FUTURE IS NOW

The Power of Cisco Security

Driven by the Network

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Hybrid Mesh Firewall

Firewall price-performance leader

Top to bottom

Branch | Campus | Data center | Cloud

NEW

200 Series

1 Model

Firewalling + IPS

Up to 1.5 Gbps

1200 Series

6 Models

Firewalling + IPS

Up to 18 Gbps

3100 Series

5 Models

Firewalling + IPS

Up to 45 Gbps

4200 Series

3 Models

Firewalling + IPS

Up to 140 Gbps

NEW

6100 Series

2 Models

Firewalling + IPS

Up to 400 Gbps

Public/Private

20+ cloud variants

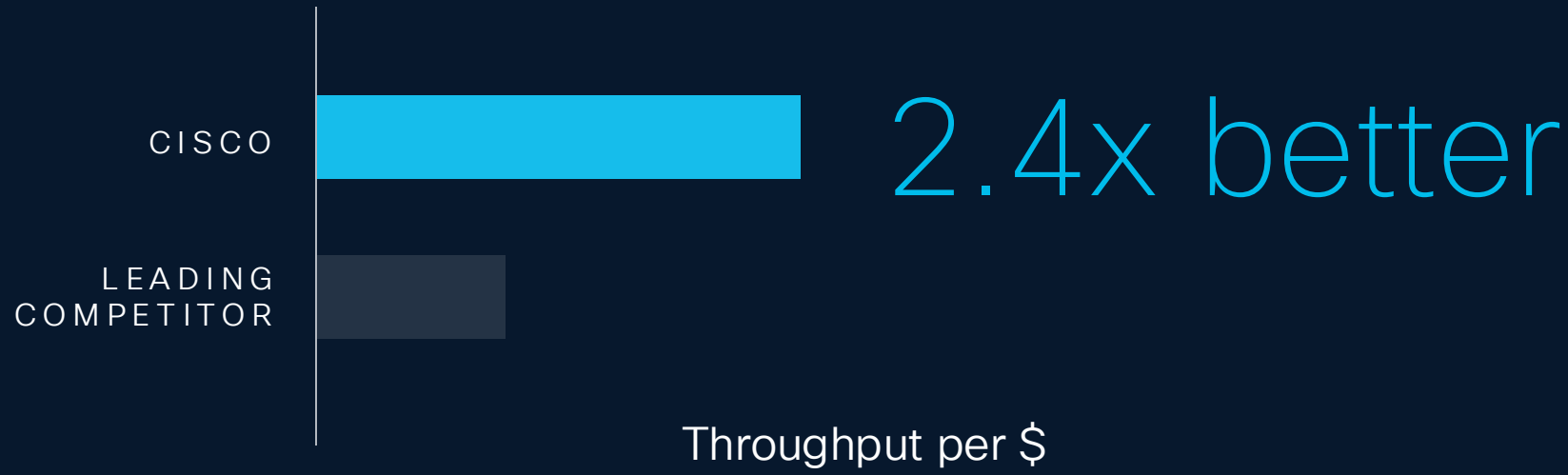
AI

Cisco changes the economics of decryption

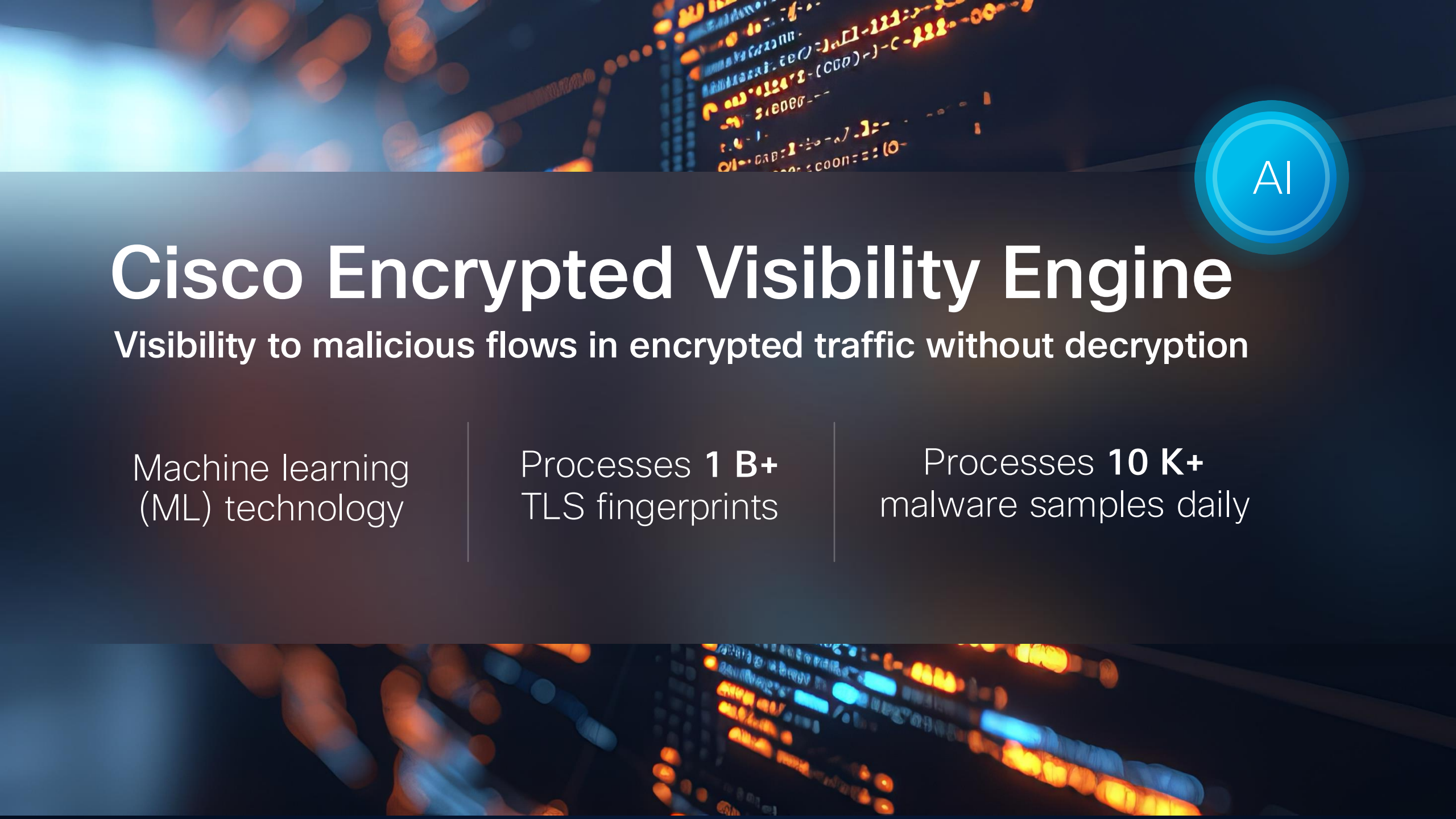
High-performance hardware offload architecture delivers price-performance leadership

NetSecOPEN

Testing validates Cisco's decryption advantage



1 Table 2: Performance specifications and feature details, Cisco Firewall 3100 Series Data Sheet
2 Table 11: HTTPS Throughput, NetSecOPEN Certification Report, Fortinet
Price from https://www.cdw.com/search/?key=cisco%203105
and https://www.cdw.com/product/fortinet-fortigate-601f-security-appliance/7122512?pfm=srh



