

# The Cisco Security Cloud: Built for a multi-cloud, hybrid world

The Cisco Security Cloud is an open, integrated, unified platform for end-to-end security across hybrid multi-cloud environments that optimises performance while improving security efficacy. It offers the full breadth of capabilities needed for securely connecting people and devices everywhere to applications and data anywhere, plus threat prevention, detection, response and remediation at scale.

Cisco Security Cloud delivers a comprehensive, integrated set of security and networking services with public cloud economics and no public cloud lock-in, so you can protect your entire IT ecosystem while simplifying your end user experience.

## Benefits

- Simplify security and networking with a cloud-native platform that securely connects users, devices and IoT to an organisation's systems, apps and data – across multiple clouds and networks.
- Reduce friction by placing security closer to users, their data and their applications – and simplify how they interact with all these things.
- Increase efficiency with unified policy, management, product consoles and dashboards to help security work seamlessly from end to end.
- Work flexibly at scale, with no vendor lock-in. Take advantage of APIs for integration, and a robust developer ecosystem, so your environment can evolve along with your business.
- Improve visibility and threat protection with actionable insights across networks, clouds, endpoints and applications to help SecOps teams hunt, investigate and remediate threats.

## Optimise the performance and security of every connection

The Cisco Security Cloud will be unlike any other security platform or point solution. Cisco's comprehensive, integrated set of security and networking services take a cloud-first approach that can protect your entire IT ecosystem – in the cloud, on premises or a combination of both.

- Scale with ease: The elastic architecture of Security Cloud scales up, down or out to meet changing enterprise workloads and volumes.
- Achieve security across your whole ecosystem: an open, extensible API allows third-party solutions to plug into the platform and also encourages and supports a developer ecosystem.
- Provide single-pane-of-glass visibility, monitoring and reporting: unified management will enable policy to be set in one place and replicated to all networks, end points and systems – even third-party.
- Reimagine the policy process: our Unified Policy Engine will be intent-based and AI-driven so you can improve and automate the process of setting policies.
- Support true multi-cloud environments: Security Cloud will secure data across all major public clouds like Microsoft, Google or Amazon and also provide secure connectivity to not just users and traditional devices, but also data streams from IoT endpoints.

## How ISE enforces Zero Trust

Connecting trusted users and endpoints with trusted resources.

### Endpoint request access

- Endpoint is identified and trust is established
- Posture of endpoint to meet compliance

### Trust continually verified

- Continually monitor and verifies endpoint trust level
- Vulnerability assessments to identify indicators of compromise
- Automatically updates access policy



### Endpoint classified, and profiled into groups

- Endpoints are tagged w/SGTs
- Policy applied to profiled groups based on least privilege

### Endpoint authorised access based on least privilege

- Access granted
- Network segmentation achieved

**“You’re most vulnerable when you have silos. This platform unifies visibility and taps into DevOps, SecOps and even infrastructure.”**

– Collin John,  
Global Security Manager

To learn more,  
read our eBook:  
[The Cisco Security Cloud](#)

## The Cisco difference

Capabilities	Details
Reputation	The world knows Cisco for our networking and broad security offerings. That global presence give us visibility into unmatched volumes of telemetry.
Scale	No environment is too big or small. We protect 840,000 networks, 67 million mailboxes and 87 million endpoints.
Architecture	Our open APIs and unified, multi-cloud architecture remove silos and put you in control of your entire environment.
Innovation	High-quality at-scale telemetry, intent-based policy definition, AI-driven automation, Cisco Talos threat intelligence and response, unique hybrid work solutions and more.