

Splunk Platform

Your data strategy is your AI strategy

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Splunk Platform and AI



Webex App

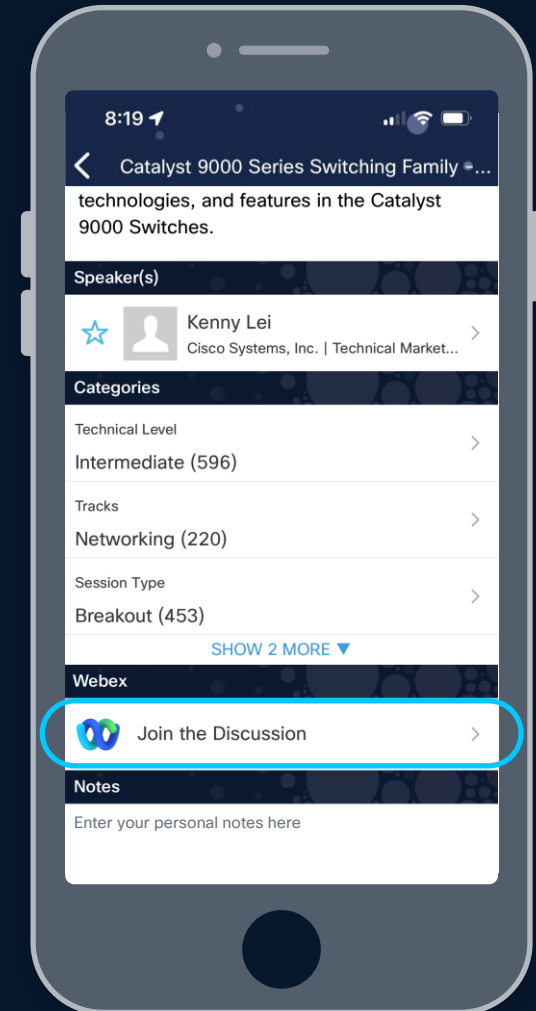
Questions?

Use Webex app to chat with the speaker after the session

How

- 1 Find this session in the Cisco Events app
- 2 Click “Join the Discussion”
- 3 Install the Webex app or go directly to the Webex space
- 4 Enter messages/questions in the Webex space

Webex spaces will be moderated by the speaker until February 27, 2026.



