



Reimagining the modern infrastructure security organization

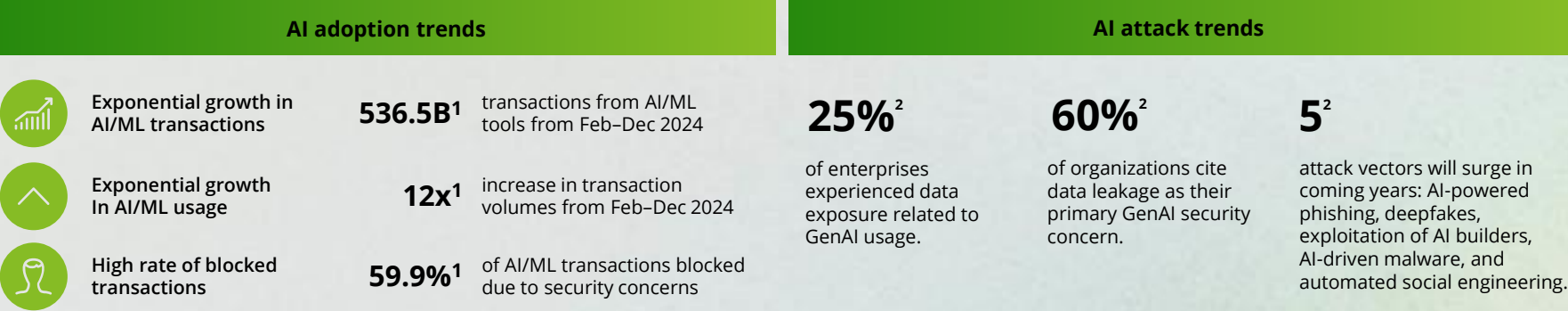
Infrastructure security has been largely static for a decade, but advances in AI, evolving business needs, and stricter compliance requirements are now driving organizations to modernize and rethink their security functions.

Tools such as digital assistants, chatbots, and generative pre-trained transformer (GPT)-powered solutions now streamline requirement gathering, automate document creation, and accelerate system integration and compliance—resulting in faster, more efficient workflows with less manual effort. Unified platforms and Generative AI (GenAI) further enhance productivity by automating documents, speeding up audits, and enabling near real-time updates to operations. Additionally, advances in natural language processing (NLP) and agentic AI make it possible to automate complex, context-aware tasks that were previously beyond the reach of traditional automation.

While operational efficiency improves, organizations contend with new challenges introduced by AI-driven automation, including adversarial attack vulnerabilities, data manipulation, and unauthorized access to AI models. In response, infrastructure security capabilities must evolve.

