CISCO Connect

Accelerate Your Journey to the Agentic Enterprise

With Splunk

Craig Hyde
Field CTO



September 30, 2026

Forward-looking statements

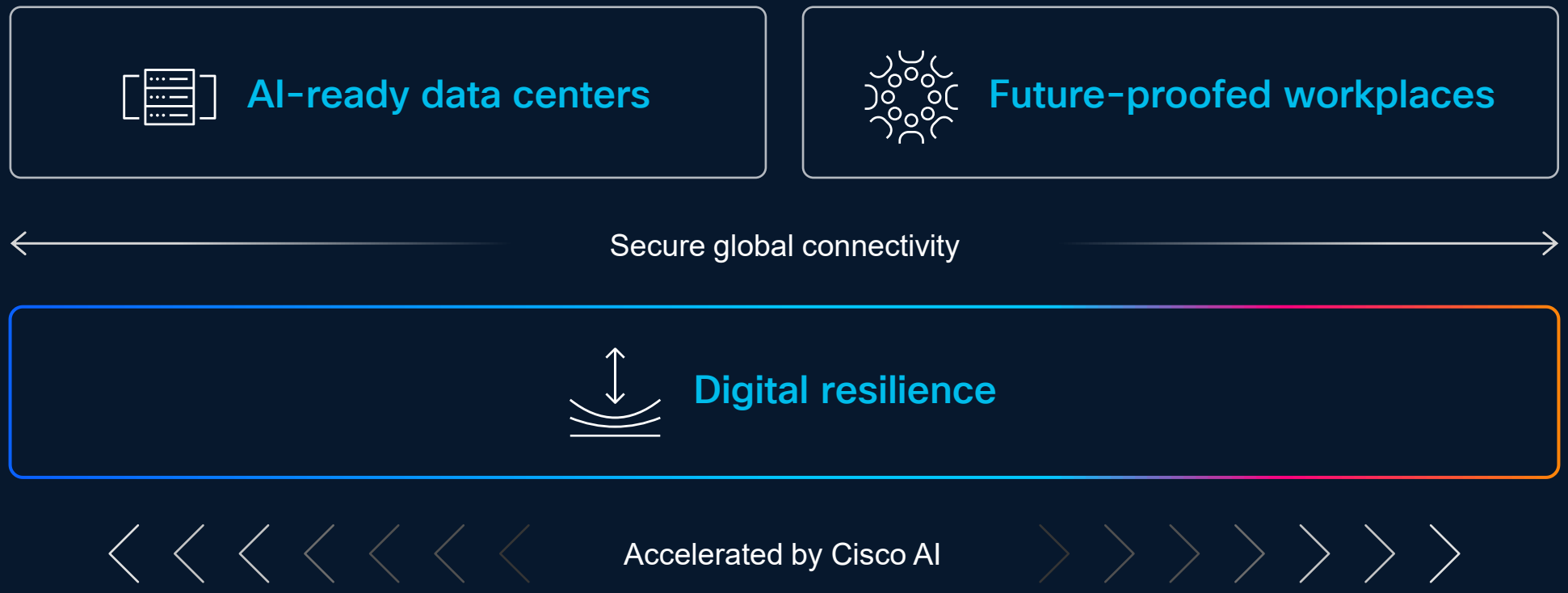
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Cisco powers how people and technology work together across the physical and digital worlds



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We stand on the brink of an **AI-driven enterprise transformation**