Data and AI velocity

394 zettabytes

expected global volume of
data by 2028

55% of data growth

is machine data

1.3 billion agents

expected to be in operation
by 2028

Source: IDC



AI will make our world of 8B people
feel like one with the capacity of 80B

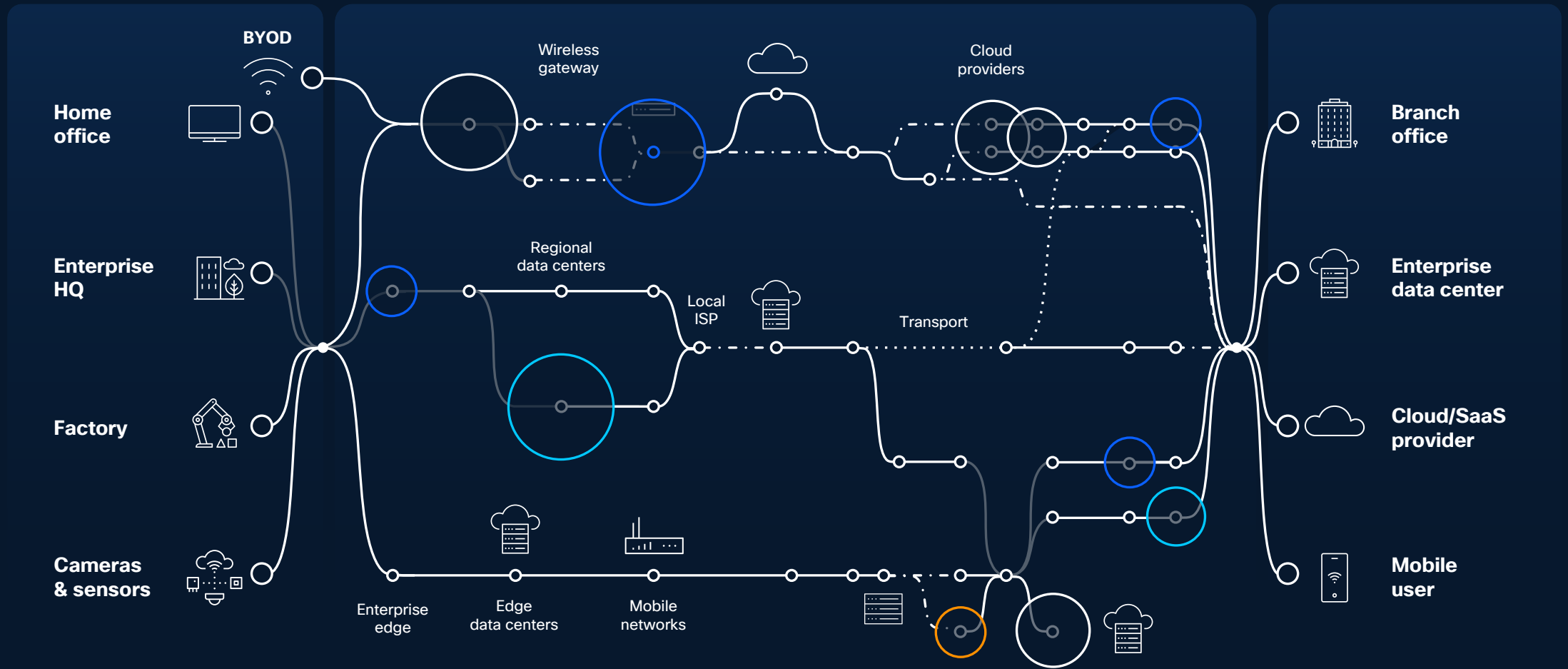
Agentic AI ushers in new data challenges

