

# Secure Enterprise WANs with SCION Secure Access Groups

An alternative to MPLS, SD-WAN and VPNs.

In today's interconnected and AI-driven world, WAN architecture is no longer just a trade-off between security and flexibility - it's become a strategic business continuity decision.

Modern businesses have ever larger ecosystems. Enterprise WANs are often built using some combination of MPLS, SD-WAN, and VPNs.

These solutions are no longer fit-for-purpose.

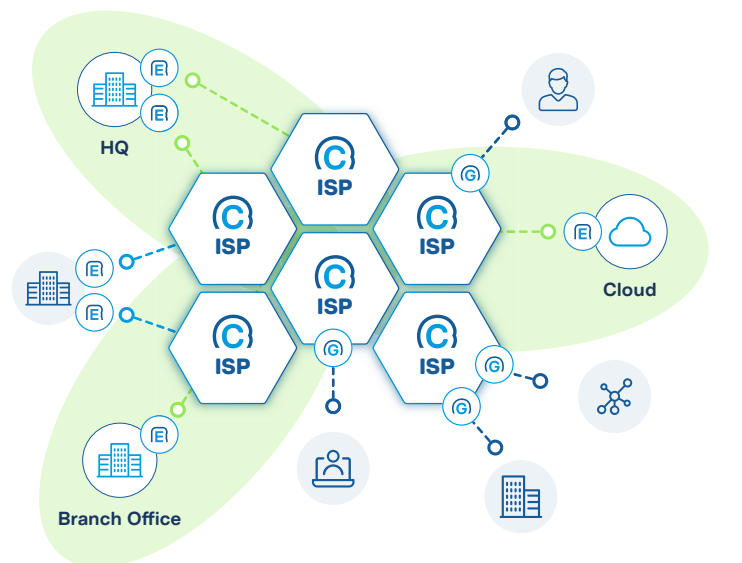
**SCION Secure Access Groups provides a new gold standard for businesses: a private, invite-only WAN designed for modern enterprises that require strong isolation and the flexibility for hybrid cloud integrations, partner connectivity, and a distributed footprint.**

## Make your Enterprise WAN invisible

**SCION Secure Access Groups** is a feature of Anapaya EDGE that allows enterprises to form invite-only private groups.

Only explicitly authorized participants are allowed to join specified SCION Secure Access Groups.

Communication is strictly limited to group members; anyone outside it cannot see the network, its endpoints, or the paths traffic takes - making it invisible.



## 3 steps to deploy SCION Secure Access Groups

### Step 1

Install Anapaya EDGE across your ecosystem.

### Step 2

Register private paths in the Hidden Segment Directory.

### Step 3

Manage policies on Anapaya CONSOLE.

## Use cases

### Private multi-cloud network at a bank



A bank's infrastructure spans multiple environments: an on-premises data center, AWS and Azure. With SCION Secure Access Groups, the bank creates a private domain that includes only the bank's own Autonomous System (AS): on-premises, AWS, and Azure.

### Secure connectivity between a hospital and its suppliers



A hospital collaborates with external suppliers such as pharmacies, laboratories, and medical device providers. With SCION Secure Access Groups, the hospital creates a dedicated domain with the hospital's AS and the specific suppliers.

## Benefits

- ✔ **Reduced attack surface:** All data within the Enterprise WAN is invisible to unauthorized entities, as well as the paths, preventing cyberattacks such as DDoS and ransomware.
- ✔ **Easy technical installation:** Private, multi-AS enterprise networks can be deployed over the SCION Internet with minimal operational complexity and an intuitive user experience.
- ✔ **Cyber resilience:** A multi-provider set-up eliminates concentration risk. SCION's multi-path capability enables seamless failover.
- ✔ **Scalable and flexible:** The architecture of the Enterprise WAN scales on demand, allowing new entities to be added without operational complexity.
- ✔ **Cost-efficient:** More economical than private lines, SD-WAN, and VPNs solutions.
- ✔ **Simplified management:** Centralized, user-friendly management with Anapaya CONSOLE.

[Book a demo today or email us!](#)