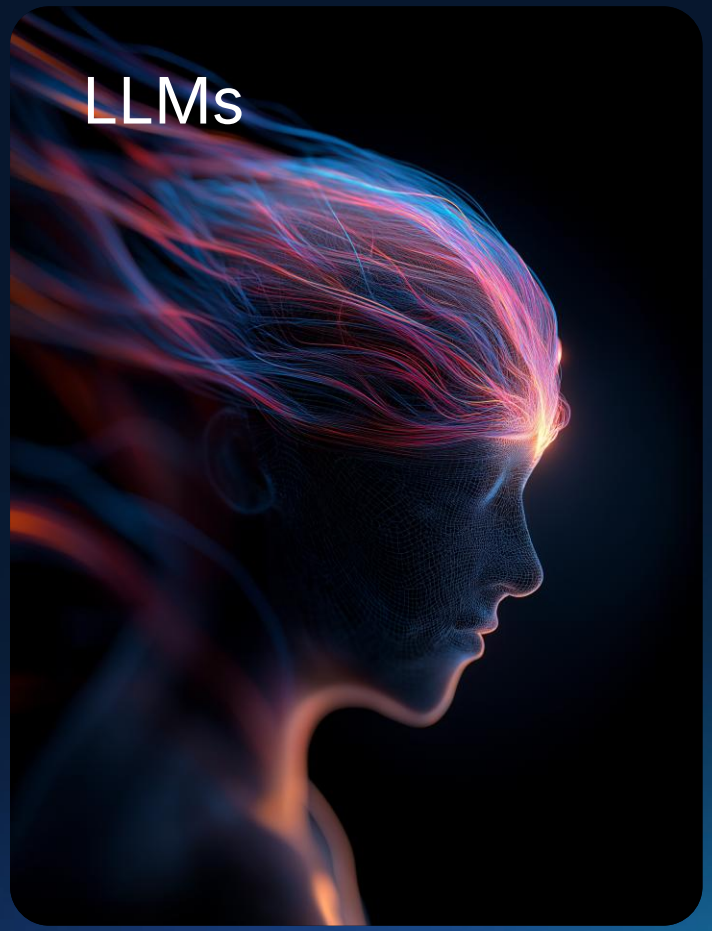
>60%

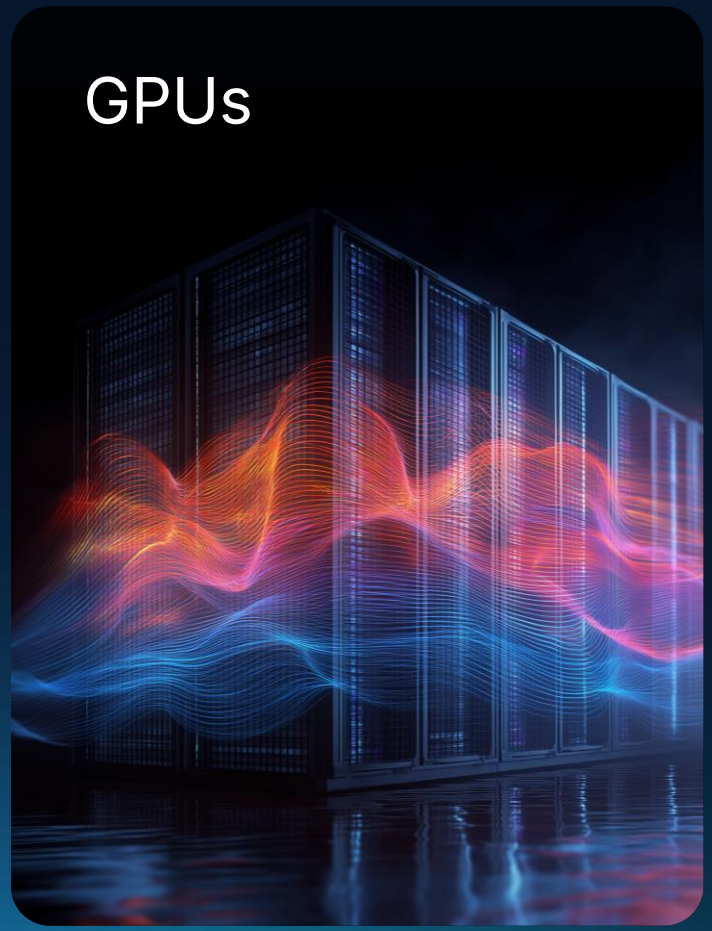
have active agentic pilots today

1.3 billion

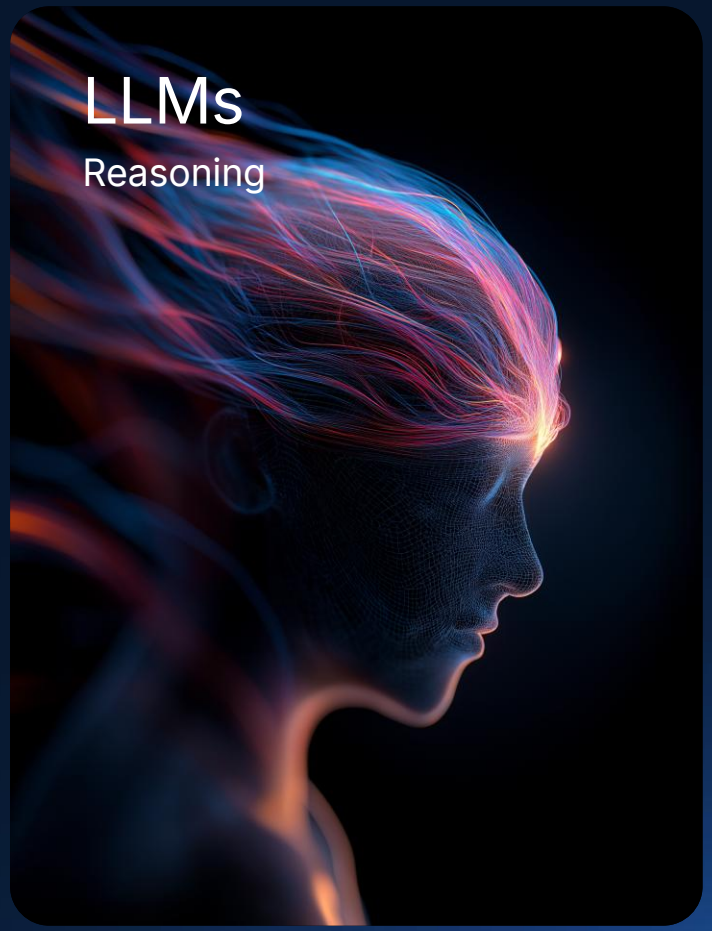
agents expected to be in operation by 2028

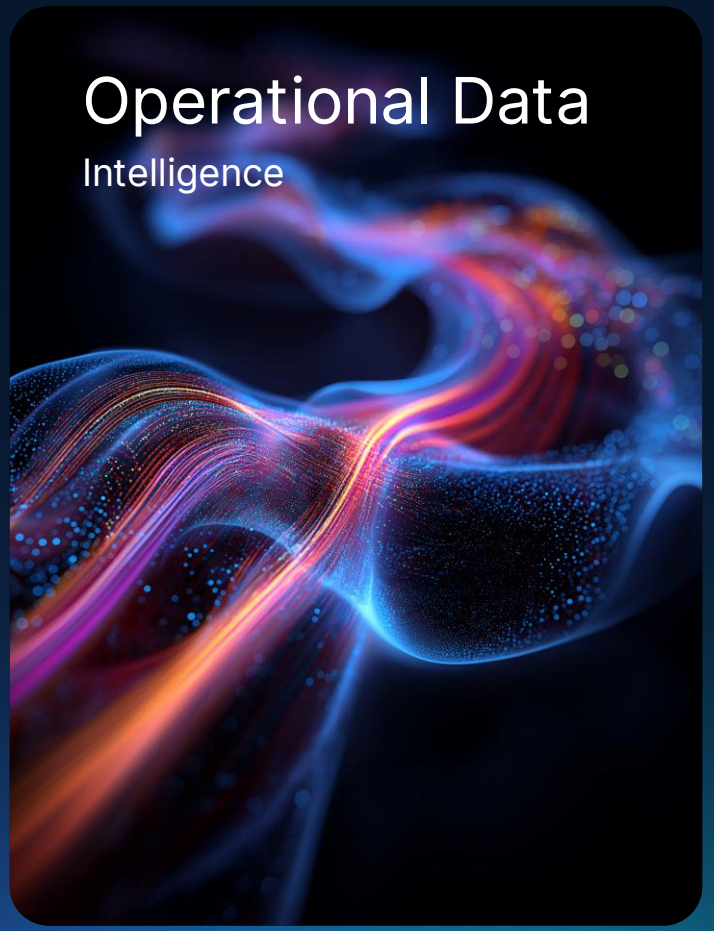
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Imagery generated by AI.

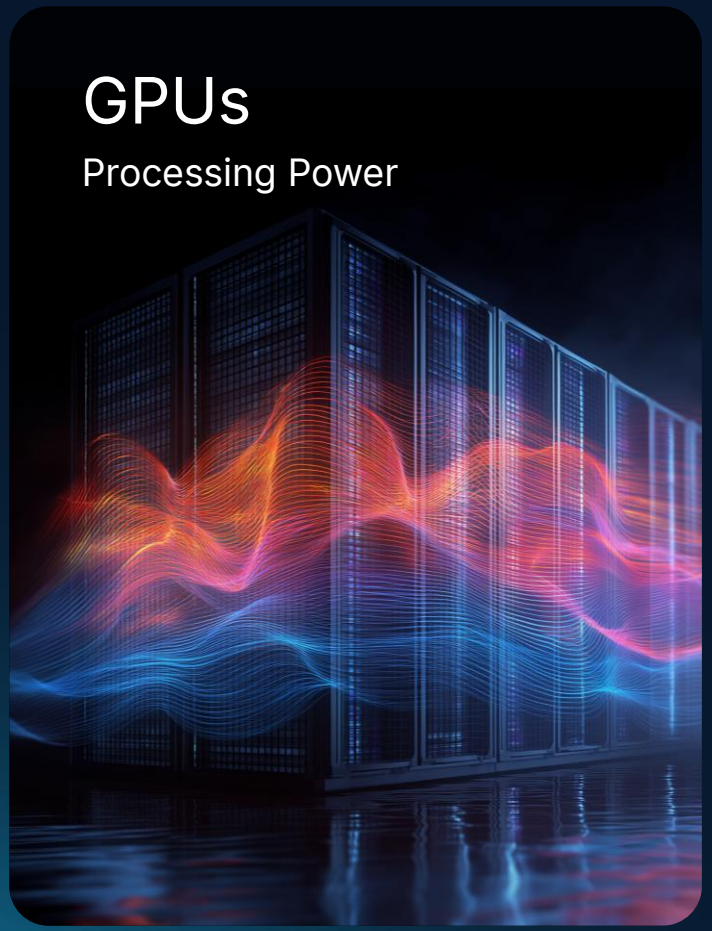




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Digital Resilience is a $400B problem

Rapid Data Explosion

Data volume will reach 390+ zettabytes by 2028 and 55% will be machine generated.

Context Gap

Only 34% of organizations have clean centralized data with real time integration for AI agents.

Trust and Governance Gap

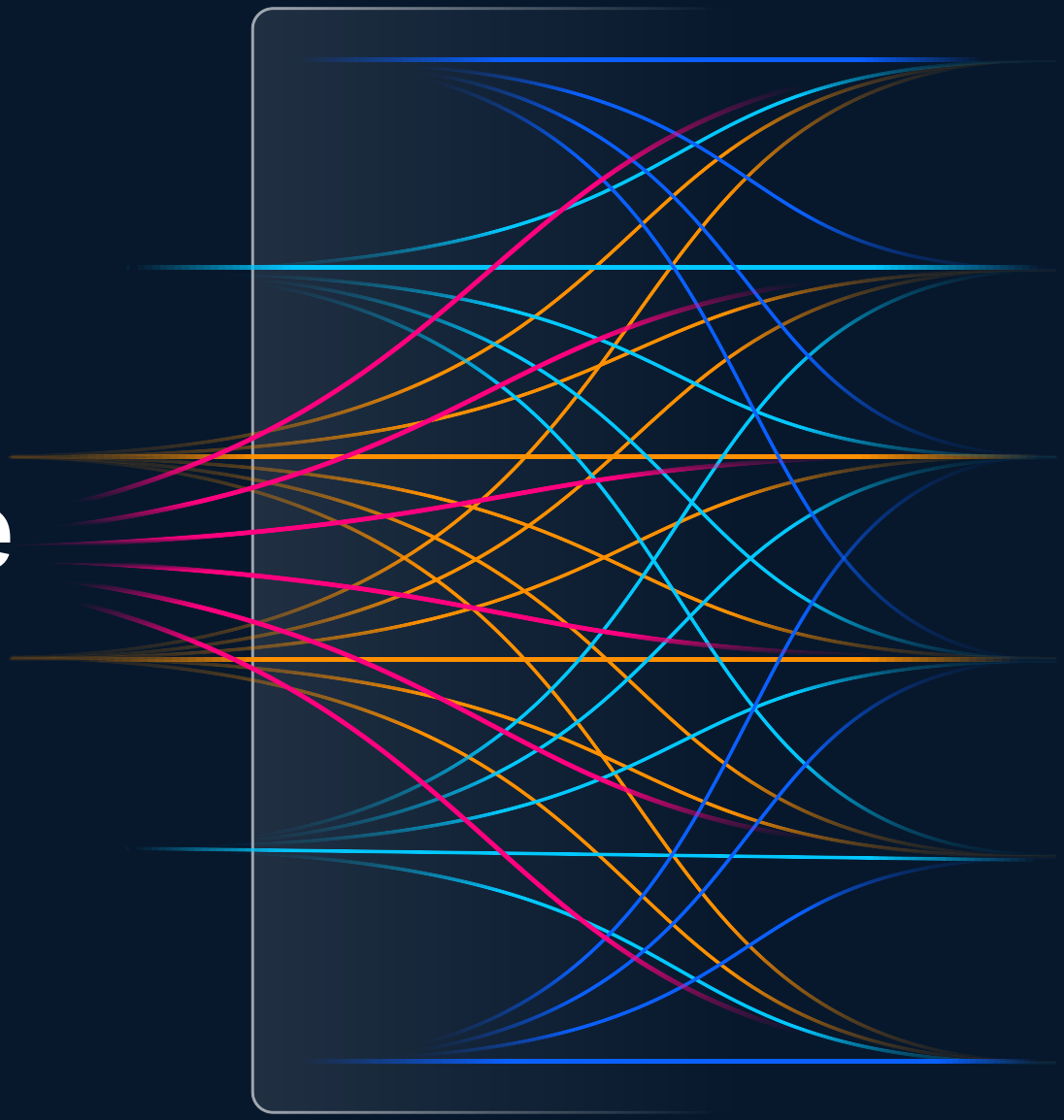
Only 24% of organizations have implemented guardrails and live monitoring to govern AI.