Data
Complexity

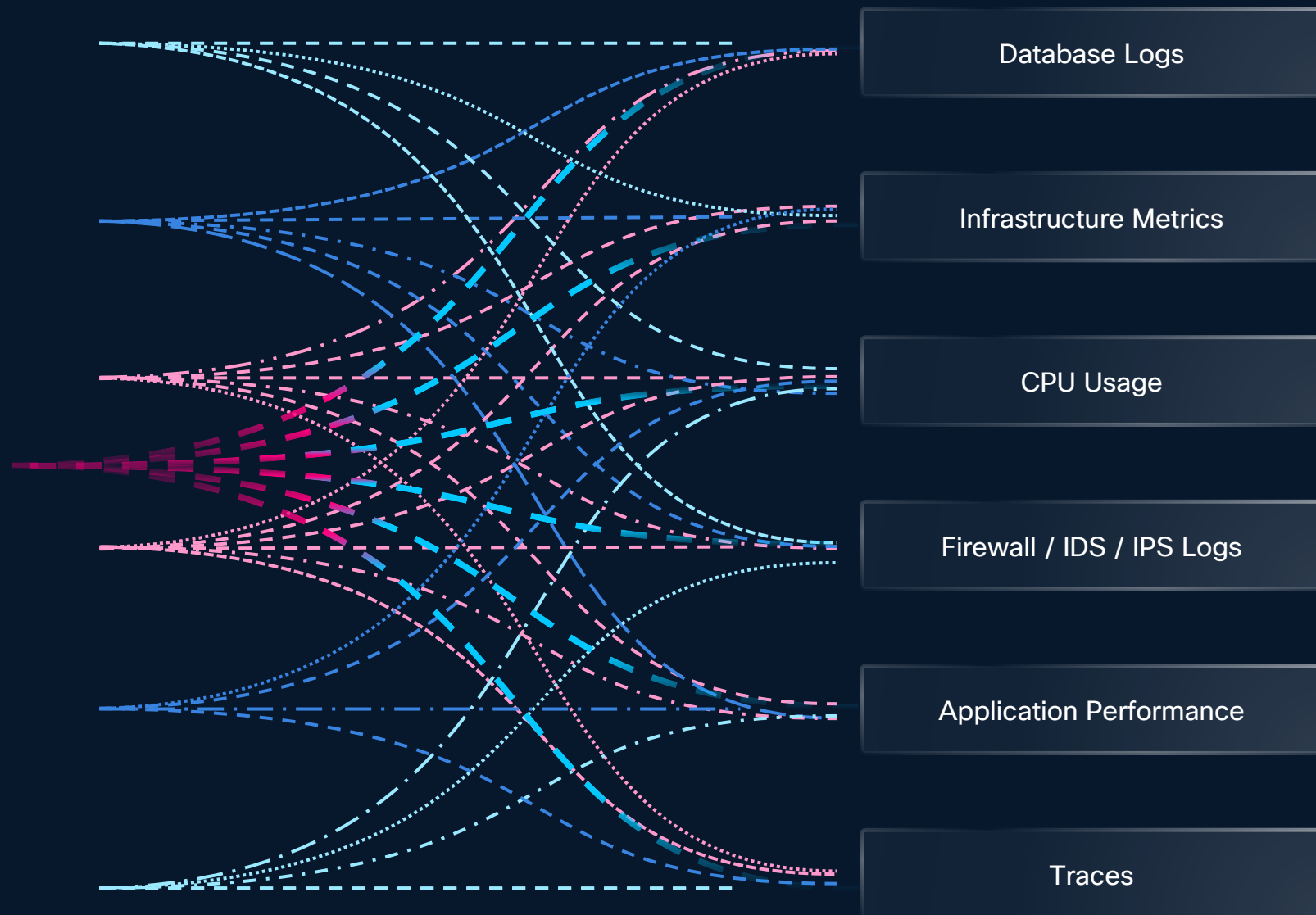
Machine-Speed
Decisions

Accountability
at Scale

While gaining holistic visibility is more challenging than ever



How to make sense of your data?