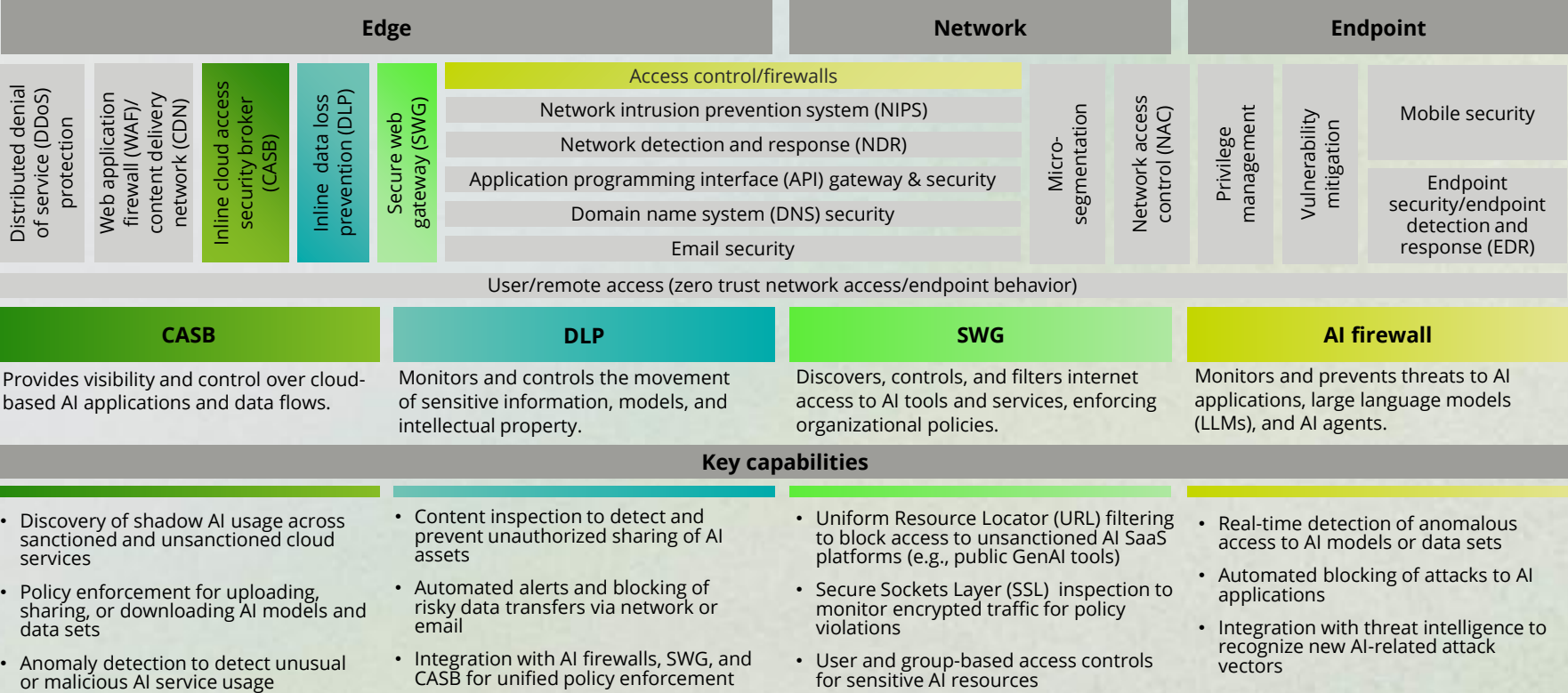
The changing landscape

The artificial intelligence (AI) landscape is evolving, both in how organizations are adopting it and how attackers are leveraging it.



1. Data sourced from ThreatLabz 2025 AI Security report. 2. Insights from Zscaler Secure GenAI Adoption document.

Securing AI adoption with infrastructure security



Connect to accelerate

Contact our leaders to dive deeper into the blueprint and reimagine what’s possible for your organization.



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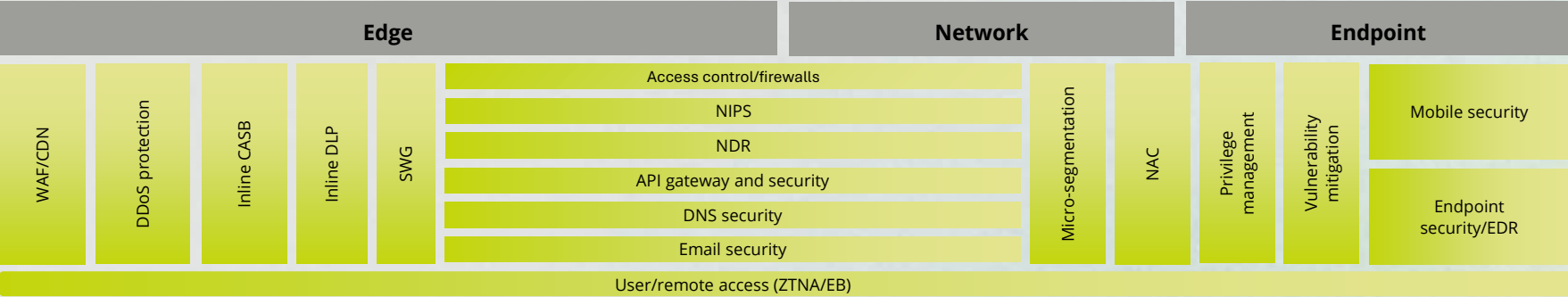
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Embracing AI within infrastructure security

A blueprint for an AI-powered future: Infrastructure security spans multiple capabilities with associated vendor tools across edge, network, and endpoint. How those capabilities and vendor tools are managed from assessment through implementation, policy management, and support can be greatly uplifted through AI. The legend below identifies AI-enabled and non-AI-enabled services.



Assessment/ strategy	Detail design	Implementation		Transition	Policy management		Platform support
Strategy definition	Detail design creation	New implement and migration	Policy changes	Documentation creation	Policy fulfillment	Policy governance	Monitoring and management
Meeting transcription	Data gathering and configuration analysis	Physical control implementation	Onboarding workflow management	Knowledge database/FAQ chatbot	Request initiation	Change assurance	Health/triage
Strategy generation assistance	Requirement and use case definition	Policy migration	AI information gathering	As-built documentation generation	Request validation	Audit/compliance	Request management
Strategy document creation	Draft diagrams	Network – pre/post-change validation	Deployment scheduler	Training material generation	Scope identification	Policy optimization	Vendor management
Strategy governance	Diagram refinement	Cross-system search/integration	New policy generation	Standard operating procedure (SOP) generation	Policy design – cross platform	Policy recertification	Defect management
Remediation and enforcement	Content validation		Exception approval	SOP translation/generation	Policy risk assessment	Asset reconciliation	Upgrades/updates
Environment scanning and discovery	Document creation			Training	Risk-based workflows	Asset remediation	Patch and upgrade pre/post testing
	Document maintenance			Identity and coordinate	Exception approval		Secret management
	Document updates			Training sessions	Automated deployment		Certificate management
	Gap analysis						Change management/coordination

Legend

AI-enabled

Non-AI-enabled