

A CISO's Guide to ShieldX

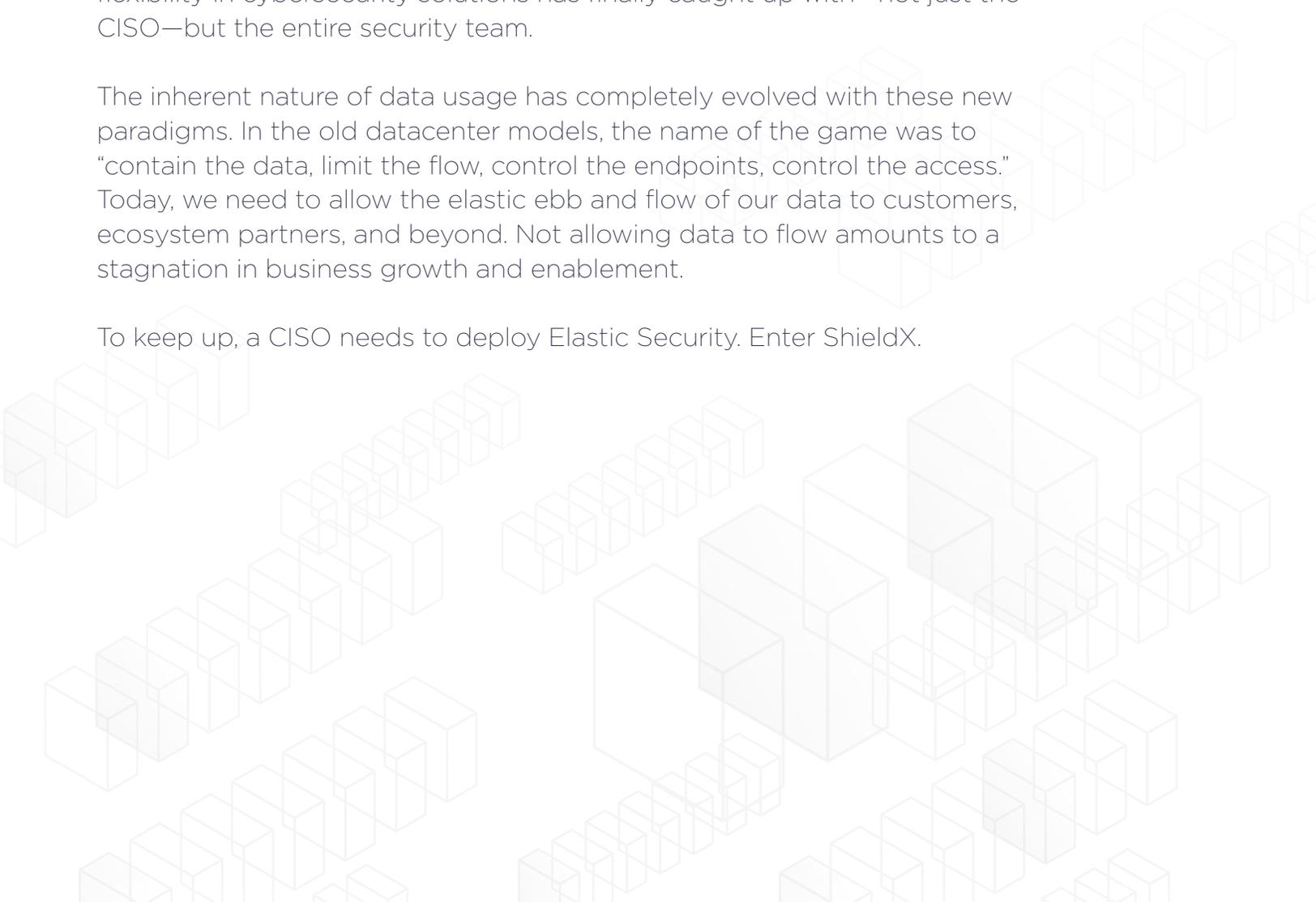
For the CISO in today's IT world, the security game has, in many ways, become a whole new model to work with. In years past, the name of game was "containment—with chokepoints". It was a tightly controlled world—and CISO's had the ability to lock it down and only allow dataflows through a select set of avenues. Connections to partners and users were done either through direct network circuits or portals.

And then came the cloud. And cloud services. And cloud-based X-as-a-Service platforms.

Security solutions and mitigations that had kept the datacenter and end-user systems controllable and manageable have become obsolete. The lack of flexibility in cybersecurity solutions has finally caught up with—not just the CISO—but the entire security team.

The inherent nature of data usage has completely evolved with these new paradigms. In the old datacenter models, the name of the game was to "contain the data, limit the flow, control the endpoints, control the access." Today, we need to allow the elastic ebb and flow of our data to customers, ecosystem partners, and beyond. Not allowing data to flow amounts to a stagnation in business growth and enablement.

To keep up, a CISO needs to deploy Elastic Security. Enter ShieldX.