It's exacerbated with data and teams in silos



Security

IT

Engineering

Network

Cisco Confidential

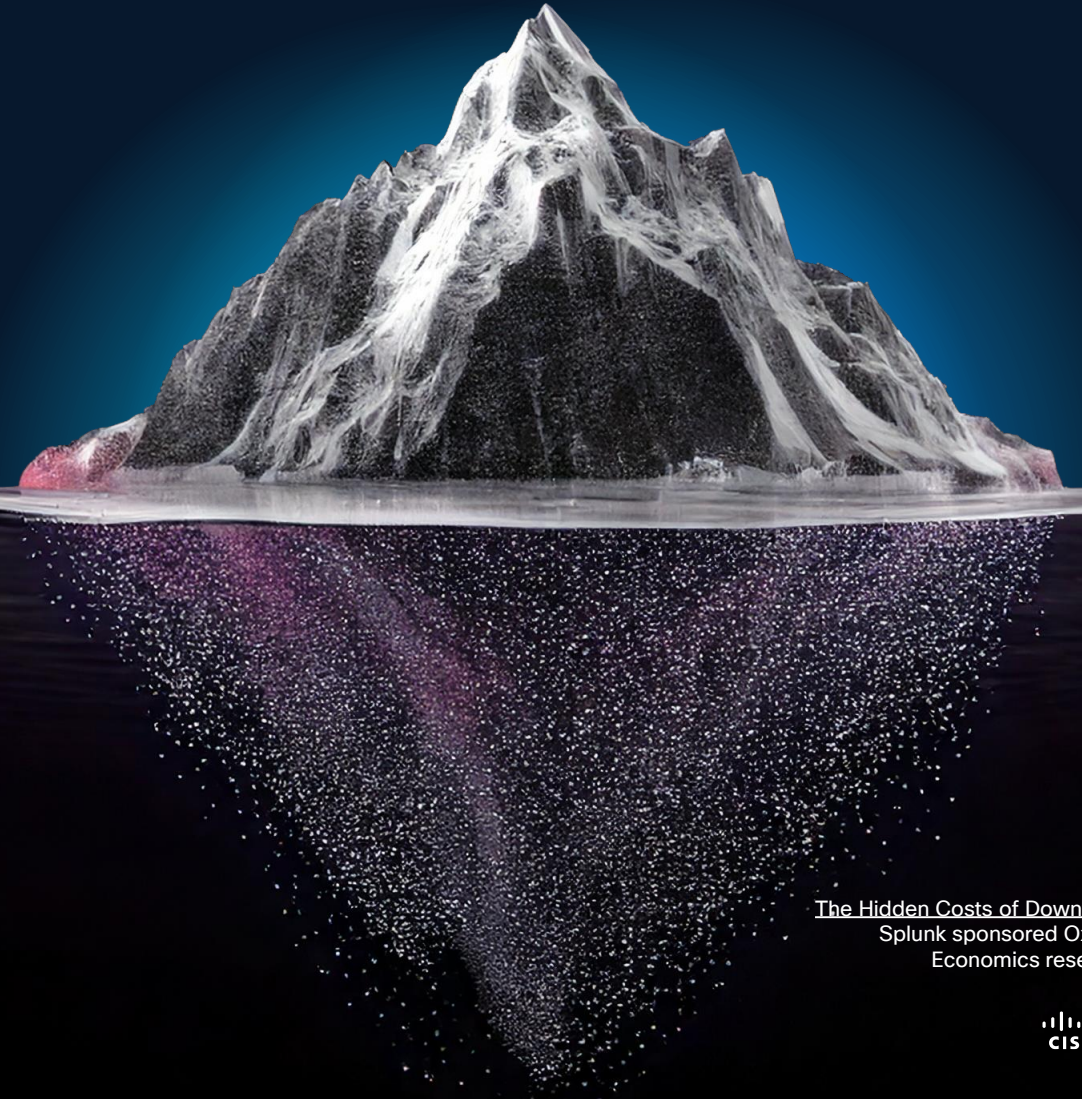
Data chaos is a \$400B problem

Total direct cost of downtime:

\$200M per year per company

Hidden cost of downtime:

94% report slowed innovation



The Hidden Costs of Downtime,
Splunk sponsored Oxford
Economics research



What is the
path forward?

