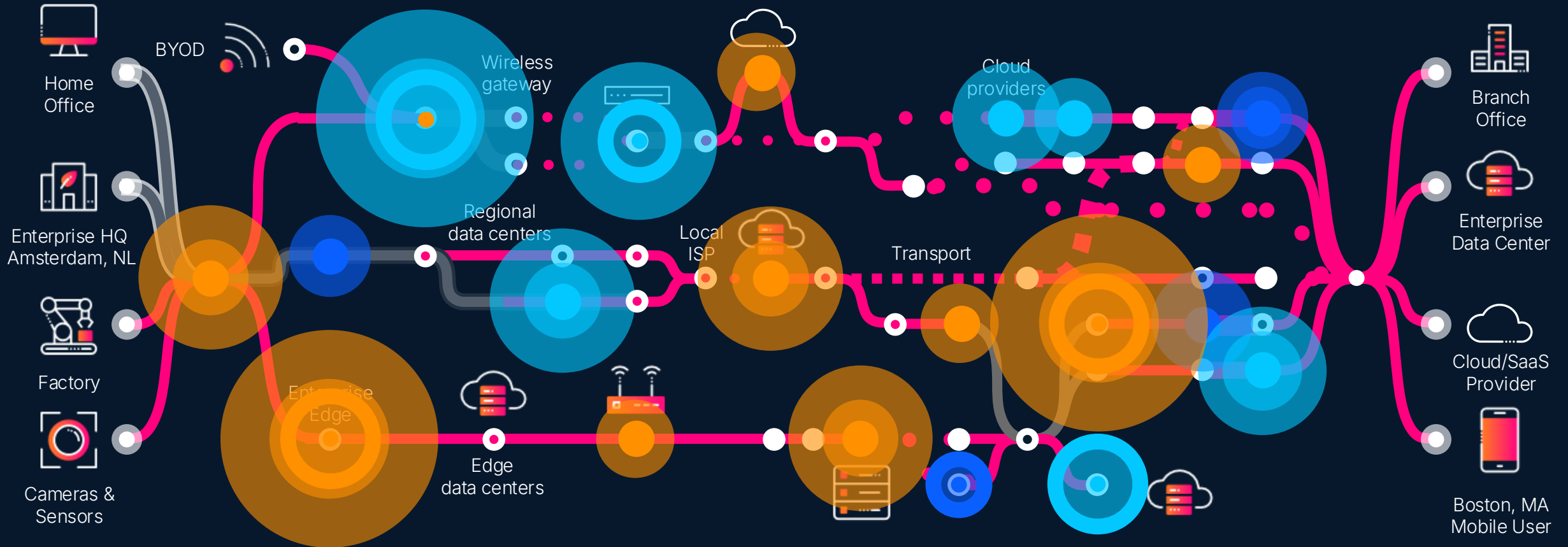


Building Digital Resilience in the Agentic AI Era

Get ahead of issues and minimize business impact



Digital Complexity is Exploding



AI is Raising the Stakes

Yesterday

Deterministic apps

Predictable behavior

Manual troubleshooting

Golden signals (latency, errors)

