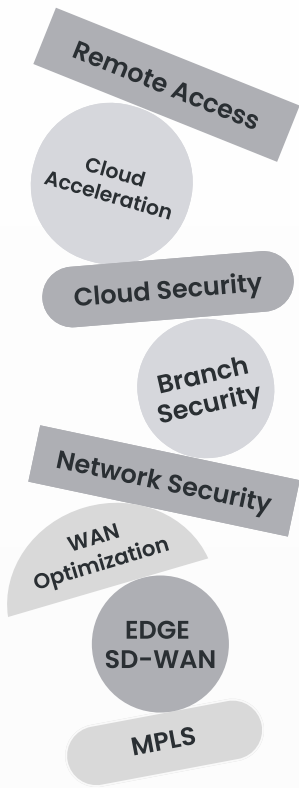# Cato Networks Quick Overview

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.

Remote Access

Cloud Acceleration

Cloud Security

Branch Security

Network Security
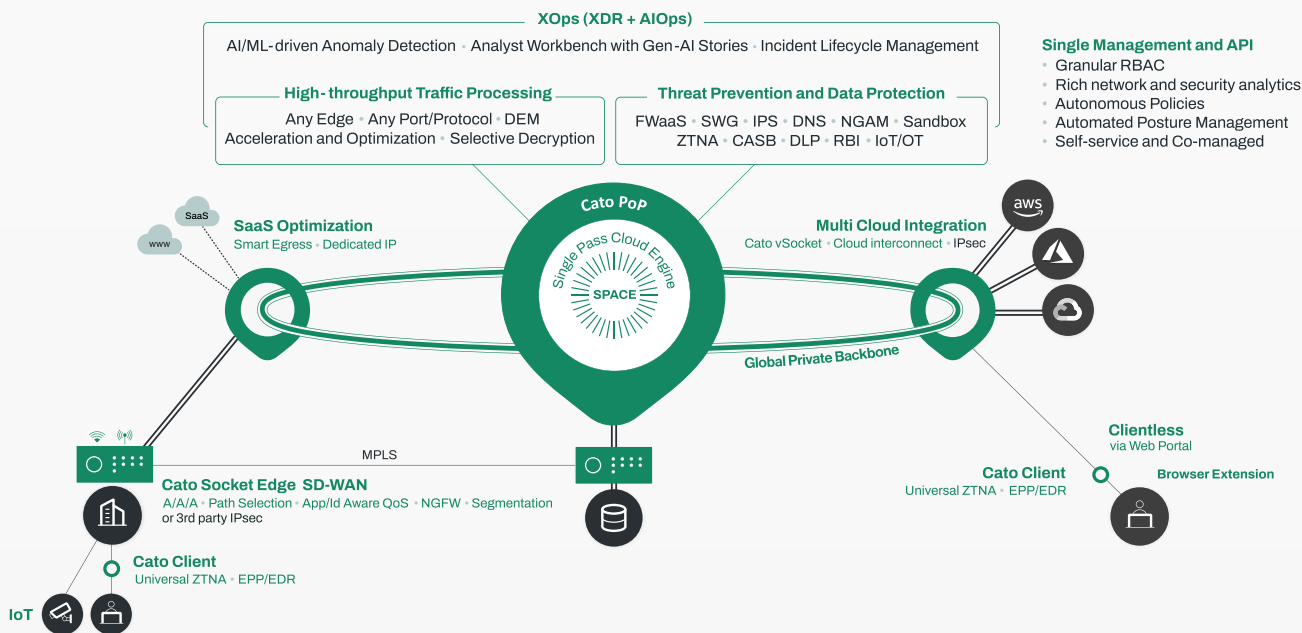
WAN Optimization

EDGE SD-WAN

MPLS

SASE, SSE, ZTNA, SD-WAN? Your Journey, Your Way.

Cato provides the world's most robust single-vendor SASE platform, converging Cato SD-WAN and a cloud-native security service edge, Cato SSE 360, into a global cloud service. Cato SASE Cloud optimizes and secures application access for all users and locations everywhere.