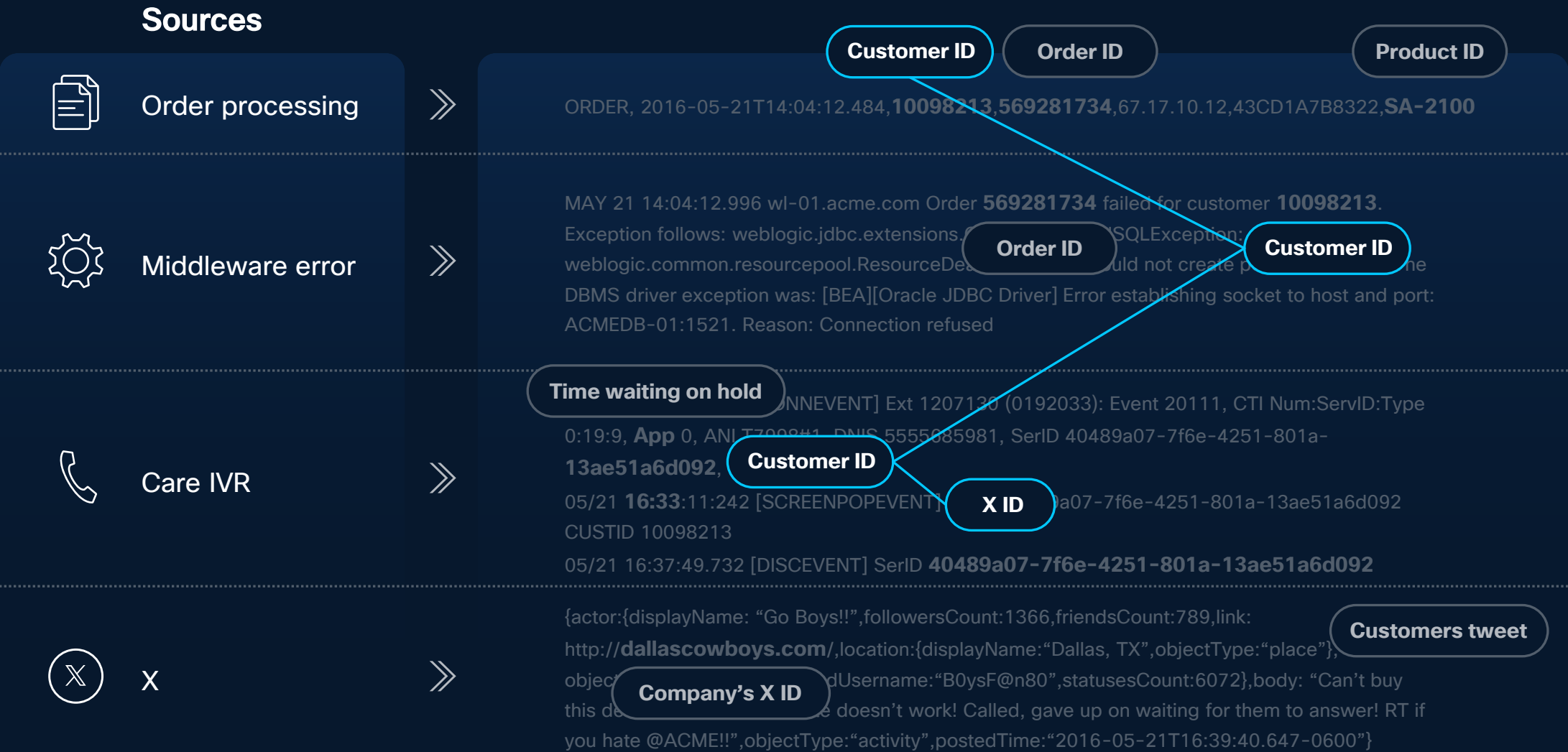
Machine data is a critical link to your data strategy