Today

Agentic AI apps

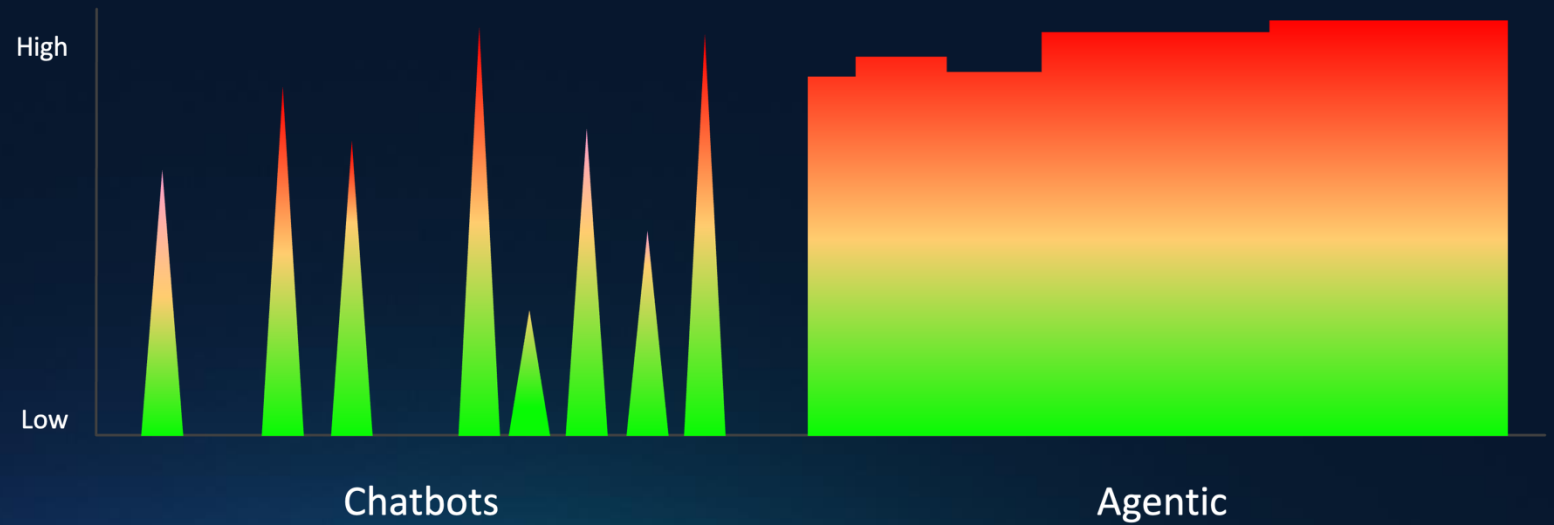
Unpredictable, probabilistic
outputs

AI-assisted, autonomous
response

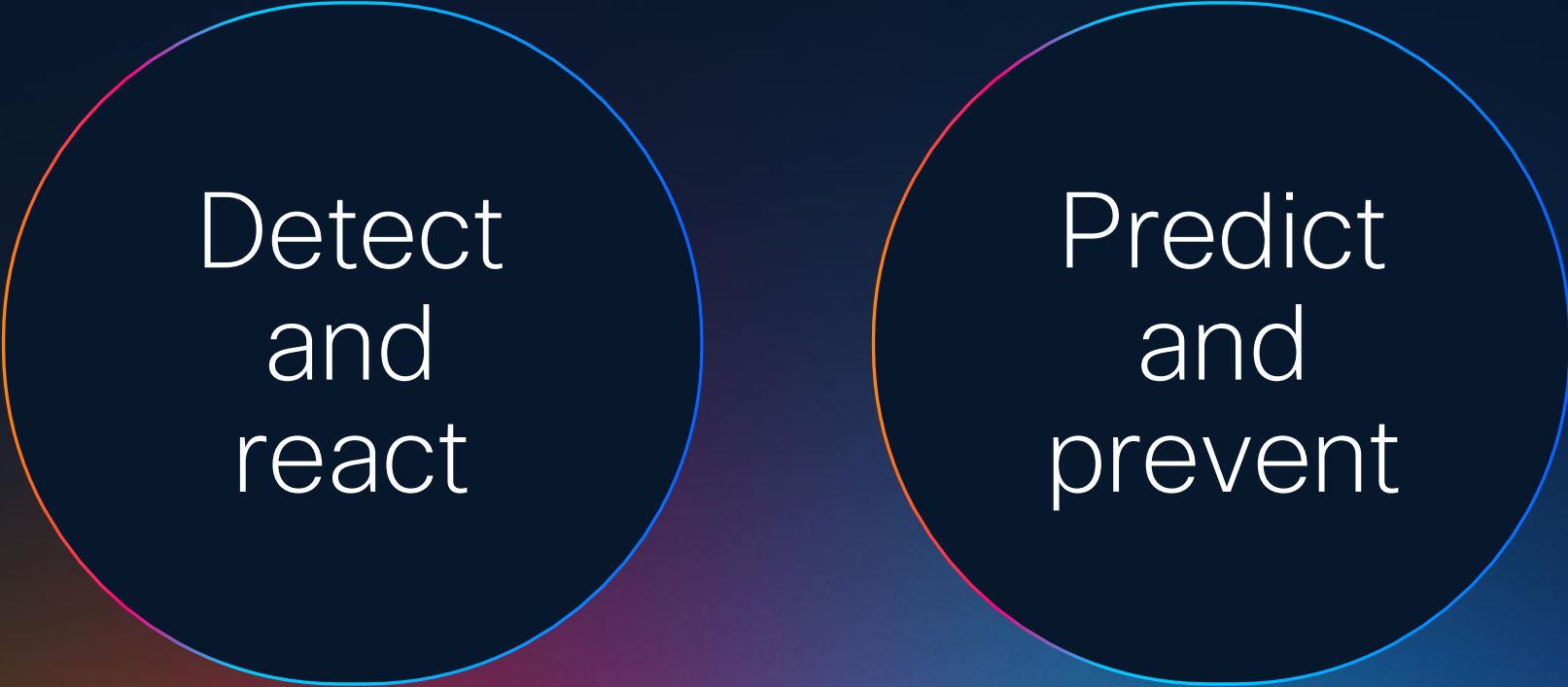
New signals (quality, cost,
alignment)