Cisco Encrypted Visibility Engine

Visibility to malicious flows in encrypted traffic without decryption

Machine learning (ML) technology

Processes **1 B+** TLS fingerprints

Processes **10 K+** malware samples daily

Security Cloud Control

Security Cloud Control

Define policy once and enforce anywhere

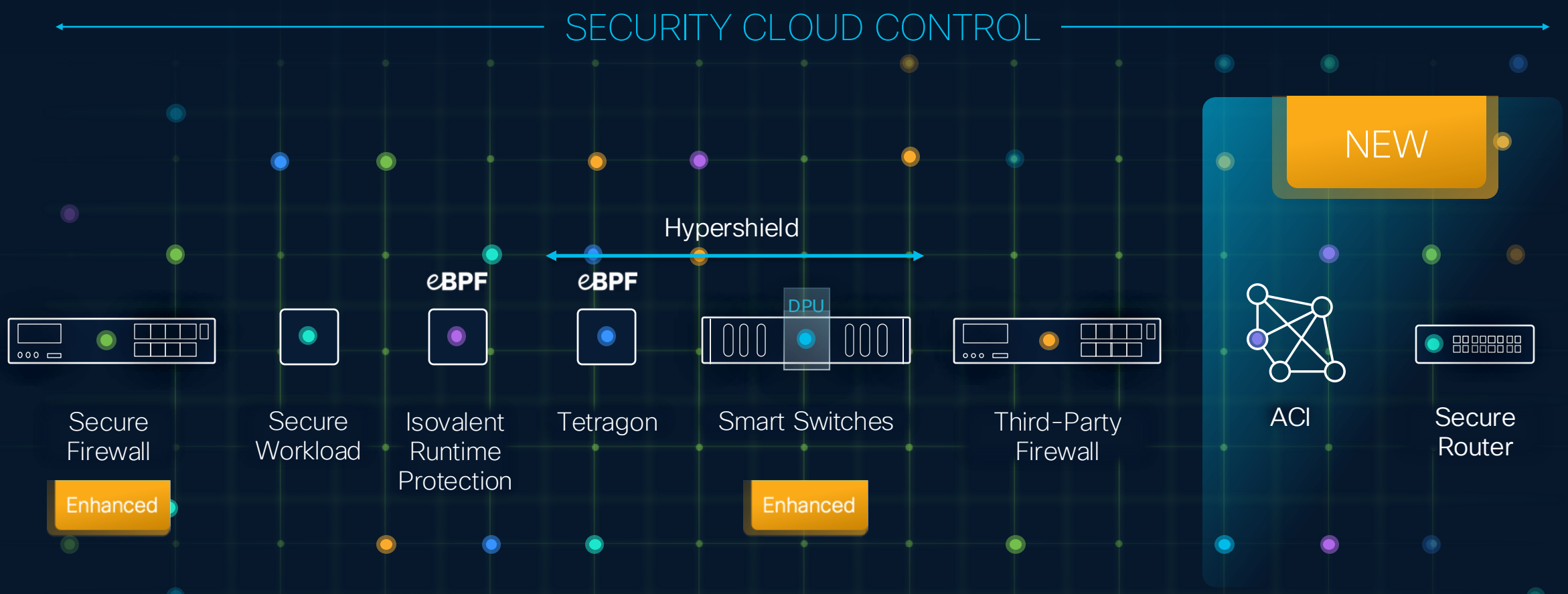
Hybrid Mesh Firewall | AI Defense | 3rd Party Firewalls

Secure Firewall | Secure Workload | Hypershield | Secure Router

Secure Access (FW as a service)

Unified AI Assistant:
Simplify policy administration **by up to 70%**

Cisco Hybrid Mesh Firewall



Write policy once, enforce across the mesh

Unified Management

Items in Grey are on Roadmap

- Centralize control of solutions and policies
- Experience faster set-up and provisioning
- Support hybrid and multicloud environments
- Leverage AI to strengthen protection and prevent downtime

Cisco AI Defense

AI Defense Product Components

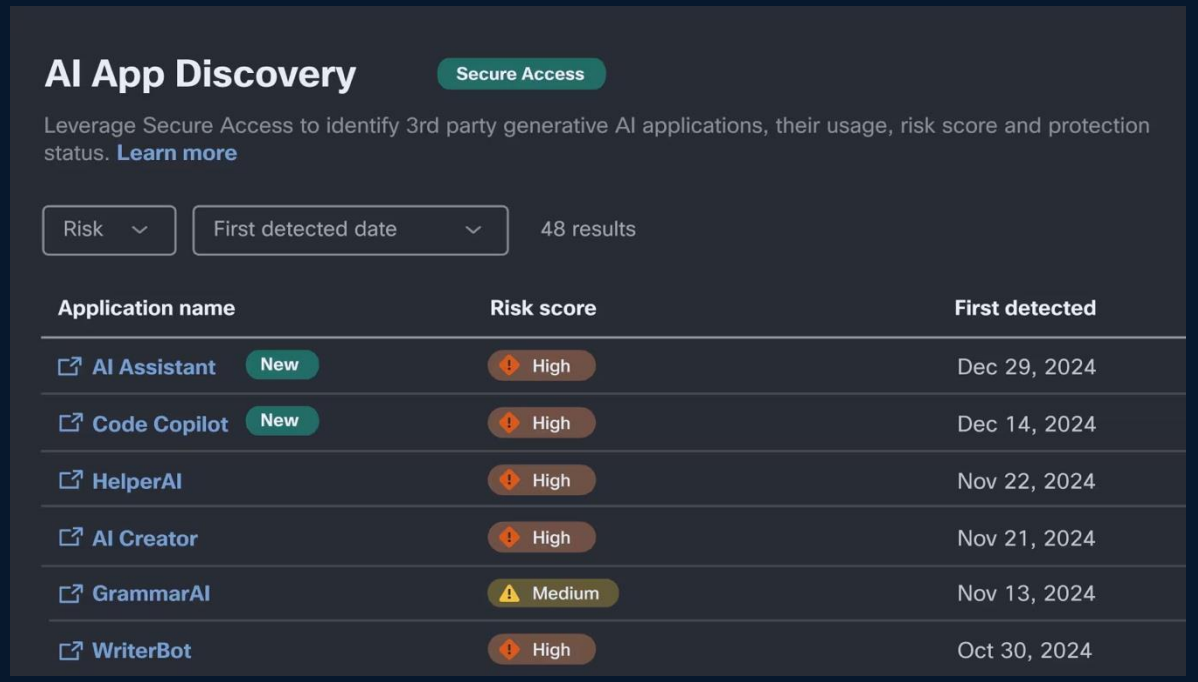
	CAPABILITY	DESCRIPTION
Building AI Apps	AI Cloud Visibility	Discover AI apps running within your cloud environments (VPCs included).
	AI Model & App Validation	Red team AI models and apps to assess risk and vulnerabilities.
	AI Runtime Protection	Place guardrails on GenAI apps developed by your organization to ensure safety, privacy, relevancy, and security.
Accessing AI Apps	AI Access	Protect users within your organization from sharing confidential data and misuse of unsanctioned AI applications.

