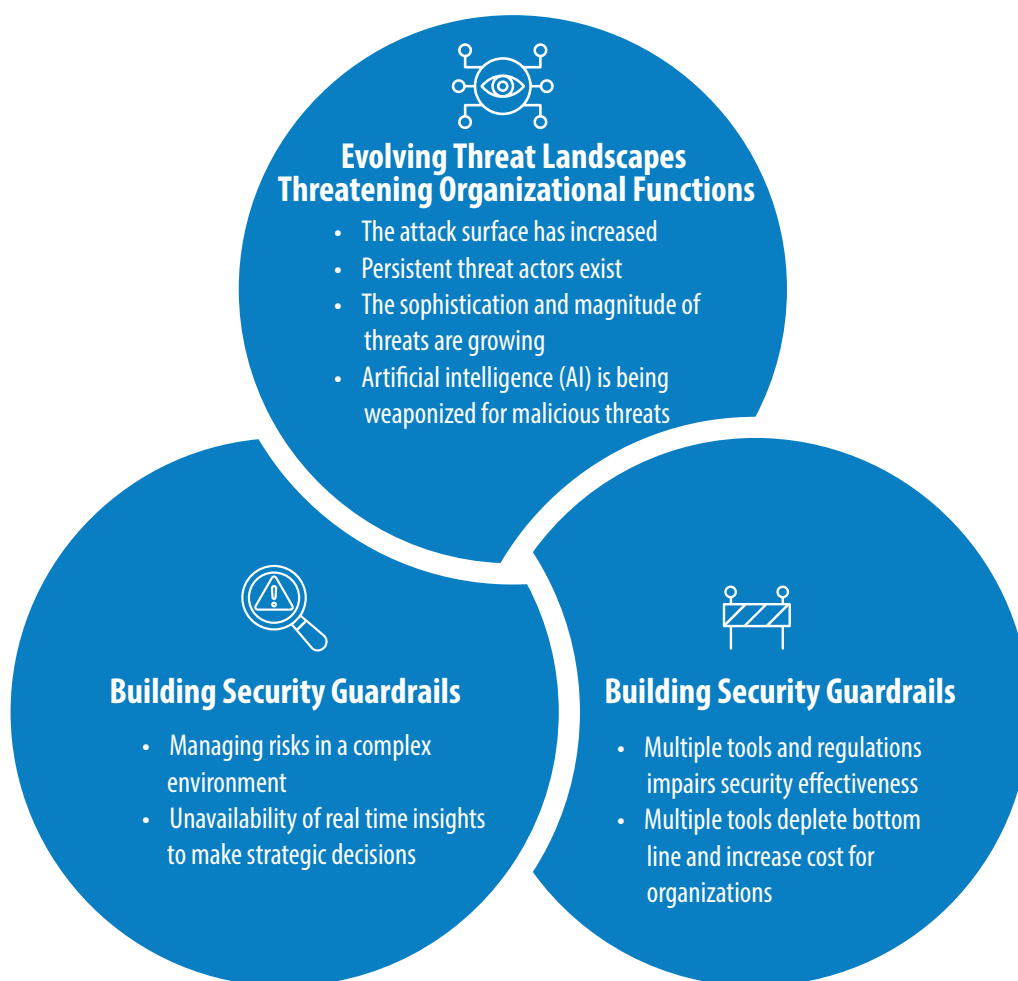
ENHANCING
CYBERSECURITY
POSTURE:
A COMPREHENSIVE
SOLUTION FOR A
DIGITAL AGE



Enterprises aspiring to attain digital transformation for greater efficiency and productivity are often challenged with the expanding threat landscape beyond traditional perimeters. Cloud, SaaS, and modernized business operations are rapidly driving technology and business transformation. Cyber risks in this journey of digital ambition are perceived as inhibitors and are often overlooked.

Moreover, the rise of cyber-attacks poses a critical threat to organizations, jeopardizing not only customer information but also the very foundation of their business. A breach can lead to devastating consequences, including reputational damage, financial losses, and erosion of customer trust, making it imperative for organizations to prioritize cybersecurity and develop robust strategies to protect their data and operations.

Cybersecurity challenges facing the industry today:



In today's rapidly evolving digital landscape, building a robust security posture and securing organizational data are critical for business success. Zscaler and Infosys have joined forces to provide comprehensive security solutions, powered by AI and built upon a Zero Trust foundation. These cutting-edge solutions deliver unparalleled visibility, real-time threat detection, and automated incident response, ensuring the integrity of your data and business operations. Powered by Zero Trust and AI, our cutting-edge solutions deliver unparalleled visibility, real-time threat detection, and automated incident response to ensure the integrity of your data and business operations.