Using Cato, customers easily replace costly and rigid legacy MPLS with modern network architecture based on SD-WAN, secure and optimize a hybrid workforce working from anywhere, and enable seamless cloud migration. Cato enforces granular access policies, protects users against threats, and prevents sensitive data loss. Cato protects endpoints and helps detect and remediate threats with the most powerful SASE-based XDR. All Cato services are easily managed from a single pane of glass. With Cato your business is ready for whatever's next.

Cato SASE Cloud Platform with SSE 360

XOps (XDR + AIOps)
AI/ML-driven Anomaly Detection · Analyst Workbench with Gen-AI Stories · Incident Lifecycle Management

High-throughput Traffic Processing
Any Edge · Any Port/Protocol · DEM
Acceleration and Optimization · Selective Decryption

Threat Prevention and Data Protection
FWaaS · SWG · IPS · DNS · NGAM · Sandbox
ZTNA · CASB · DLP · RBI · IoT/OT

Single Management and API
· Granular RBAC
· Rich network and security analytics
· Autonomous Policies
· Automated Posture Management
· Self-service and Co-managed

SaaS Optimization
Smart Egress · Dedicated IP

SaaS
www

Cato PoP
Single Pass Cloud Engine
SPACE

Multi Cloud Integration
Cato vSocket · Cloud interconnect · IPsec

aws

Global Private Backbone

MPLS

Cato Socket Edge SD-WAN
A/A/A · Path Selection · App/Id Aware QoS · NGFW · Segmentation
or 3rd party IPsec

Cato Client
Universal ZTNA · EPP/EDR

IoT

Clientless
via Web Portal

Cato Client
Universal ZTNA · EPP/EDR

Browser Extension

Where do you Want to Start?

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.

MPLS Migration to SD-WAN

Cato enables customers to replace or augment MPLS using a combination of high-capacity Internet links and Cato Edge SD-WAN. Customers boost usable capacity and improve resilience at a lower cost per megabit. Global enterprises use Cato's global private backbone to reduce costs, meet service levels, improve performance, and deliver security everywhere.
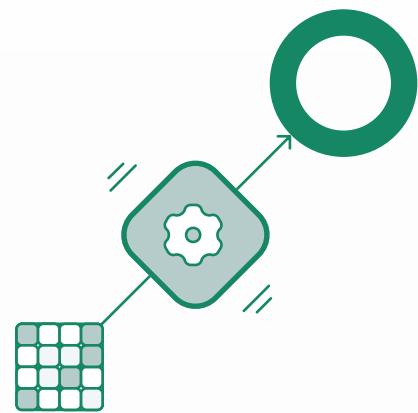
Secure and Optimized Remote Access

Cato extends global networking and security capabilities down to a single user's device. Mobile and remote users are no longer treated like second-class citizens of the network and security infrastructure. Using a Cato 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's security-as-a-service stack protects users against threats everywhere and enforces application access control.

Secure Internet and SaaS Access

Cato converges a complete network security stack, SSE 360, into the Cato SASE Cloud. By connecting all branch locations to Cato, all traffic, both Internet-bound and WAN, is fully protected by Cato's enterprise grade security capabilities including FWaaS, SWG, CASB/ DLP, IPS, NG-AM, Sandbox, RBI, XDR, and EPP. There's no need to backhaul Internet traffic to a datacenter or a regional hub, deploy branch network security appliances, or procure stand-alone cloud security solutions.

Optimized Global Connectivity

Cato SASE Cloud uses a global private backbone with built-in WAN and cloud optimization to deliver an SLA-backed, predictable, and high-performance network experience everywhere. Customers who suffer from high latency and network inconsistency across their global locations use Cato to deliver a great user experience when accessing on-premises and cloud applications.

Hybrid-Cloud / Multi-Cloud

Cato provides seamless acceleration of cloud traffic by routing all traffic from all edges to the Cato PoP closest to the cloud datacenter. Because Cato PoPs reside in close proximity to the major cloud providers' datacenters, the latency between Cato and these providers is very low. There is no need to install cloud appliances or setup hubs to reduce latency to the cloud.