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The Resilience Paradox

More AI.
More Complexity.



NetOps
Maintain SLAs +
Reduce Outages

ITOps
Prevent Degradation + Improve Uptime

BizOps
Protect Revenue

SecOps
Detect, Contain and Reduce Risk

Observability
Improve Digital Experiences

Trust in AI
Making Agents Safe and Auditable

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If AI can’t see all your data,

how can you **trust** it to make good decisions?



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Cisco Data Fabric powered by the Splunk Platform

The System of Record and Intelligence Layer of the Agentic Enterprise

Data

Unify Data and Insights at Scale for Faster, Safer AI

- Manage data at petabyte scale
- Land all data economically
- Tier data by use case

Context

Fuel Intelligence with Contextualized Machine Data

- Catalog your enterprise
- Correlate relationships
- Surface insights

Action

Activate the Agentic Enterprise to Move From Reactive to Predictive

- Deploy agentic operations
- Connect your agents
- Build proprietary AI

Trust & Governance

Open & Extensible

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Delivering impactful customer outcomes



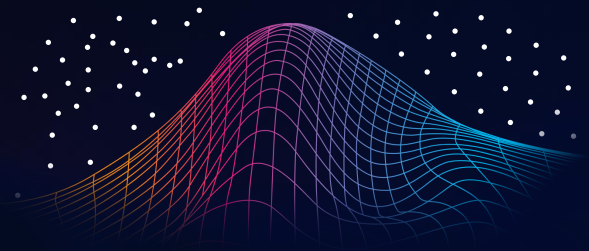
1. UNIFY

data and insights at scale
for faster, safer AI



2. FUEL

intelligence with
contextualized machine data



3. ACTIVATE

agentic operations to move
from reactive to predictive

AUTODESK

Data filtering and optimization capabilities are helping Hyatt cost effectively grow data visibility and **reduce mean time to resolution (MTTR) from hours to real time.**

ARGOS

Splunk AITK helped build custom AI models to process and analyze data locally using a digital twin without relying on constant internet access **resulting in $10M+ in savings.**

REPAY
Realtime Electronic Payments

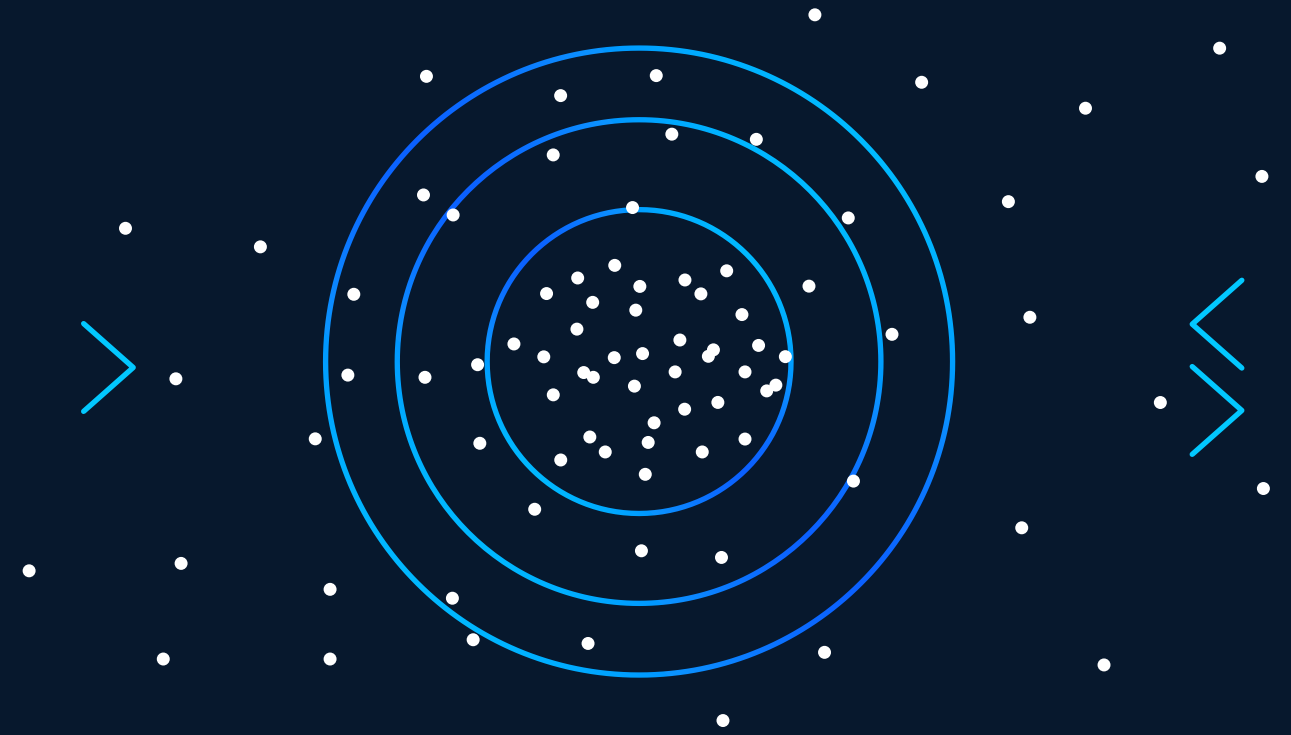
With the AI assistant in Observability Cloud, they were able to identify issues faster with a deeper understanding helping to **slash incident triage times by 50%.**

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1. Unify data & insights at scale for faster, safer AI