Solutions Powered by AI and Zero Trust

Network Transformation

In today's digital landscape, network security is no longer just about perimeter defense. It's about adopting a Zero Trust model that assumes every user, device, and network is a potential threat. At Infosys, along with our solutions, we leverage Zscaler's Internet Access, Zscaler Private Access, Zscaler Digital eXperience Zscaler Zero trust SD_WAN to help with organizational transformation.

Our capabilities in Network Transformation with Zero Trust include:

Design and Implementation of Zero Trust Networks:

We help clients design and implement Zero Trust networks that are secure, scalable, and agile

Network Segmentation:

We segment networks to reduce the attack surface and prevent lateral movement

Micro-Segmentation:

We apply micro-segmentation to isolate specific applications, services, and workloads

Security Information and Event Management (SIEM) Integration:

We integrate SIEM systems to provide real-time visibility and incident response

Continuous Monitoring and Assessment:

We continuously monitor and assess network security to identify vulnerabilities and optimize defenses

Data Security

Data Security is a critical concern for organizations today. As organizations consume data voraciously, and often they store this on unsecure clouds. They are not only increasing their digital footprint, but also the risk of data breaches, cyber threats by malicious actors and unauthorized access grows. At Infosys, we help organizations protect their data through our expertise in data security management. We also help build secure guard rails by leveraging Zscaler's Data Protection Suite and multi-mode CASB capabilities in partnership with Zscaler.

Our capabilities in Data Security include:

Data Discovery and Classification:

We help clients classify and label sensitive data to ensure visibility and compliance.

Access Control and Authorization:

We implement access control and authorization mechanisms to restrict access to sensitive data

Data Encryption:

We provide data encryption solutions to protect data in transit and at rest

Data Loss Prevention (DLP) Solutions:

We implement DLP solutions to detect and prevent unauthorized data exfiltration

Compliance Management:

We help clients manage compliance with data privacy regulations such as GDPR, CCPA, and HIPAA



Operational Technology Security (OT)

Operational Technology (OT) systems are critical to the functioning of industrial processes, power grids, and other critical infrastructure. However, these systems are often vulnerable to cyber threats. At Infosys, we help organizations protect their OT systems through our expertise in OT security. Infosys also leverages Zscaler products for IoT/OT, supported by branch connectors for developing robust security posture.

Our capabilities in OT Security include:

OT Security Assessment & Advisory

We conduct comprehensive OT security assessments to identify vulnerabilities and provide actionable recommendations and develop customized security strategies and roadmaps to ensure compliance with industry regulations

Compliance and Regulatory Management

We ensure compliance with relevant regulations, such as NERC, NIST and develop and implement compliance frameworks to mitigate risks and maintain regulatory compliance

Zero Trust Aligned OT Security Services

We implement Zero Trust principles to secure OT networks and devices and provide secure access control and authentication for OT systems and devices

Vulnerability Management

We identify and prioritize vulnerabilities in OT systems and devices and develop and implement vulnerability remediation plans to mitigate risks

Cloud Security

Cloud computing has revolutionized the way organizations operate, but it has also introduced new security risks. At Infosys, we help organizations protect their cloud-based assets through our expertise in cloud security. For holistic protection of sensitive data from core to cloud, Infosys leverages Zscaler for Workloads with Zscaler Internet Access and Zscaler Private Access, Data Protection and Cloud Connectors.

Our capabilities in Cloud Security include:

Cloud Security Assessment and Compliance

We assess cloud security posture and ensure compliance with regulatory requirements.

Cloud Infrastructure Security

We secure cloud infrastructure by configuring security settings, implementing firewalls, and monitoring logs.

Cloud Workload Security

We secure cloud workloads by implementing security policies, monitoring for suspicious activity, and responding to incidents.

Cloud Identity and Access Management (IAM)

