Security in Cisco Cloud Control

Modernize security management with an agentic workforce

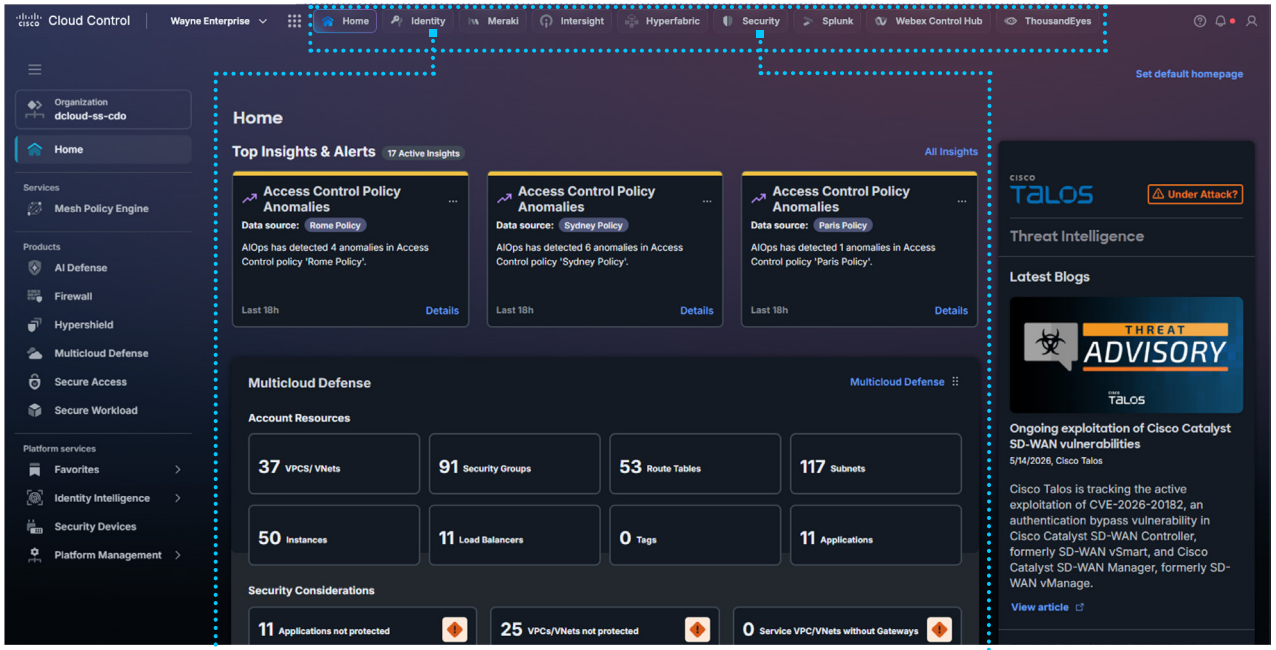
Security teams are not struggling because they lack tools. They are struggling because security work is fragmented across too many consoles, too much data, and too little shared context.

Cisco Cloud Control unifies Cisco domains into one governed operations platform with shared inventory, topology, alerts, identity, and AI-powered workflows. Inside it, AI Canvas gives operators and AI agents a shared workspace to troubleshoot across domains while preserving evidence, timelines, and context.

One platform, every domain

Security in Cloud Control

Security in Cloud Control gives teams one environment to manage enforcement points, correlate alerts across Cisco domains, and connect policy decisions to broader operational context. Organizations can leverage the following Cisco security technologies to implement scalable solutions such as Hybrid Mesh Firewall and Zero Trust Access:



Cross-domain identity built-in

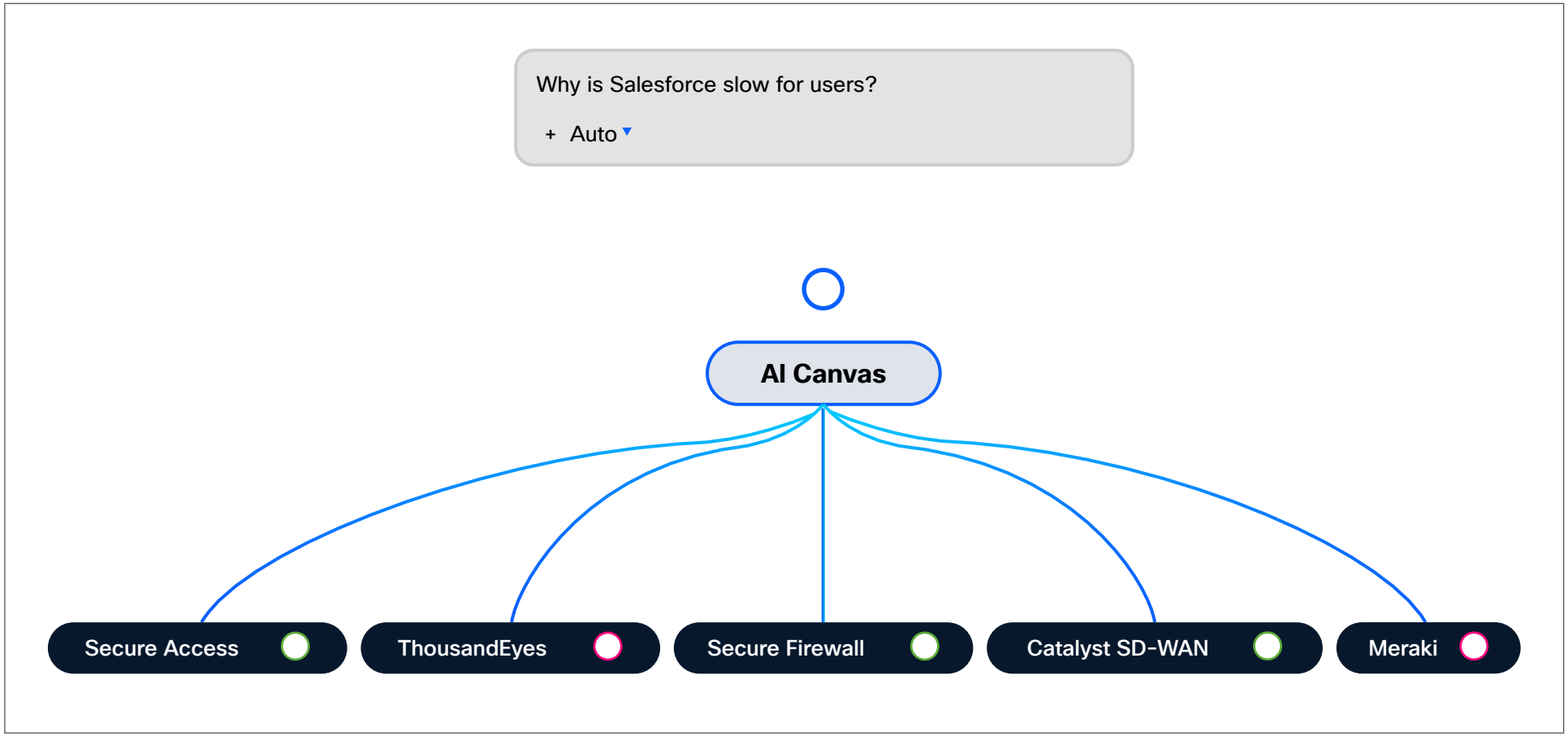
- **Simpler** operations through one coherent environment
- **Faster**, more confident decision-making with complete connected context
- **Lower** operational friction with faster coordination and response

- Cisco Firewall
- Cisco Hypershield
- Cisco Secure Access
- Cisco Secure Router (Catalyst SD-WAN and NGFW)
- Cisco Secure Workload
- Cisco AI Defense

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One investigation. Every domain

Built-in is an agentic workforce of autonomous AI agents engaged through conversational LLM prompts, helping teams work with the speed and expertise of highly skilled network and security admins. Agents continuously monitor to identify issues, recommend ready-to-execute configurations, and generate tested, production-ready rules mapped to relevant objects, groups, and baselines while administrators remain in control.



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Benefits

Unify security operations from policy to action

Security in Cloud Control helps teams simplify policy management, accelerate investigation, and improve operational confidence. With AI Canvas and an agentic workforce for security, teams can define policy once, enforce where needed, and act with full context.



Define once, enforce anywhere
Mesh Policy Engine translates security intent into tailored rules across Cisco and selected third-party firewalls.



Investigate faster
AI Canvas lets agents gather evidence across security, identity, network, observability, and application data.



Act with confidence
Pre-change simulation and validation help admins review impact before deploying policy updates.



Keep admins in control
Approval workflows, RBAC, and audit trails keep important security actions governed.



Reduce policy complexity
Policy analyzer and optimizer identify risky, redundant, shadowed, or unused rules.



Preserve policy knowledge
Policy lifecycle automation captures business intent, reasoning, approvals, and change history.



Modernize without rip-and-replace
Security in Cloud Control supports existing Cisco and selected third-party enforcement points.



Streamline SASE operations
Unified management across networking and security domains simplifies policy and enforcement from branch to cloud edge.



Get the full picture
Cisco Cloud Control unifies inventory, topology, alerts, and telemetry across domains.



Accelerate onboarding
Natural-language policy authoring and plain-English explanations guide less experienced admins.