CISOs are faced with having to maintain vigilance and control due to regulations and standards based on outdated datacenter-based concepts—yet simultaneously enable the business to adopt the modern technology capabilities at the rapid pace of IT. This leaves CISOs precariously shouldering:

- **Accountability:** Enterprises need to share data with others—but the CISO must still protect it and is responsible when organizations lose control.
- **Indemnification and reputational loss:** Legal and brand problems shadow over the CISO as data is released into the wild even though many statutes, regulations, and legal requirement make security responsibility for control of shared data.
- **An expanding attack surface:** Organizations open access the data, applications, and services for any device.
- **Securing DevOps without impediment:** Development teams need to be able to innovate with open capabilities being brought out by all of the latest tech models—securely.

HOW DOES SHIELDX WORK?

WELCOME TO ELASTIC SECURITY. WELCOME TO SHIELDX.

What if moving to the cloud made you more secure? With ShieldX, not only do we make you more secure, but we make security the easiest thing you do in the cloud.

The ShieldX Elastic Security Platform dynamically scales to deliver comprehensive and consistent controls to protect data centers, cloud infrastructure, applications and data no matter where they are or where they go to make the cloud more secure than on-premise deployments. Our frictionless approach leverages agentless technology as well as the ShieldX Adaptive Intention Engine which autonomously translates and enforces intention into a set of comprehensive controls—micro-segmentation, firewall, IPS and more—making security the easiest thing you do in the cloud.

Based on cloud agnostic microservices technology, ShieldX ensures security understands and maintains vigilance over cloud-enabled operations and workflows by continuously translating a security's intention into controls as cloud infrastructure rapidly evolves.

Today, our customers—including Alaska Airlines, IDT, Park Holidays—have saved millions by eliminating control sprawl and consolidating processes to dramatically reduce tactical systems management.

WHAT DOES SHIELDX DELIVER?

- **Visibility into your cloud workflows:** With ShieldX, CISOs can manage consistency between all levels of the cloud continuum across each individual vendor to create one consistent view. ShieldX discovers infrastructure assets such as networks, virtual switches, distributed virtual switches, virtual private clouds, vNets, subnets, workloads, tags and much more. Also, ShieldX uses cloud traffic classification and network scanning to understand attack surfaces, vulnerabilities as well as classify data in rest and in motion.
- **Intent-based automation:** The ShieldX Adaptive Intention Engine takes a security intention and transforms it into reality—instantly. When analyzing an environment, ShieldX will recommend and process security policies, instantly enforcing them across the multi-cloud environment eliminating tactical, maintenance workflow. For example, when a new web tier, middleware application or storage tier appears, ShieldX automatically implements a recommended and/or preexisting security profile, all with appropriate access controls while also monitoring for information/data loss.

- **Full-stack security controls:** ShieldX provides dozens of comprehensive sets of controls that go beyond basic ACLs. Because ShieldX uses a holistic set of mitigations to keep the workload secure, a true defense-in-depth model for each microsegment is deployed, and multiple mitigation layers defend the attack surface intuitively, in unison, in a layered approach.
- **Cloud scale:** Built using containerized microservices, ShieldX scales elastically to any sized environment without suffering from performance degradation or reduced security. This groundbreaking innovation provides an unparalleled ability to deploy security controls where and when they are needed at any scale.

WHAT IS THE SHIELDX BUSINESS IMPACT?

SIMPLIFY SECURITY OPERATIONS. DRAMATICALLY.

With ShieldX, security can automatically provision a consolidated set of controls at a speed to match your business. Leverage a consistent approach across your deployment platforms.

LET SECURITY ADAPT TO YOUR BUSINESS (NOT THE OTHER WAY AROUND).

Never say “no” to business innovation—evolve and secure in lock step.

APPLICATION AND THREAT MODEL VISUALIZATION.

Across all your multi-cloud deployment, simultaneously derive threat intelligence for instantaneous visibility and protection.

DO MORE WITH LESS.

Reduce or eradicate control sprawl, eliminate hardware, consolidate security processes and focus on strategic security, not tactical system management. With consolidated technology and streamlined workflow, ShieldX customers reduce overall security spend 30 percent.

SHIELDX MAKES SECURITY THE EASIEST THING ENTERPRISES DO IN THE CLOUD.

Our cloud-native, network security platform elastically delivers a full stack of agentless security controls—IPS, firewall, malware prevention, microsegmentation, and more—to protect data centers, cloud infrastructure, applications, and data. Our driving philosophy is to bring cloud speed, scale, and orchestration into the hands of security professionals worldwide. Based on cloud agnostic microservices technology, ShieldX ensures that security teams understand and maintain vigilance over cloud operations and workflows by continuously translating a security’s intention into controls as cloud infrastructure rapidly evolves. Today, customers including Alaska Airlines and IDT have saved millions of dollars by eliminating control sprawl and consolidating security processes to dramatically reduce tactical systems management.



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