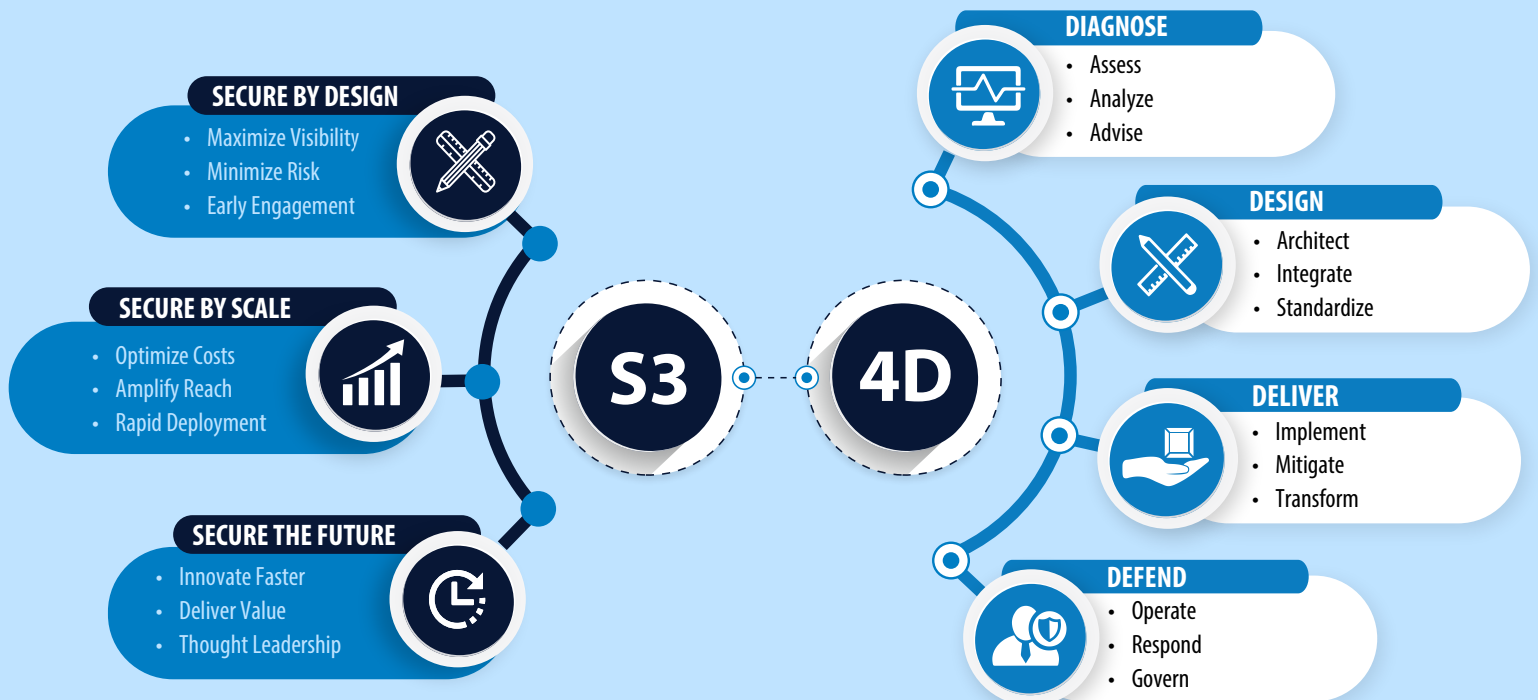
We implement IAM solutions to manage access to cloud resources and ensure least privilege access.

Cloud Incident Response

We provide incident response services to respond to cloud security incidents quickly and effectively.

By leveraging these capabilities, we help organizations transform their networks, protect their data privacy, secure their OT systems, and safeguard their cloud-based assets.

Infosys creates bench marks and amplifies its clients' security posture with its signature S34D framework.



Case studies section

Network transformation

A European utility company faced challenges with on-premises proxy management for remote workers. Infosys deployed Zscaler's SASE solution, comprising ZIA and ZPA, to centralize management, detect threats, and establish security policies. The ZPA component enabled secure cloud-based access for remote users. This implementation successfully migrated over 15,000 applications and 40,000 users. The SASE solution enhanced security, user experience, and network efficiency.

Infosys helped a leading financial institution undergo a digital transformation, reducing certificate outage risk and saving \$1.5 million. They automated certificate renewal for 500 applications using Vena, streamlining management with standardized processes, automated mapping, and application-based policies. This resulted in 1500 auto-renewed certificates and improved tracking and visibility.

Data Security

Cloud security

Infosys secured a German auto giant's multi-cloud environment, fixing security gaps. Infosys assessed their cloud security, improved vulnerability management, threat detection, and asset discovery. Security logs were integrated for centralized monitoring. This reduced attack surfaces and strengthened their security posture.

Infosys strengthened the OT security of a major American packaged food company. They assessed the client's OT security posture using their own framework and best practices, identifying vulnerabilities in configurations, policies, and architecture. Remediation plans were implemented to improve cyber resilience, and new OT security sensors were deployed for centralized management. This reduced the attack surface, enabled 24/7 threat monitoring, and strengthened the overall OT security posture.