Any data, anywhere it lives, in the Cloud or On-Premises



Cross Domain Intelligence across the Agentic Enterprise

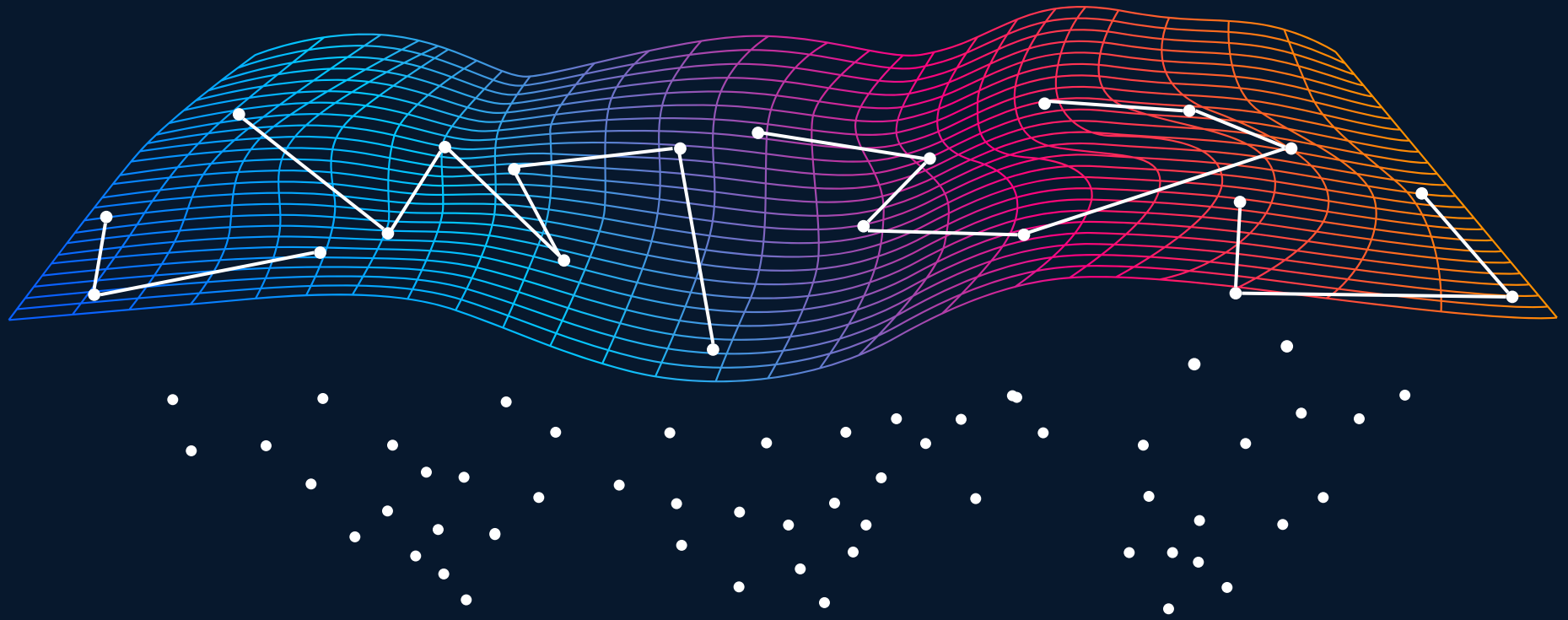
Unify cross-domain data for rapid value

Power AI with scalable, trusted information

Speed decisions by analyzing data where it lives

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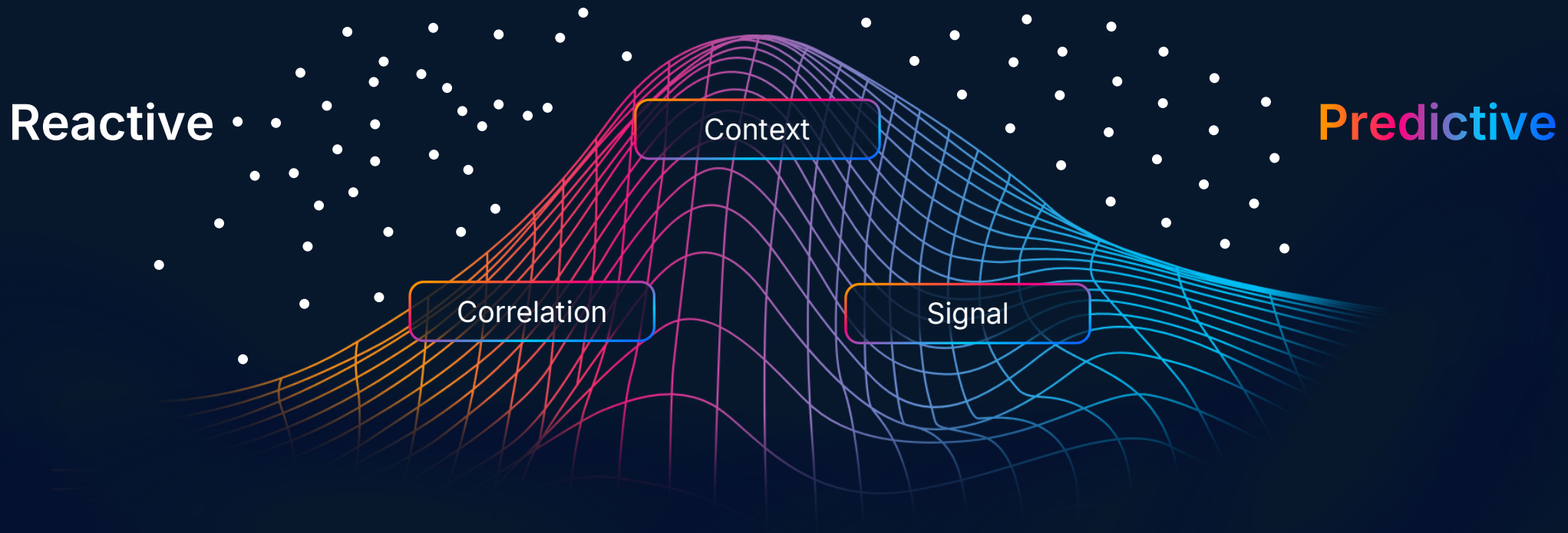
2. Fuel AgenticOps with contextualized machine data



Turn machine data into **real-time operational truth**
that agentic AI can act on accurately, at scale.

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3. Activate agentic workflows to move from reactive to predictive



Anticipate issues to protect customer experience

Accelerate resolution with guided, confident decisions

Automate with guardrails to focus on driving innovation

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Your Single Control Plane Across Domains

Cisco Data Fabric powered by Splunk

The Intelligence Layer of the Agentic Enterprise



SecOps

Mitigate cyber risk & secure AI adoption

Leader: Gartner® Magic Quadrant™ for SIEM (11 Times in a Row)



ITOps & Engineering

Monitor and mitigate from silicon to agent

Leader: Gartner® Magic Quadrant™ for Observability Platforms (3 Times in a Row)



NetOps

Unify network telemetry and context to reduce MTTx

Leader: Magic Quadrant for SD-WAN (6 times in a row)

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splunk>
a cisco company

Accelerate Your Journey to the Agentic Enterprise **with Splunk**

Foundational

Optimized AI-ready Data Foundation

End silos and govern telemetry so AI decisions are accurate, auditable and reliable.

Augmented

Faster, Democratized Expertise

Contextual assistants empowering more people to answer the why, without specialist knowledge.

Agentic

Orchestrated Action at Scale

Supervised agents to execute repeatable playbooks at scale cutting time to resolution and operational toil.

Innovative

Build a Proprietary AI Advantage

Train custom models to unlock unique, hard to replicate business outcomes.

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CISCO Connect

Thank you



Unlocking data value and solving limitless use cases

Monitor, investigate and respond rapidly at scale with comprehensive visibility and shared tooling across SecOps, ITOps, NetOps, and Engineering.

3K+
apps & add-ons on Splunkbase

1K+
purpose built data source integrations

8B
monthly searches



Flexible deployment options

End-to-end data management

Scalable index and storage

Powerful search and visualization

Expanded view with federated analytics

Unlock new opportunities with AI

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It starts with optimizing data & value for specific use cases

High Performance

Prevention, Detection, Monitoring

Search & analytics for highest performance with configurable data retention

Performance at Cost

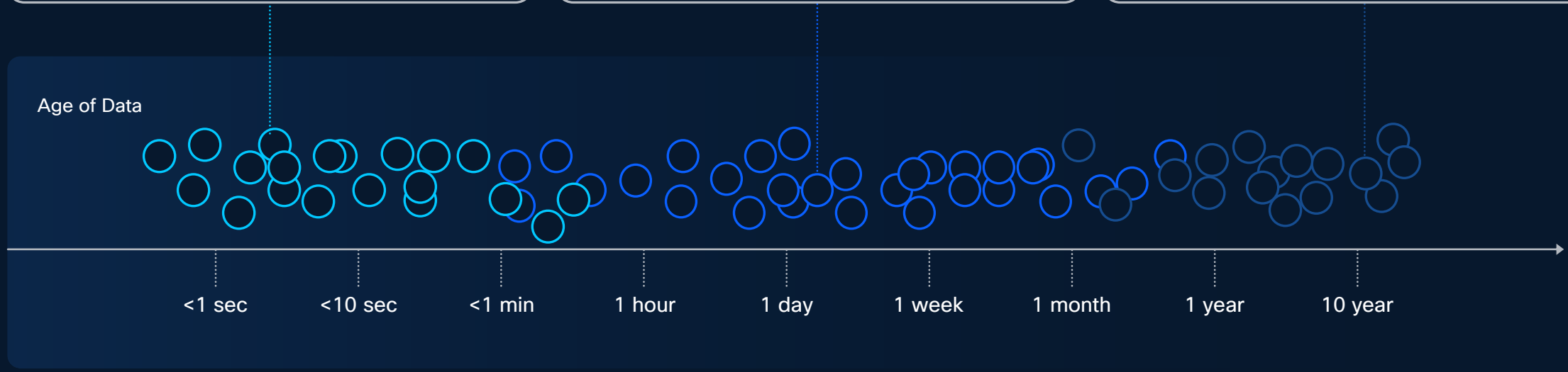
Incident Investigation, Threat Hunting

Federation for performance on data <30 days, subject to data lake latency

Compliance

Audit, Forensics, Compliance

Federation for less performant scanning of archived & long term data



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Alpha

AI-powered Data Management

Transforming Data Onboarding, Processing & Monitoring

Guided Onboarding
Simplifies platform configuration with AI-powered, best-practice architectural guidance