Business Data

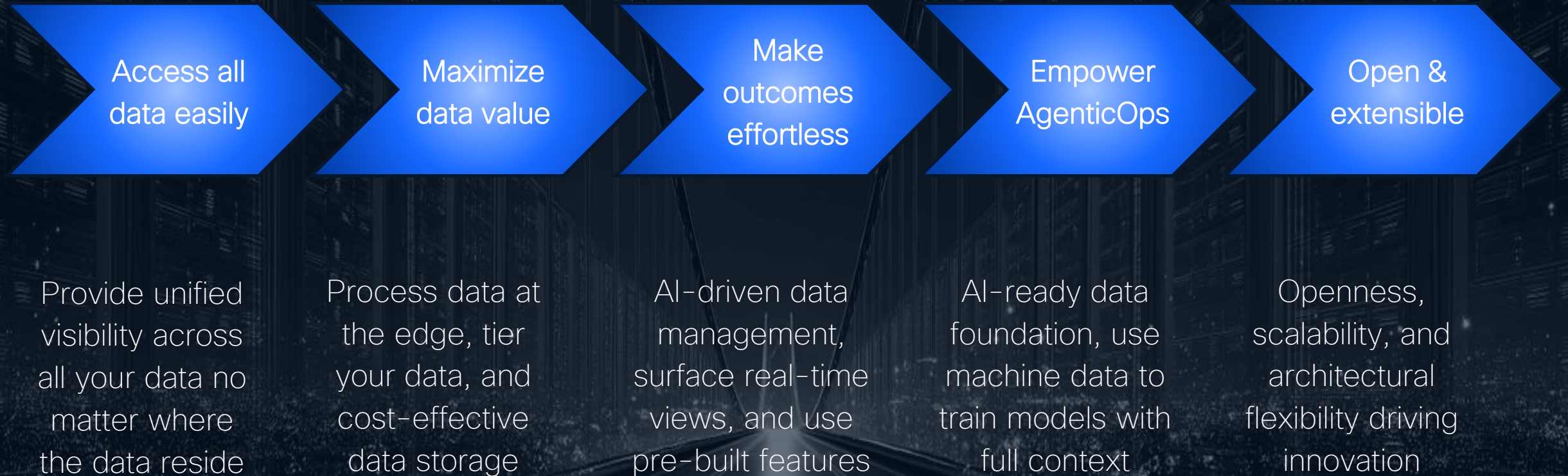
Knowledge Data

Machine Data

Machine data delivers critical insights



Building a data strategy for the agentic era



Picture this as your destination

Achieve
cross-domain
insights

Teams
collaborate efficiently,
augmented by AI

Solve
problems before they
impact users

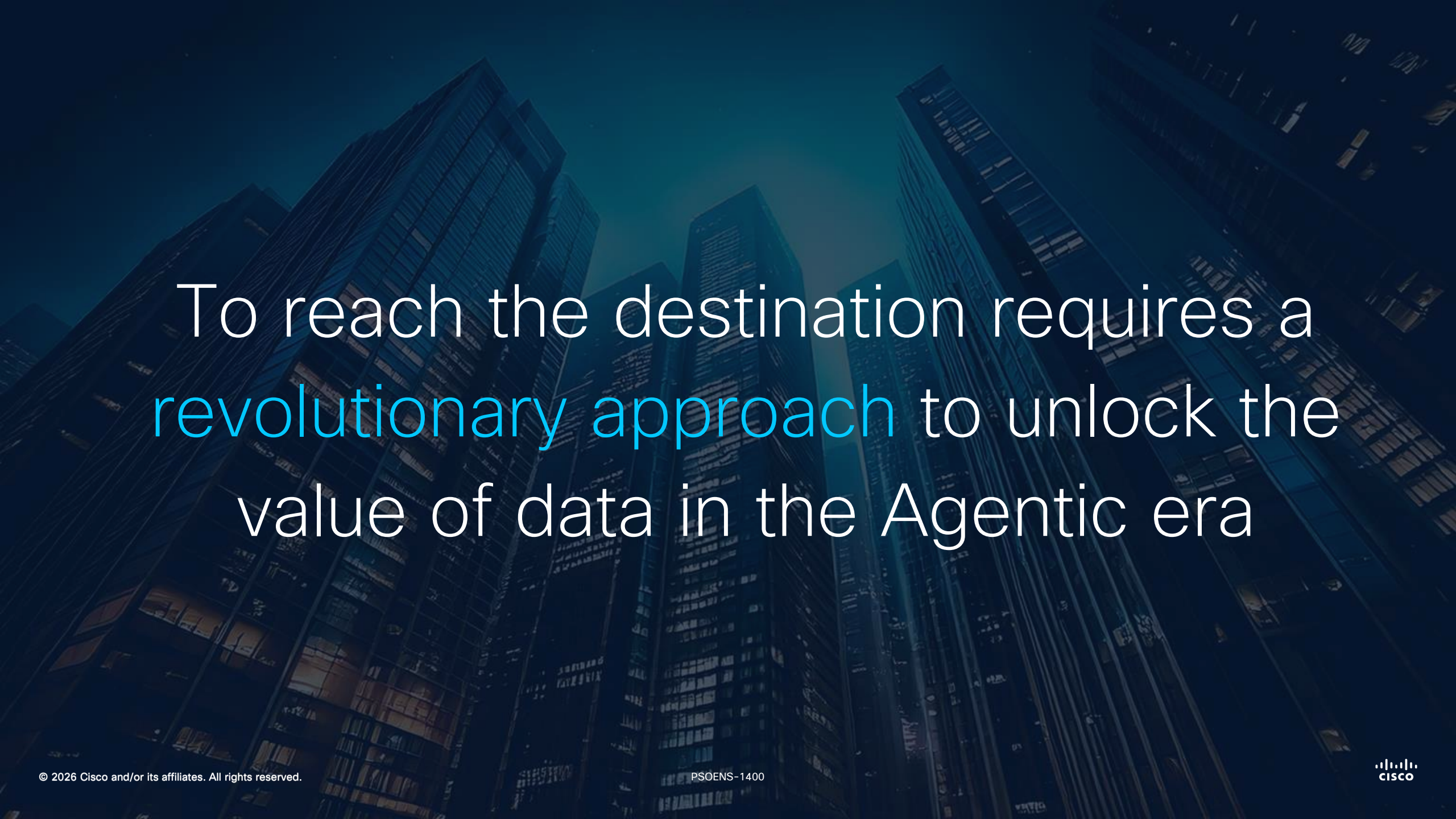
Build
your own agentic
systems



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How do you
get to your
destination?