Inference demand

Power | Compute | Networking



Digital resilience **must** evolve



Detect
and
react

Predict
and
prevent

Splunk is your **platform for resilience** in the AI Era

Enabling AgenticOps for the Enterprise

Security | Observability | Networking Ops | Custom

Machine Data at
Ludicrous Scale

Data Complexity
Beyond Human
Cognition

AI-Driven
Predictive
Experiences

Trust in AI

Cisco Data Fabric



Data
Management



Machine Data
Lake



Federation



Native AI
Experiences

Network
detections

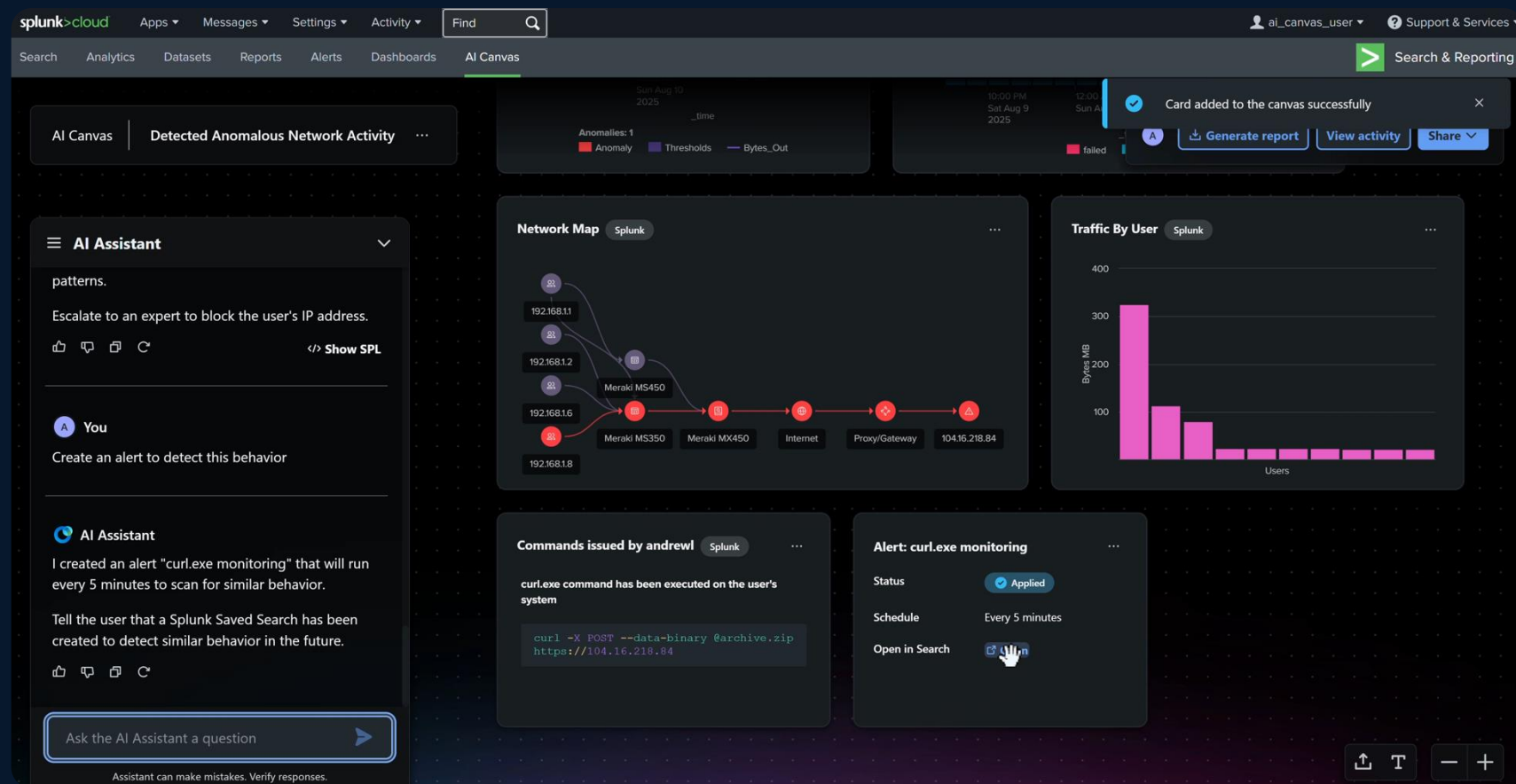
Security
detections

Third
Party sources

ANNOUNCING

AI Canvas in Splunk

Data exploration, AI
insights, and team
collaboration



AI Canvas



✦
Agentic
Observability

23  8

Incidents (24h)