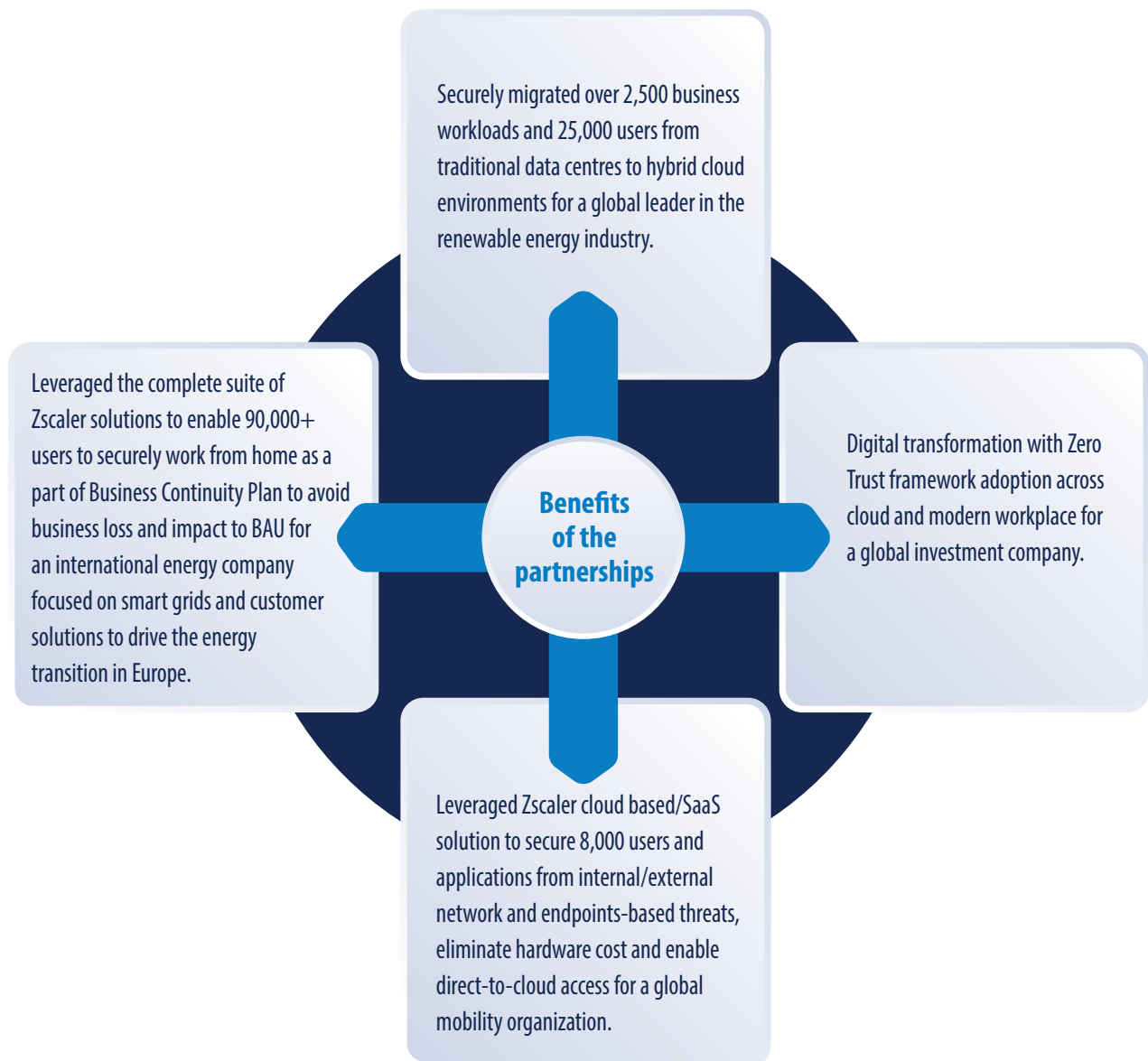
OT Security

About the partnership

Infosys and Zscaler have joined forces to provide a comprehensive security solution that helps organizations safeguard their data, improve employee productivity, and optimize costs. By leveraging responsible AI, their joint solution improves overall organizational security posture, ensuring businesses are always secured. This strategic partnership combines Infosys' expertise in cybersecurity consulting and managed services with Zscaler's cloud-based security platform, enabling organizations to adopt a Zero Trust approach to security, detect and respond to threats in real-time, and maintain compliance with industry regulations. The partnership aims to enhance security capabilities, improve threat detection, and reduce risk of cyber-attacks, ultimately helping customers to protect their critical business assets and data.

Benefits of the partnerships

We at Infosys believe partnerships are the way forward. Zscaler-Infosys Partnership has helped us in multiple ways. Below are a few testimonials to how we have achieved pinnacles of success with our collaborations.





To know more about CyberSecurity,
scan the QR code

For more information, contact askus@infosys.com



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