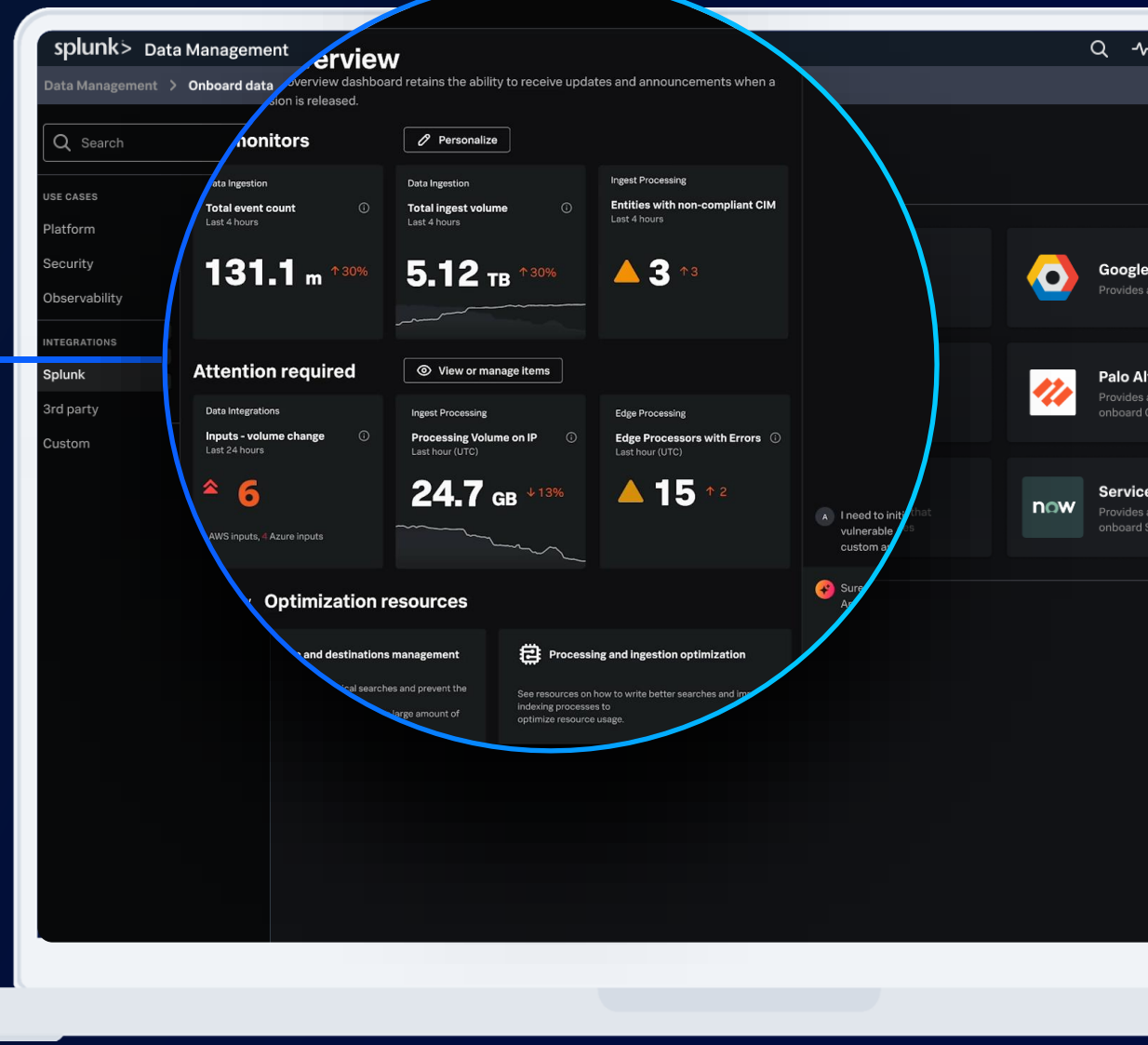
Automated Field Extraction

Replaces manual, error-prone regex tasks with AI-driven, intelligent log classification and field extraction

Auto Schematization

Accelerates security operations by leveraging LLMs for automatic CIM-compliant, analytics-ready data normalization

Self-Healing Pipelines
Ensures continuous data integrity through automated monitoring, diagnosis, and self-repair.

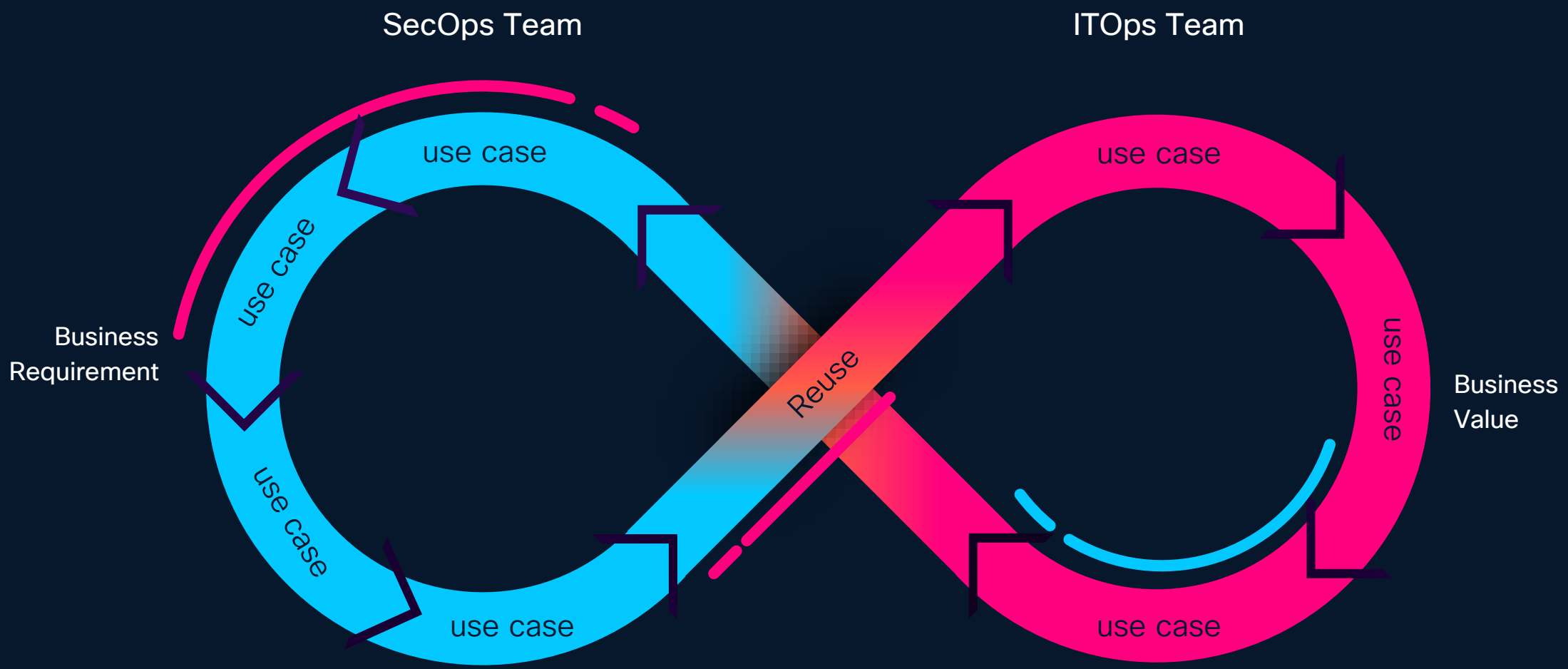


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For Splunk Cloud Platform and Splunk Enterprise
Product names in Alpha and Beta subject to change before GA.