32 Auto-resolved

 Critical: 12  Warning: 20

Breakdown

17 Auto-detected

15 Manual rules

View

Agentic Observability

Key Requirements

Fix and prevent
with AI agents

Observe AI agents
and infrastructure

Unify observability
and show business
impact

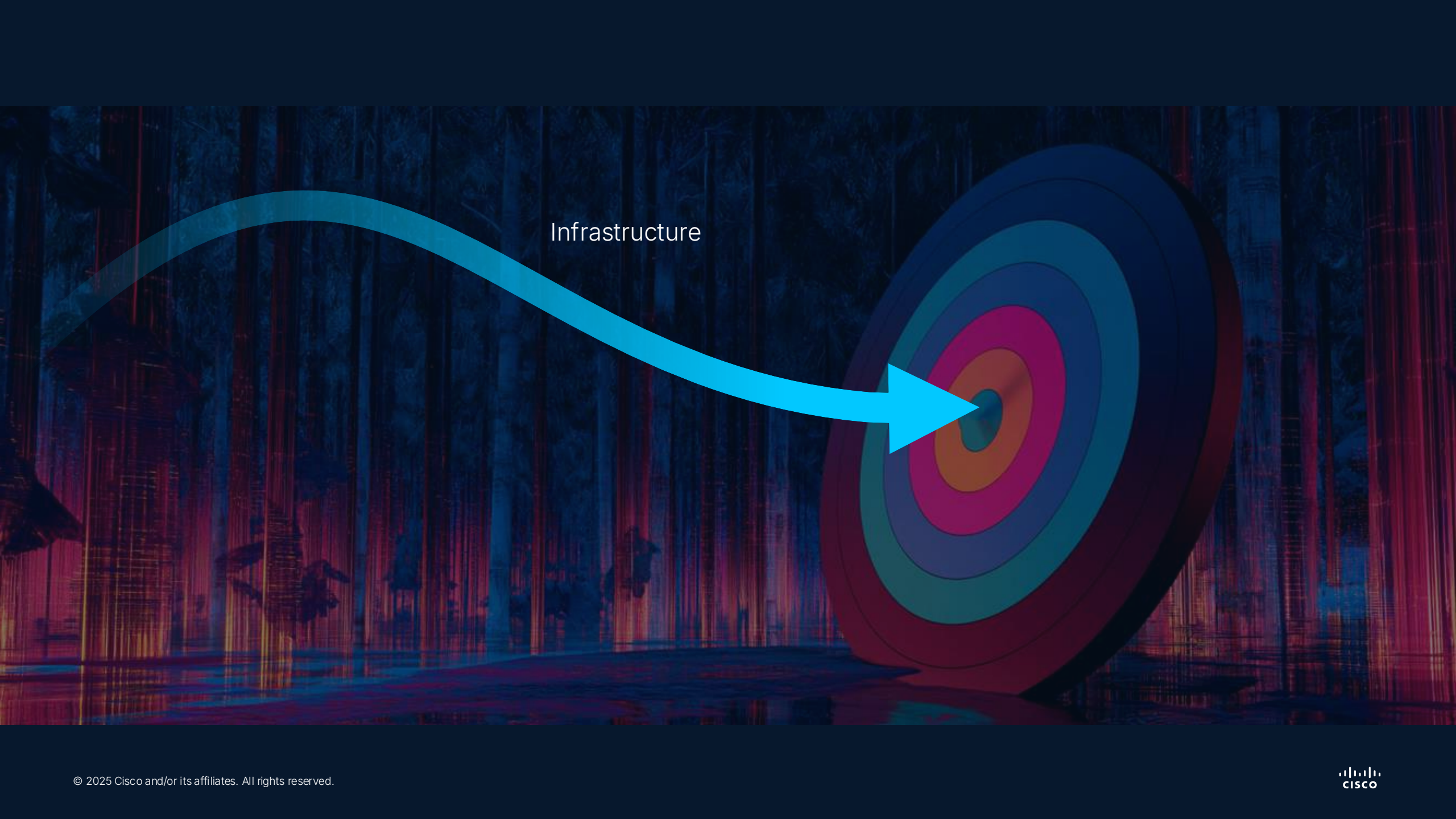


AI is rewriting the rules

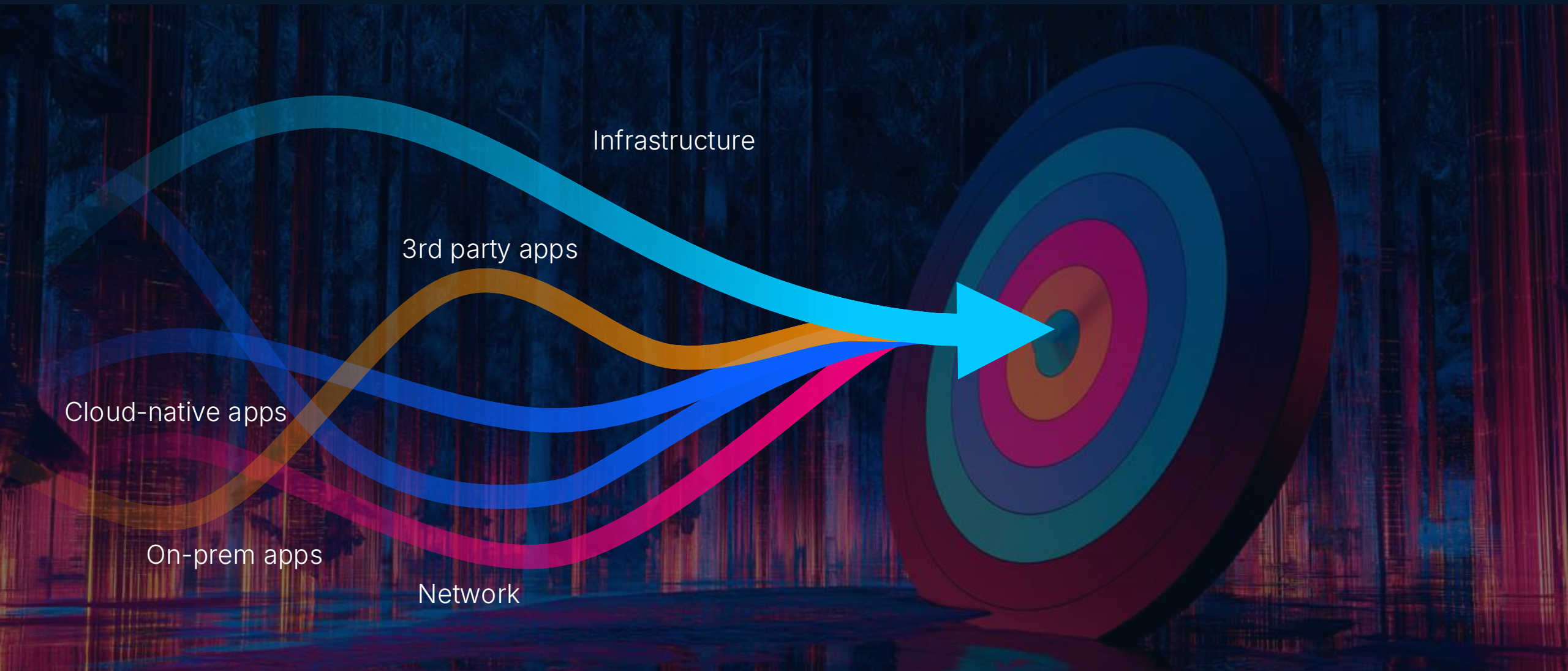
Apps can now be
written with little
human involvement

