Cato Networks SSE Quick Overview

Network and security point solutions are incompatible with the Digital Business

Your business is going digital. It depends on optimized and secure global access to applications and data, on premises and in the cloud, and on an increasingly hybrid workforce. Rigid network and security architectures built with disjointed point solutions, can’t adapt to emerging business and technical requirements and the evolving threat landscape. The result is lower business agility and increased risk made worse by shortage of resources and scarcity of critical skills as well as the high cost of outsourced support. There must be a better way.

Bring Security and Access to Your Users with SSE 360

Cato enables enterprises to move away from a rigid and disjointed IT architecture to the Cato SASE Cloud, a converged networking and security platform delivered as a cloud service. With Cato, enterprise IT can rapidly address new business and security requirements such as cloud migration, adoption of public cloud applications, and work from anywhere. Cato’s converged architecture reduces cost and complexity with simple management through single pane of glass, self-healing infrastructure, and automatically evolving defenses that seamlessly mitigates emerging threats.

Cato SSE 360 converges the following security capabilities: Secure Web Gateway (SWG), Cloud Access Security Broker (CASB), Data Loss Prevention (DLP), Zero Trust Network Access (ZTNA), and Firewall as a Service (FWaaS) with Advanced Threat Prevention (IPS and Next Generation Anti-Malware). Built on Cato Single Pass Cloud Engine (SPACE) architecture, all capabilities leverage the scalability, resiliency, global footprint, and self-maintenance of the Cato SASE Cloud.

Cato SASE Cloud

SSE 360 + 3rd Party Edges

Real-time Policy Enforcement (SSE 360)
- FWAas • SWG • IPS • NGAM
- ZTNA • CASB • DLP

Multi-gig Packet Processing
- Any flow • Context extraction • Route optimization
- Protocol acceleration • Selective decryption

Unified Management (SSE 360)
- Full visibility and control
- Policy configuration
- Analytics and events
- Self- or Co-managed service
What can SSE 360 do for you?

Cato enables customers to gradually transform their networking and security for the digital business. You can address one or more of the use cases below at your own pace. No matter where you start, Cato will support you throughout your journey.

**Secure Direct Internet Access**

Cato provides a cloud-native security service edge, Cato SSE 360, converged into the Cato SASE Cloud. By connecting all locations and users to Cato SSE 360 through Cato edge SD-WAN devices and Cato SDP Clients, all traffic, both Internet and WAN, is fully protected by Cato SSE 360. With Cato, customers can eliminate or avoid the cost and complexity of multiple firewall appliances and standalone cloud security services.

**Work From Anywhere**

Cato extends global networking and security capabilities down to a single user’s laptop, smartphone, or tablet. Using a Cato SDP Client or clientless browser access, users dynamically connect to the closest Cato PoP, and their traffic is optimally routed over the Cato global private backbone to on-premises or cloud applications. Cato SSE 360 enforces granular application access policies, protects all users against threats, and prevents data loss.

Customers use Cato to eliminate the cost and complexity of point solutions including appliances and cloud-based security services such as VPN, Firewalls, CASB, and Secure Web Gateways.

**Sensitive Data Security**

Cato SSE 360’s CASB and DLP capabilities enable full visibility and control of sensitive data. Cato enforces granular policies on data access from corporate and BYOD devices and data sharing across applications. With Cato, customers can reduce the risk of sensitive data loss and reputation risk, and better comply with regulatory requirements.

**Gradual Cloud Migration**

Cato easily connects physical and cloud datacenters to Cato SASE Cloud and optimizes access to public cloud apps. Traffic is inspected by Cato SSE 360 and optimized using Cato’s global private backbone across the “middle mile”. This is achieved through a “smart egress” capability that allows customers to define an application-level rule to exit specific application traffic at a designated PoP that is the closest to the target instance serving the organization. With Cato, customers can eliminate premium cloud connectivity solutions like AWS DirectConnect and Microsoft ExpressRoute.

**Global Application Access**

Cato SSE 360 leverages Cato’s a global private backbone with built-in WAN and cloud optimization to deliver an SLA-backed, predictable, and high-performance application access everywhere. Customers that suffer from poor application access for remote locations and users, use Cato to deliver a great user experience for both on-premises and cloud application access.