Streamline access, insights and costs

One data source, cross-domain to enhance resilience



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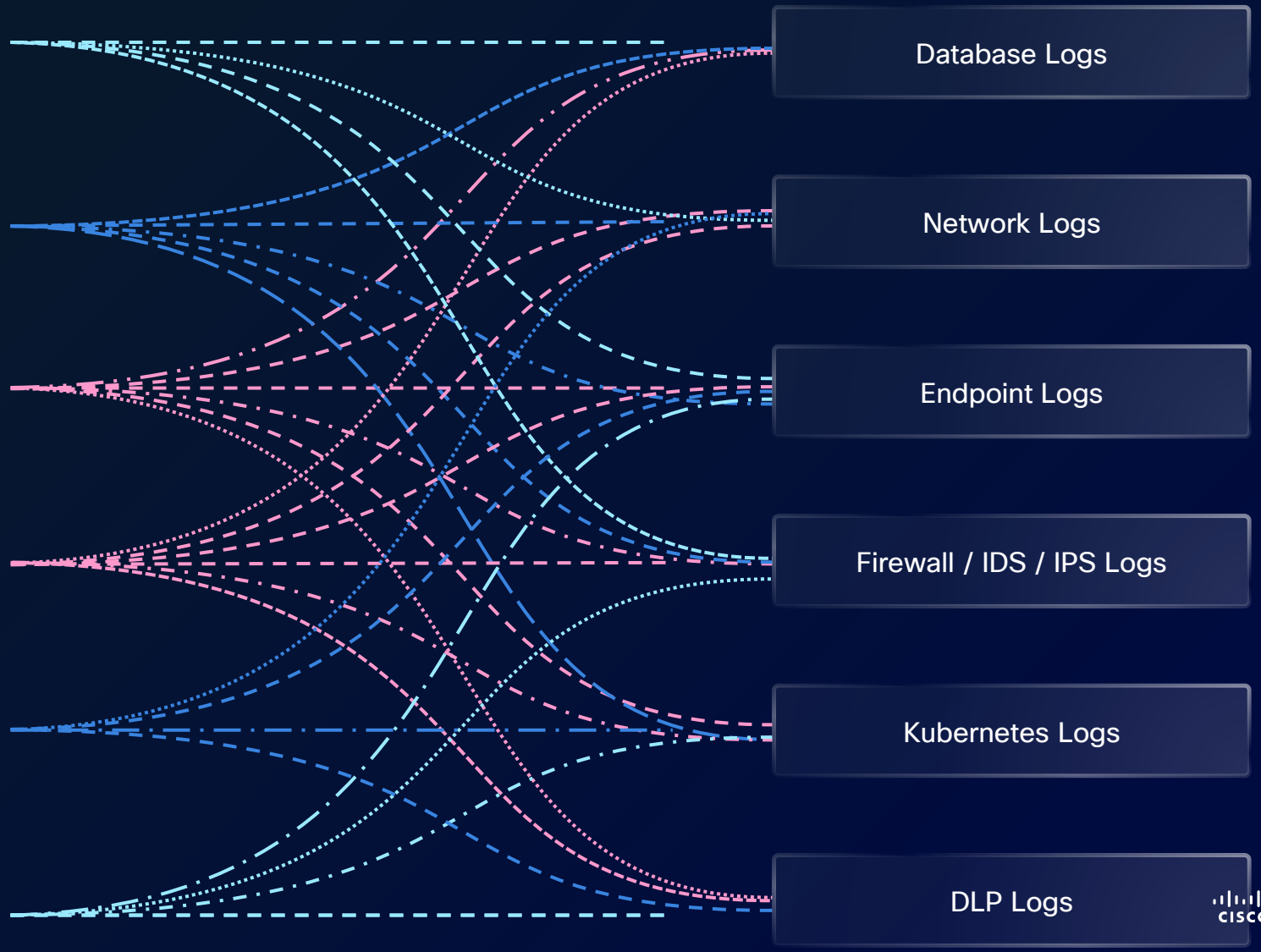
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Transform raw logs into analytics-ready data in minutes

Automated Schematization

Alpha

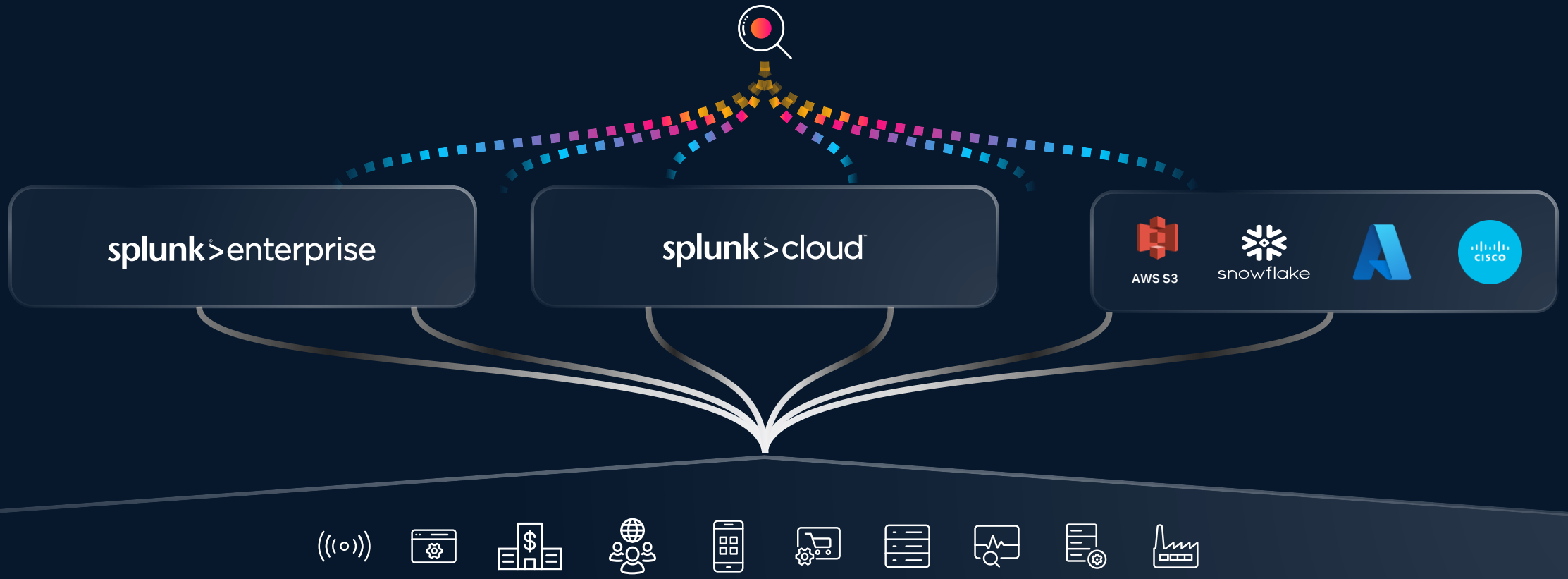
- Accelerated Time-to-Value
- Lowered Skill Barrier
- Ensured Consistency & Quality



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Federated search: breaking down data silos

Bring the power of Splunk search and analytics to wherever the data resides



Breaking down data silos for a unified view

Gain real-time insights for distributed data without the pain, cost, or delay of data movement.

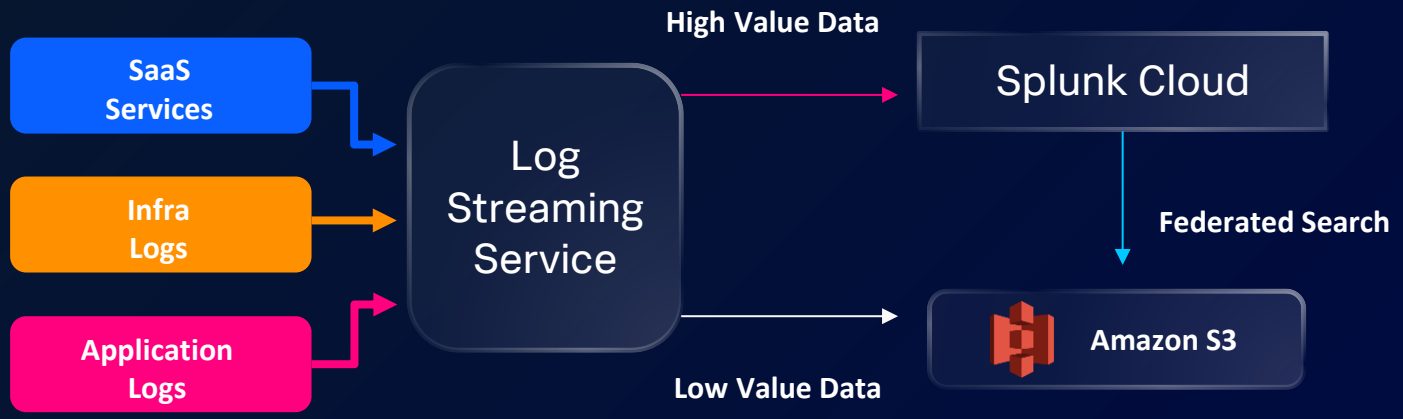
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Federated Search for S3