AI agents will perform basic
troubleshooting and fixes,
autonomously

AI apps require
new forms
of telemetry



Infrastructure



AI

Infrastructure

3rd party apps

Cloud-native apps

On-prem apps

Network



Agentic Observability

Key Requirements

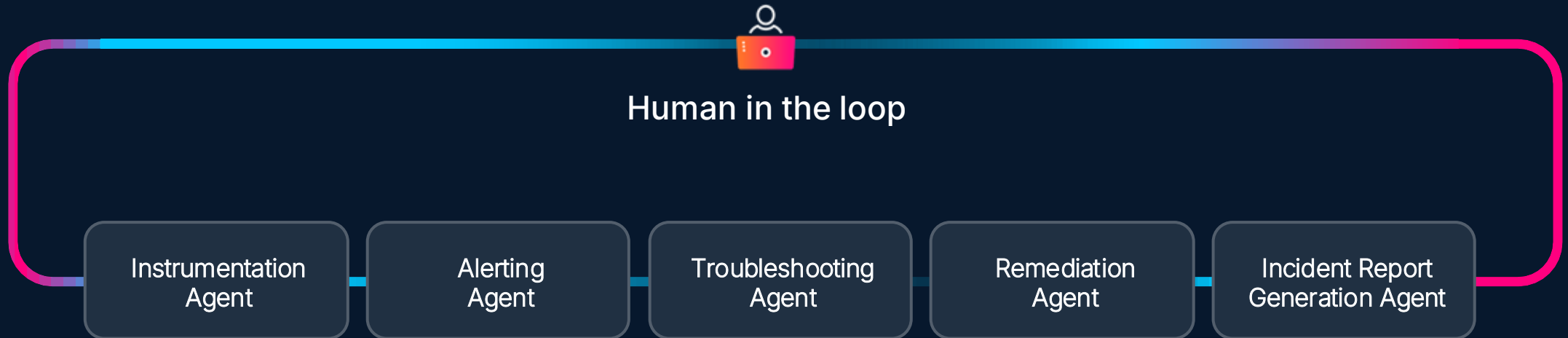
Fix and prevent
with AI agents

Observe AI agents
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impact



Fix and prevent with AI agents

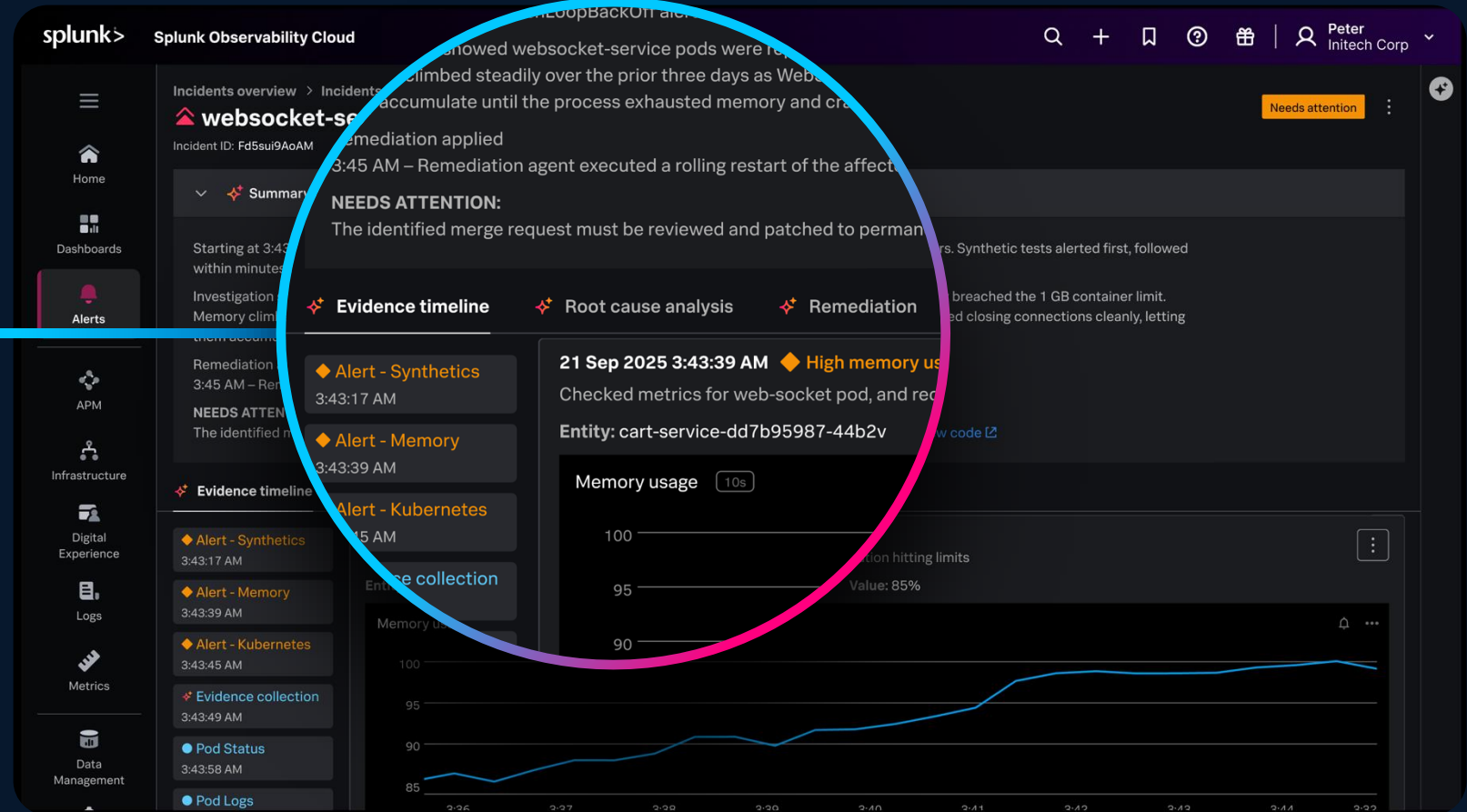


ANNOUNCING

Controlled
Availability

AI Troubleshooting Agent

- Fix issues faster with automated root cause analysis
- Reduce MTTR with AI-driven remediation
- Focus on what matters



ANNOUNCING

Splunk MCP Server with Observability Capabilities

- Bring observability AI capabilities to your AI Assistant
- Build your own agentic workflows
- Leverage guided instrumentation

The screenshot displays the Splunk MCP Server interface. At the top, a header reads "Readback tool Inv: APM environments list". Below this, a user prompt "fetch me a list of apm envs" is shown. The system's response includes a confirmation "Thought for 2s" and a status "✓ Ran get_apm_environments: o11y-localhost". It then lists the available APM environments in a table:

Environment	Link
lab0	View in Splunk O11y
lab3	View in Splunk O11y
lab1	View in Splunk O11y
gov-lab0	View in Splunk O11y
tel	View in Splunk O11y
Thought for 1s	View in Splunk O11y