Cisco AI Access is a part of Cisco Secure Access Advantage!

AI Access sees and controls AI

Superior visibility & control

- Discover Shadow AI; define acceptable use
- Granular control
  - Sensitive documents
  - Source code
- Machine learning finds unstructured data
  - Patent applications
  - M&A
  - Financial statements and more



1200+
AI Apps Protected

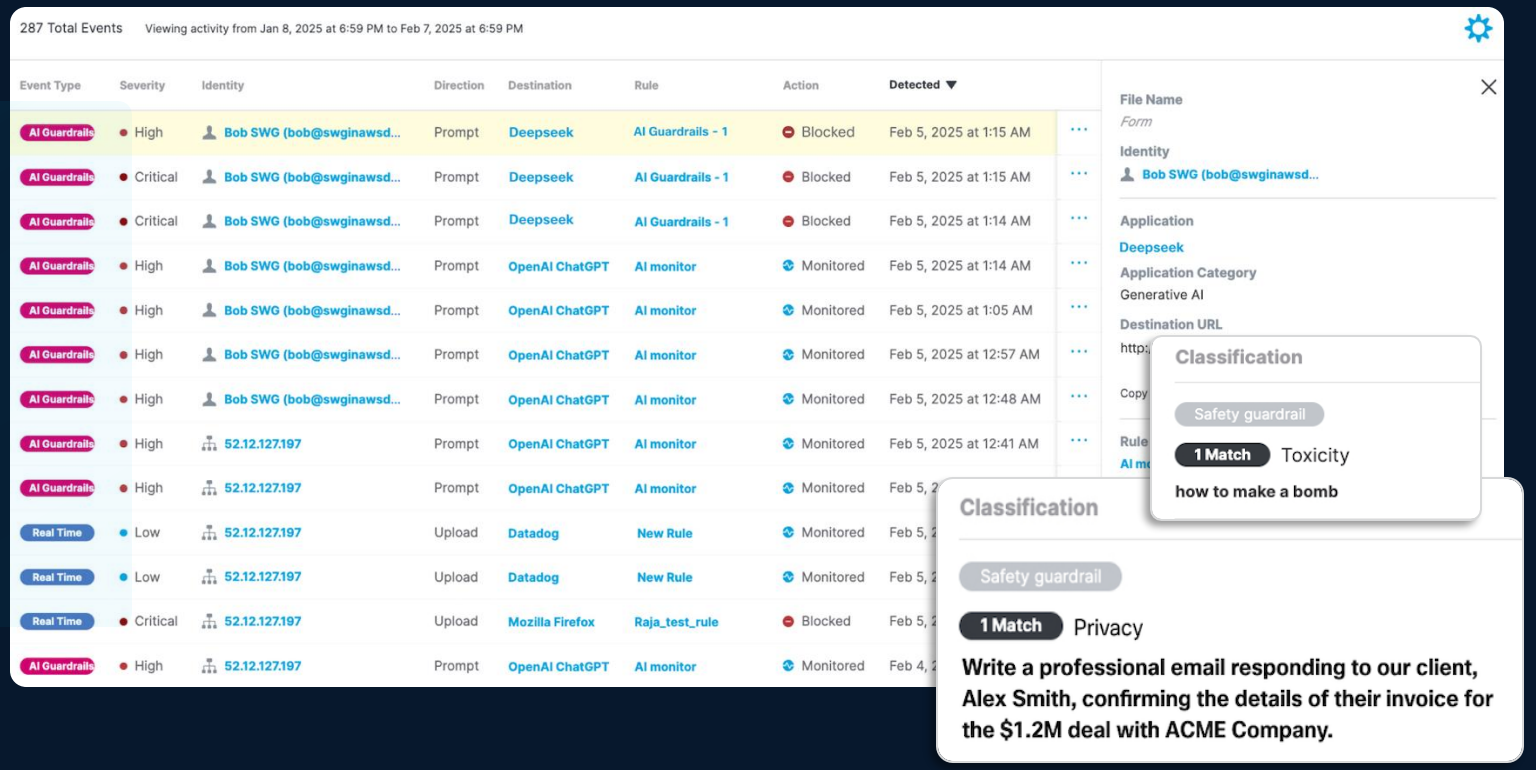
100%
Guardrails for top AI Apps

1
Unified Security Framework

AI Access understands intent

Advanced guardrails

- Mitigates prompt injections, toxic content
- Aligns with Mitre Atlas
- Compensating control for insecure LLMs



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Guardrails for top AI Apps

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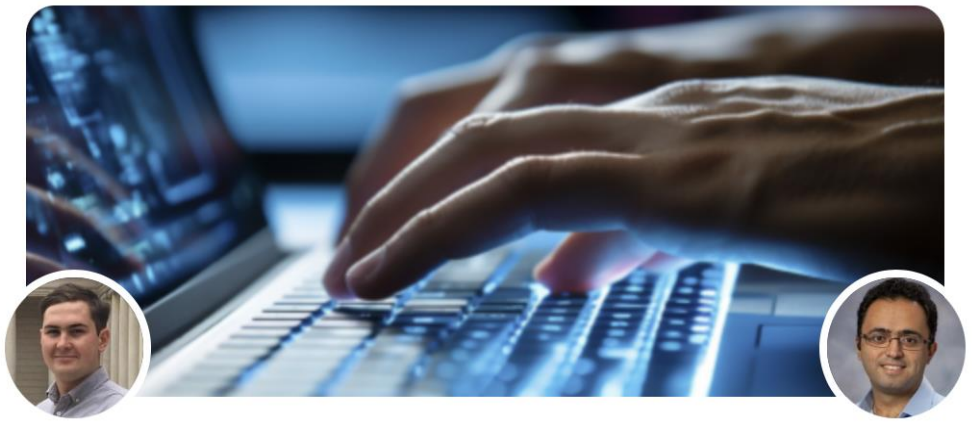
Unified Security Framework



Security

Evaluating Security Risk in DeepSeek and Other Frontier Reasoning Models

5 min read

Paul Kassianik, Amin Karbasi

This original research is the result of close collaboration between AI security researchers from Robust Intelligence, now a part of Cisco, and the University of Pennsylvania including Yaron Singer, Amin Karbasi, Paul Kassianik, Mahdi Sabbaghi, Hamed Hassani, and George Pappas.

Executive Summary