Search your Amazon S3 at rest directly from Splunk

- Federated Search for Amazon S3 allows you to directly search the data in your S3 buckets from the Splunk® Cloud Platform
- Supporting both ad-hoc based security investigations, reporting and alerting through scheduled searches
- Removing the cost and complexity of ingesting the data



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Demo:

Machine data lake

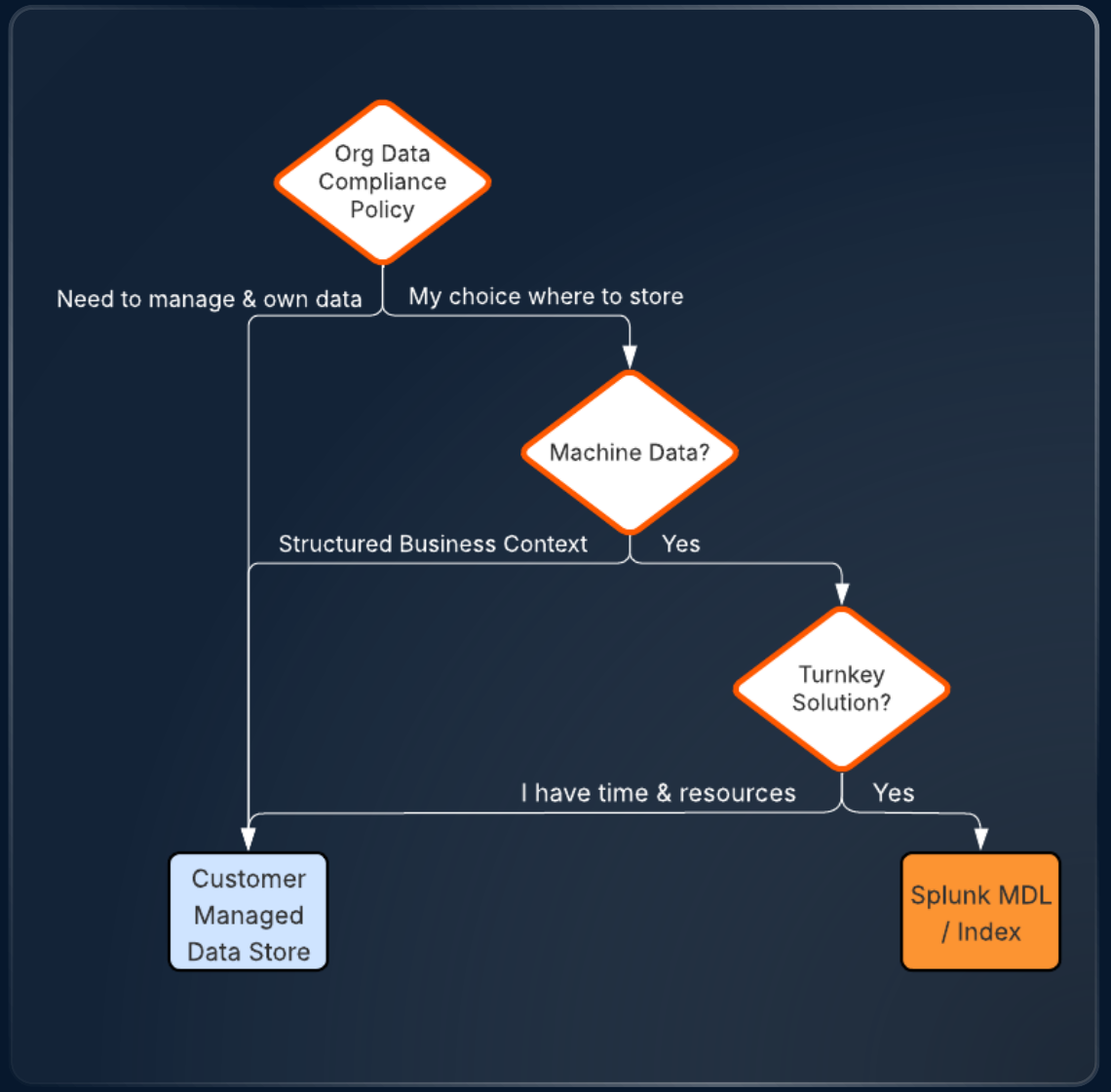
➢ ADDITIONAL DEMOS



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Machine Data Lake and Federation: flexibility for your data strategy

- Flexible data access for seamless access to the right data at the right time, tailored to your needs
- Centralized governance and cataloging ensures data quality, compliance and easy discoverability
- Scalable data strategy by driving innovation with flexibility and minimal engineering effort



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Dashboards & Visualizations

Transforming Data into Action

Turning Raw Data into Insight: Converts unstructured logs and raw events into meaningful, actionable visualizations.

Dynamic Schema-on-Read: Splunk allows users to visualize data dynamically by adjusting SPL, providing unparalleled flexibility.

Unified Source of Truth: A single dashboard serves everyone—from executives viewing high-level status to engineers performing deep-dive investigations.

Enhanced Collaboration: Enables cross-functional teams to align on the same data, reducing silos and accelerating incident response.



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Platform AI Tools
Models and pipeline tools integration

Foundation Models

- Splunk hosted models
- 3rd party LLM integrations
- Self-hosted model support – Ollama
- Integration to Splunk Search

AgenticOps

- RAG Vector DB/ Knowledge bases
- Unified Splunk MCP server
- External MCP integrations

Predictive ML

- Hundreds of built-in ML algorithms
- Multivariate support
- External model support via-
  - ONNX
  - AWS SageMaker
  - DSDL containers

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Hosted AI Models
Four available models (with more to come)

Cisco DeepTime Series

- Zero-shot forecasting
- Multi-resolution for short and long term forecasts

Foundation AI Security

- Foundation-sec-1.1-8b-instruct
- Trained and optimized for security context and workflows

GPT-OSS 120B

- Large MoE model ~117B parameters
- Complex reasoning, coding, analysis

GPT-OSS 20B

- Small MoE model ~21B parameters
- Optimized for speed

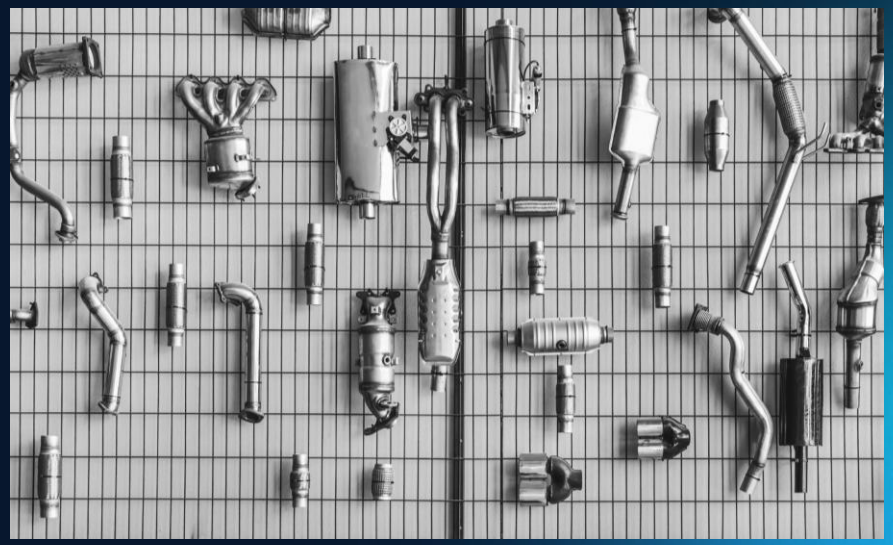
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Continental revs up Security, efficiency and innovation with Splunk

2000
servers monitored daily

3–5
days to deliver a new application out-of-the-box

24/7
proactive monitoring and issue correction





“The Splunk platform helps us monitor performance for every machine and technology so we can pinpoint the root cause of an issue, fix problems faster and help people do their jobs better.”