Below the table, a prompt "tell me the health of the lab0 environment" is shown. The system's response includes a confirmation "Thought for 2s" and a status "✓ Ran get_services: lab0". It then lists the services running in the lab0 environment, organized by health status:

Here are the services running in the lab0 environment. I'll organize them by health status:

● Critical Health (9 services)

Service	Requests	Errors	Root Cause Errors	P90 Latency
gdi-run	12,911	6,394	6,394	4.4ms
demo-throttle-load-generator-server	266	214	214	98ms
o11y-conductor	431	90	31	6ms
notification-server	183	63	63	654ms

Agentic Observability

Key Requirements

Fix and prevent
with AI agents

Observe AI agents
and infrastructure

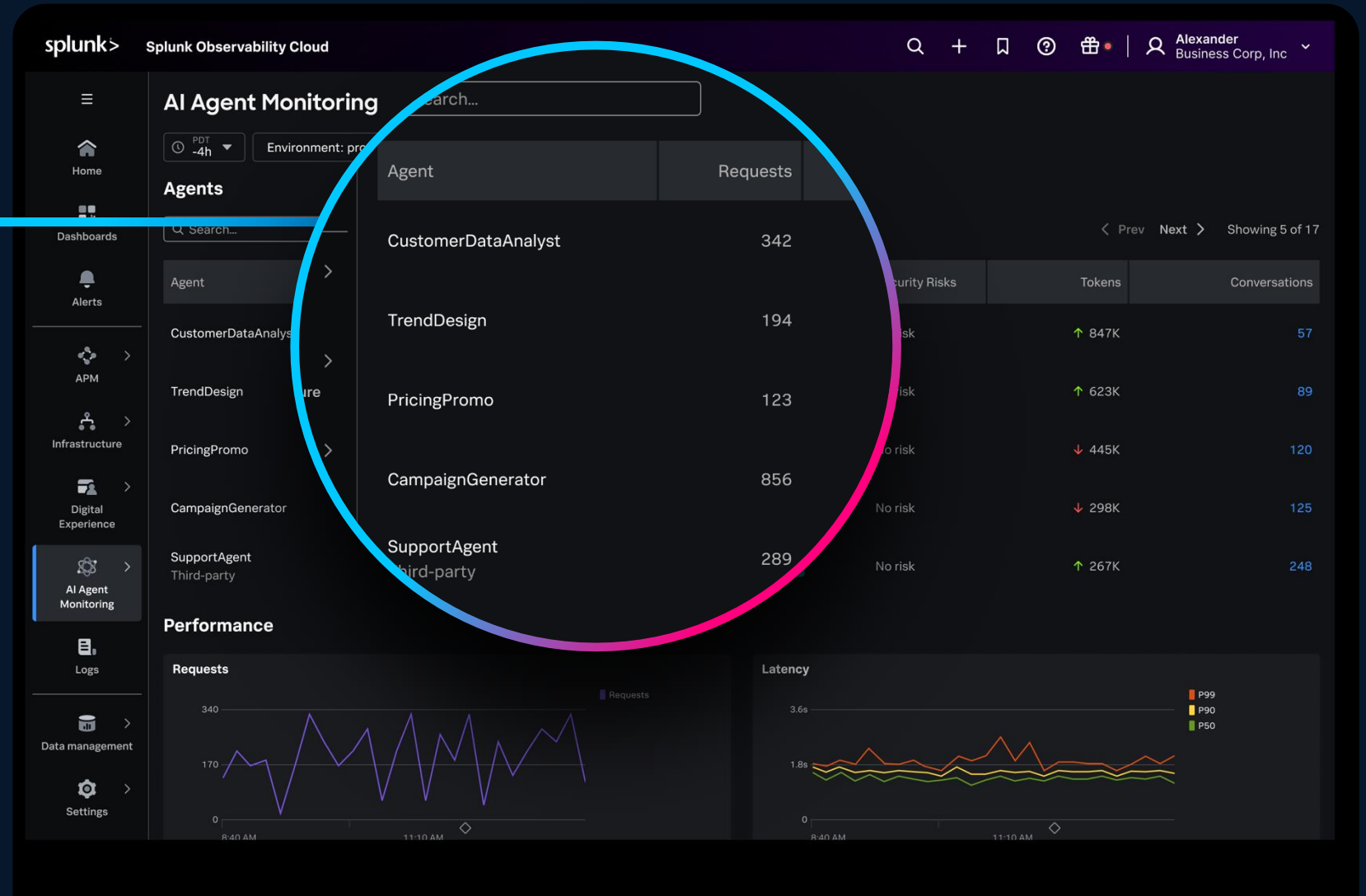
Unify observability
and show business
impact



ANNOUNCING

AI Agent Monitoring

- Pinpoint root causes
- Visualize AI components and services
- Measure and secure LLM experiences