Optimize continuously
Telemetry-driven recommendations flag drift and suggest safer policy improvements over time.



Lower operational friction
Unified AI Assistant and AI Canvas reduce console switching and manual cross-team coordination.

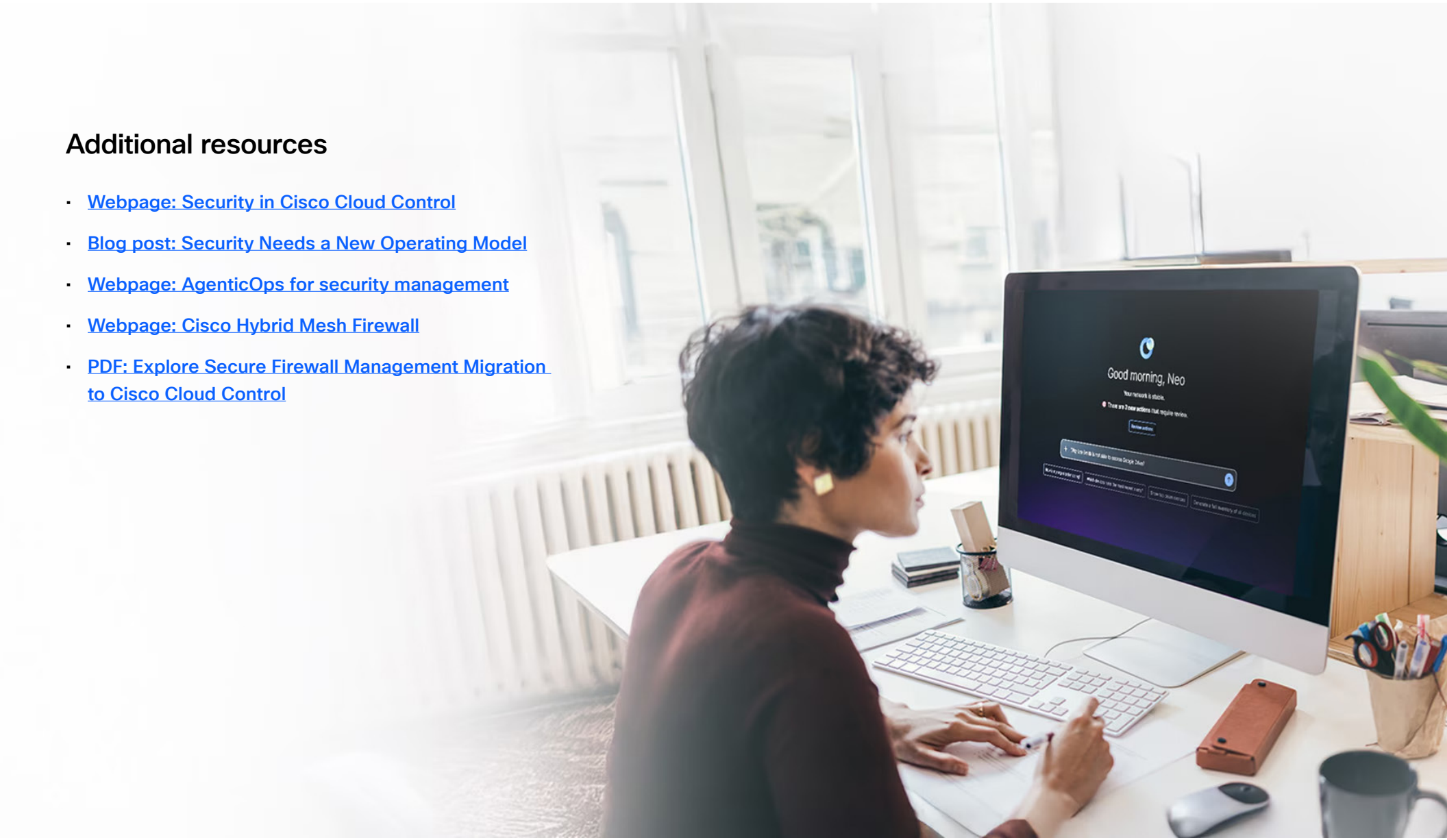
Security in Cisco Cloud Control with AI Canvas gives security teams a new operating model for the AI era: unified context, governed action, and an agentic workforce that helps teams move faster without giving up control.

Define policy once. Enforce where needed. Investigate with full context. Act with confidence.

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Additional resources

- Webpage: Security in Cisco Cloud Control
- Blog post: Security Needs a New Operating Model
- Webpage: AgenticOps for security management
- Webpage: Cisco Hybrid Mesh Firewall
- PDF: Explore Secure Firewall Management Migration to Cisco Cloud Control



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