–Fernando Ulises Mérito del Campo
Head of Big Data and AI Center of Competence for the Americas Region, Continental

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Fannie Mae protects the housing finance system with Splunk

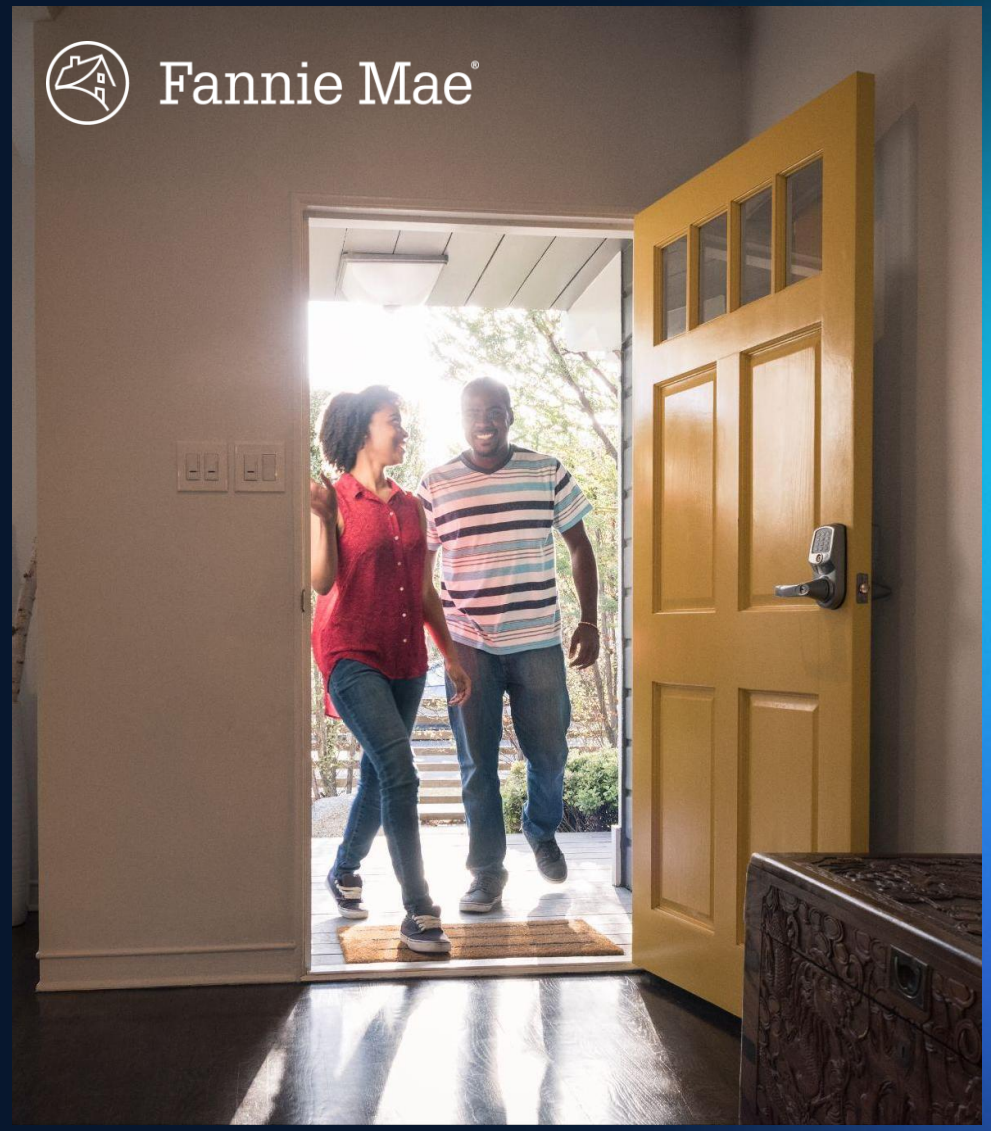
Greater efficiencies due to unified monitoring capabilities

Faster MTTR thanks to real-time insights

Increased ability to comply with regulatory mandates

“Using Splunk, we now have a greater view of our ecosystem to help ensure that each transaction that goes through Fannie Mae can be traced and monitored from start to finish.”

–Nimesh Bernard
Senior Director, Enterprise Observability Applications, Fannie Mae



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A leading university uses Edge Processor to streamline efficiency

2X
Data Flow Performance

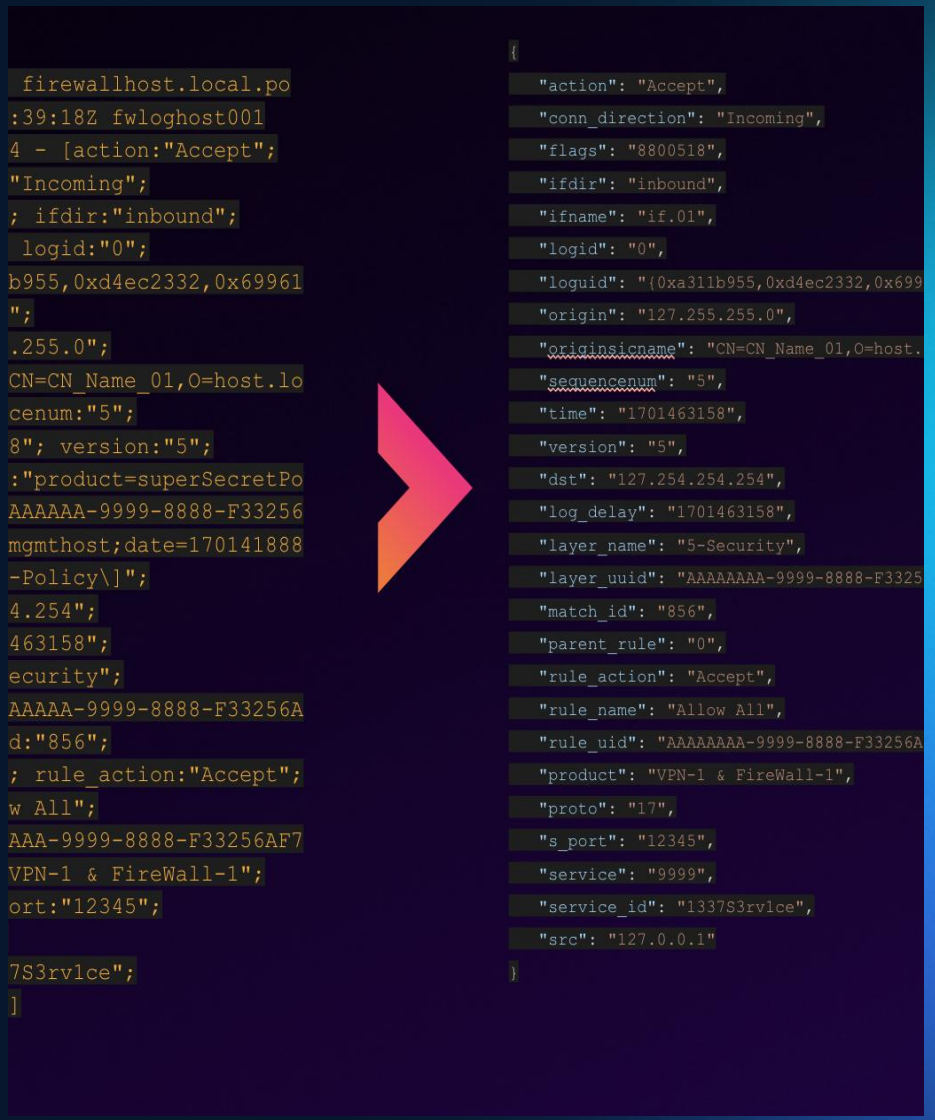
98%
Reduction in firewall log volume

100%
Self maintained, no upgrade needed

- Optimize Data Flow: Send all on-prem data feeds through Edge Processor to Splunk Cloud
- Filter Firewall Logs: Manage and control log volume and resource utilization

“Edge Processor is a lightweight, self-maintaining, easy-to-use data management solution that has already helped reduce 98% of our firewall logs.”

-Anonymous Security Team



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Travelport Lands Exceptional Customer Experience

- Achieved **full visibility** across entire environment, gaining a comprehensive understanding of its critical apps and services
- **75% reduction in MTTD** enabling the company to exceed its uptime goal and deliver a better user experience
- **95% reduction in false positives** by correlating alerts to a product's health

"We wouldn't have been able to correlate alerts to a product's health, and in turn, reduce false positives by 95%, without our Assigned Expert's deep product knowledge and their ability to get in the weeds and essentially 'mold' the Splunk stack to fit our technical environment and requirements."

– Ed Hubbard
Director of Site Reliability and Monitoring, Travelport



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