Agentic Observability

Key Requirements

Fix and prevent
with AI agents

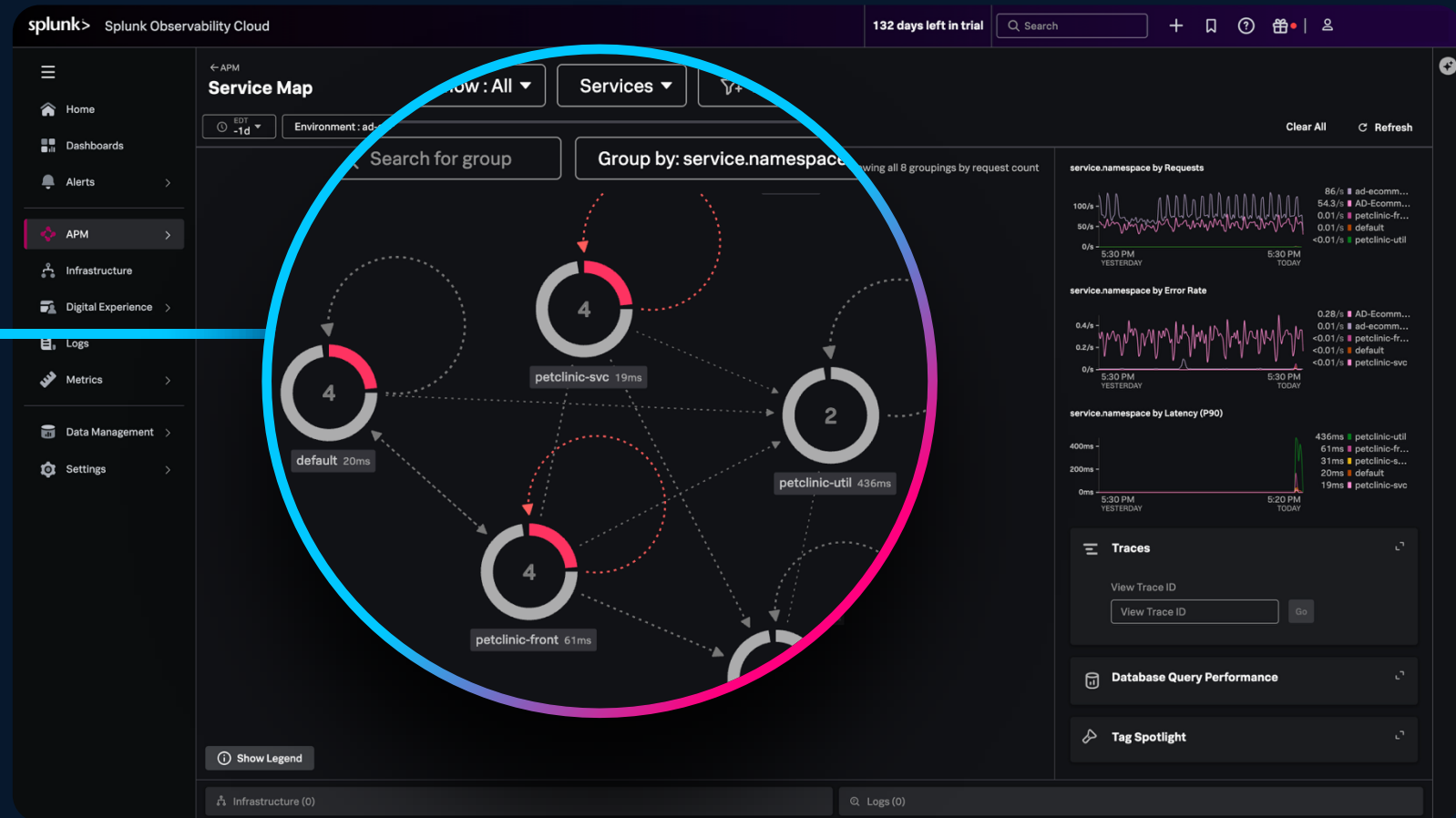
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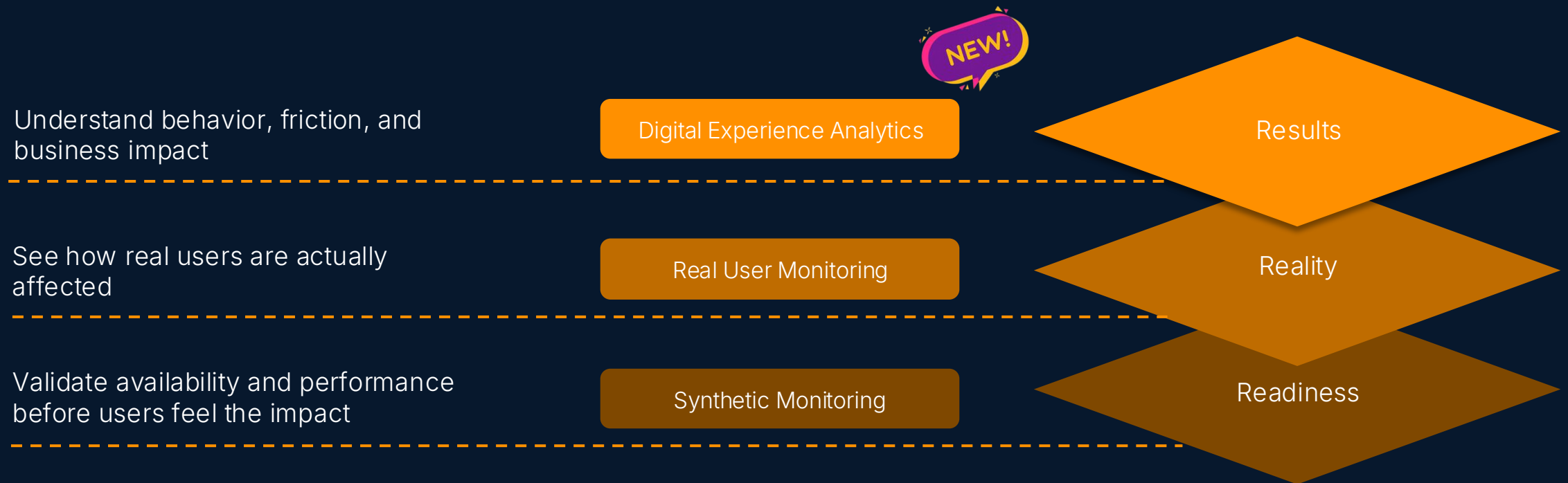
APM support for hybrid apps & business transactions IN OBSERVABILITY CLOUD

- Monitor business transactions
- Gain code-level insights with Call Graphs
- Organize complex architectures to teams
- Correlate app and infrastructure data