This article investigates vulnerabilities in **DeepSeek R1**, a new frontier reasoning model from Chinese AI startup DeepSeek. It has gained global attention for its advanced reasoning capabilities and cost-efficient training method. While its performance rivals state-of-the-art models like **OpenAI o1**, our security assessment reveals **critical safety flaws**.

Using **algorithmic jailbreaking techniques**, our team applied an **automated attack methodology** on DeepSeek R1 which tested it against 50 random prompts from the **HarmBench dataset**. These covered **six categories of harmful behaviors** including cybercrime, misinformation, illegal activities, and general harm.

The results were alarming: **DeepSeek R1 exhibited a 100% attack success rate,** meaning it failed to block a single harmful prompt. This contrasts starkly with other leading models, which demonstrated at least partial resistance.

We Can Help You Wherever You Are

Hybrid Mesh Firewall

- Network Segmentation
- Macro & Micro Segmentation
- AI Security
- Threat Detection & Exploit Protection

Universal ZTNA

- Zero Trust Network Access
- Secure Connectivity (SASE)
- Security First Identity
- Secure Internet & AI Access

SOC of The Future

- Network Detection and Response
- Ransomware and Cyber Attack Detection and Prevention
- Multi-Domain Correlation
- Data Retention Compliance

86,000+ employees across 80+ countries

Why do our customers choose us?

Innovation, trust, global reach

Děkuji za pozornost