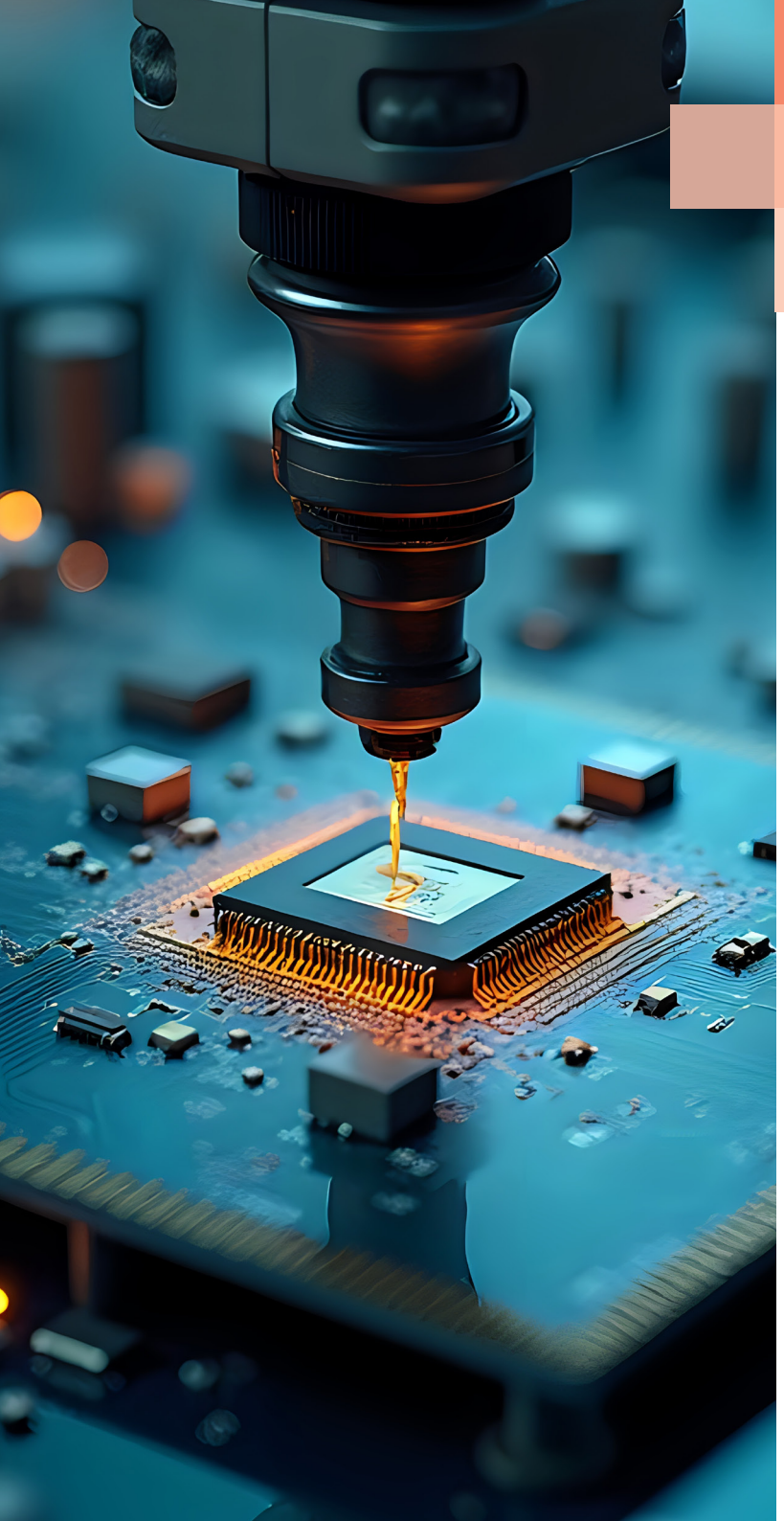

Technology

Protecting Innovation at Scale Through Unified Security for a Global Semiconductor Leader

A leading semiconductor manufacturer in high-growth markets such as automotive electrification and industrial automation, drives innovation in electric vehicles, charging infrastructure, smart grids, and more. With 15+ manufacturing sites, 40+ design centers, and reliance on extensive supply chain, its scale demanded resilience. However, their diverse and distributed environment resulted in fragmented tools, inconsistent controls, and immature processes, creating vulnerabilities and operational bottlenecks.

Infosys partnered with the client to modernize their security landscape by consolidating fragmented tools, deploying advanced solutions, and enforcing consistent policies aligned with industry best practices. This initiative strengthened security controls across multiple domains and built a robust foundation that reduces risk, enhances operational resilience, and safeguards the innovation driving their global semiconductor ecosystem.

Cyber Consulting & Advisory | Identity and Access Management | Cloud Security | Data Protection and Privacy | Governance, Risk and Compliance

Infrastructure Security | OT Security | Vulnerability Management | Threat Detection and Response | Managed Security Services

Key Transformation Highlights:

Threat Detection and Response

99.8% reduction in mean time to respond via automated incident response

14% reduction in false positives via 10+ playbooks, 40+ SOPs, and 4 threat-specific automation scripts

50% reduction in monthly security incidents by correcting faulty playbooks

Infrastructure Security

200+

firewalls upgraded, 10,000+ users and 50 remote sites migrated to a cloud-based Zero-Trust solution, securing remote access

Identity and Access Management

70

applications migrated to a cloud-based identity platform for centralized governance

Governance Risk and Compliance

120

third party vendors assessed via optimized and standardized processes, reducing lateral threat movement

Cloud Security

52% reduction in vulnerabilities via advanced monitoring across multi-cloud environments

94%

compliance achieved, up from **65%**, by eliminating excessive cloud privileges, decommissioning idle resources, and removing misconfigured virtual machines

Vulnerability Management

20,000

assets scanned via **Infosys Cyber Scan Platform**, identifying **860,000** previously undetected vulnerabilities

OT Security

6

critical sites uplifted with OT network segmentation eliminating IT-OT risk spillage