See every dimension of your digital experience with Splunk

Digital Experience Monitoring (DEM) in Splunk Observability Cloud

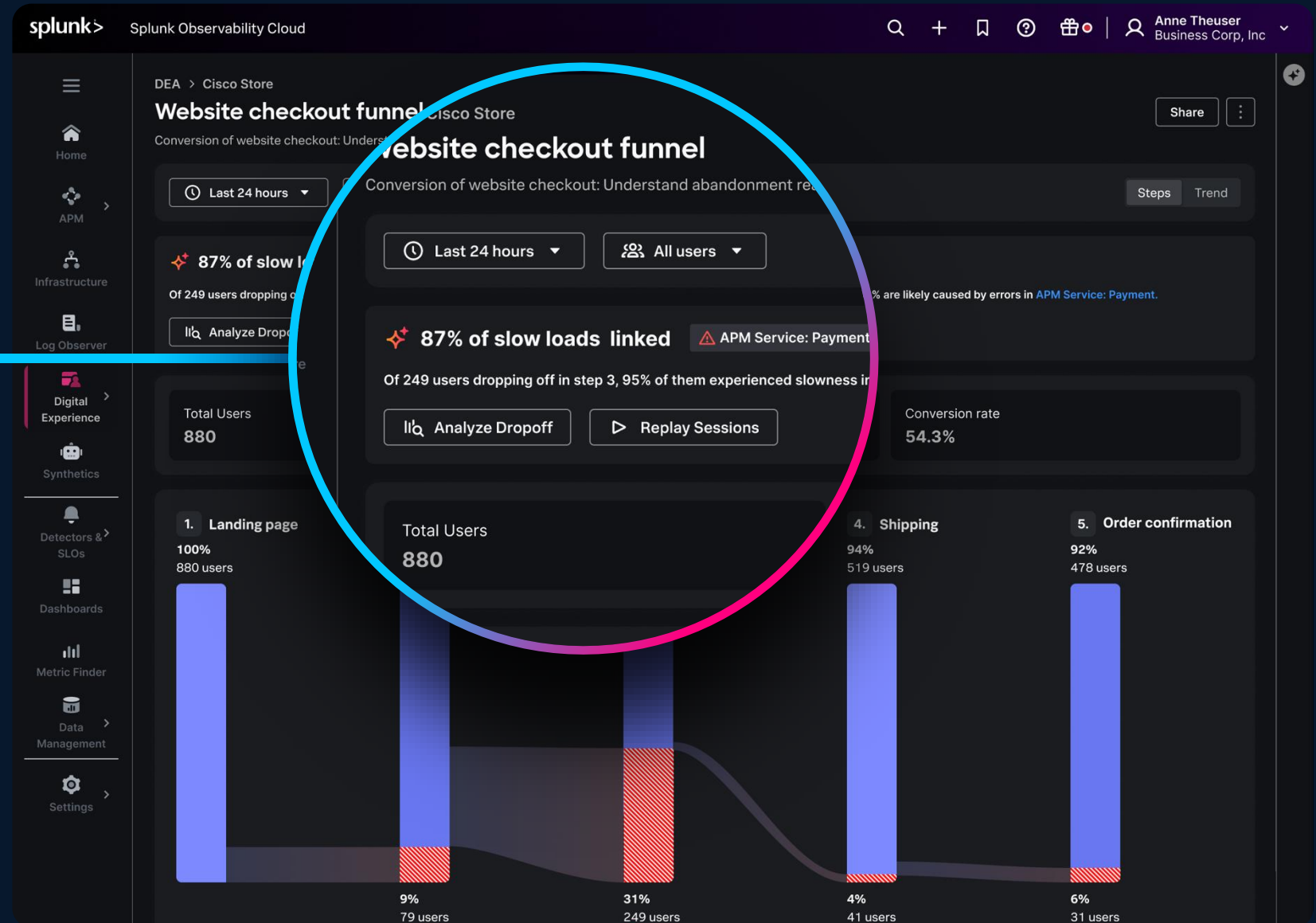


ANNOUNCING

Digital Experience Analytics

IN OBSERVABILITY CLOUD

- Gain insights into customer behavior
- See how app performance impacts user experience
- Reduce engineering overhead



How Does It Work?



User



Overall user experience

Designed for Answering Concrete Questions

Where does conversion drop and why?



Conversion Funnels

Increase conversion rates for critical user journeys.

What are the most common paths users take in my app and why?



User Journey Maps

Analyze and map the most common user journeys.

How is the new feature being adopted over time?



Event Analytics

Track and encourage the usage of key digital experience features.

What did the user see and do right before they gave up?



Session Replay

Record and visually reproduce user sessions to see exactly what happened

How many active and new users do we have this week?



User Segments

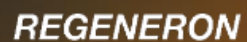
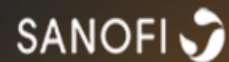
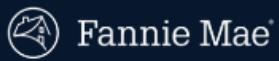
Group users based on behavior or attributes to tailor analyses

Where are users getting frustrated and why?



Friction Signals

Detect friction points (e.g. rage clicks) in user interactions and address them effectively.



Helping the
world's top
brands be
resilient

Splunk Go: Dublin & London

Join our *complimentary, user-focused experience* where you'll explore how Splunk's latest AI innovations and the Cisco Data Fabric can help you build digital resilience at agentic speed.

Learn how to detect, investigate, and troubleshoot faster in the AI era. Walk away with proven strategies you can put into practice immediately. Experience expert-led sessions, live demos, and product deep-dives that showcase the latest solutions that provide the unmatched visibility, security, and control needed to build resilience for AI, with AI.

Scan the QR Code to register and secure your spot:



Dublin



London



Dublin | June 11 | The Westbury



London | June 17 | Kings Place, Kings Cross