A low-angle, upward-looking shot of several tall skyscrapers at night. The buildings are illuminated from within, with many windows glowing. The sky is a deep, dark blue. The perspective creates a sense of height and scale.

To reach the destination requires a
revolutionary approach to unlock the
value of data in the Agentic era

Cisco Data Fabric

A new architecture, powered by Splunk,
to harness the value of machine data with AI

Meet the Splunk Platform

Unlocking the value of data for AI and solving limitless cross-domain use cases

2.6 EB

data ingested
per year

300B

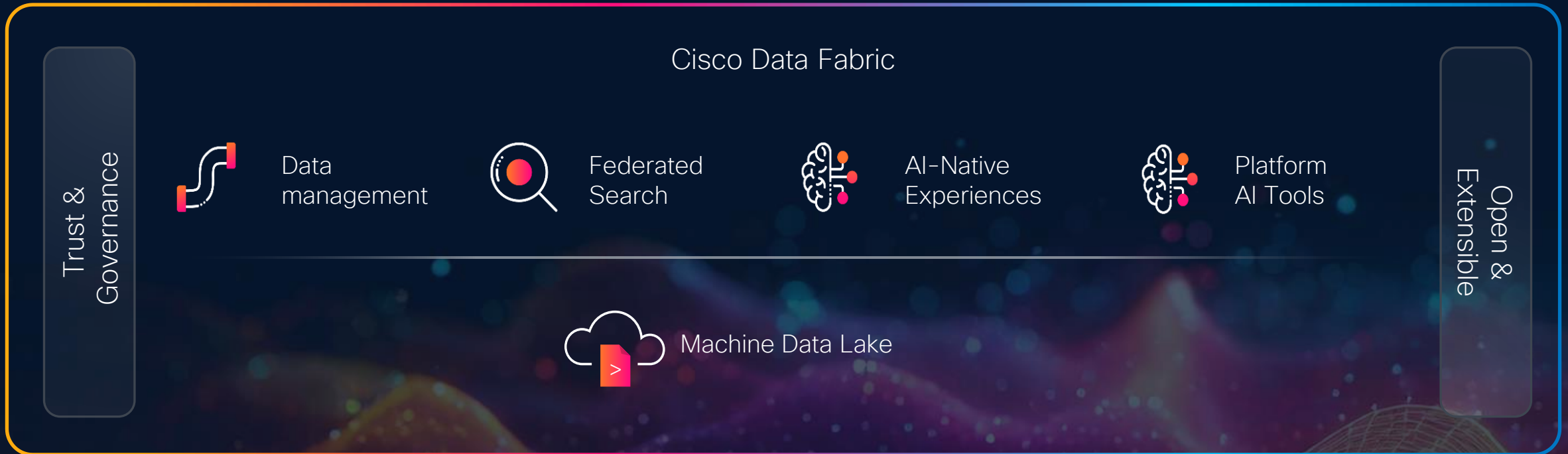
searches
per year

3K+

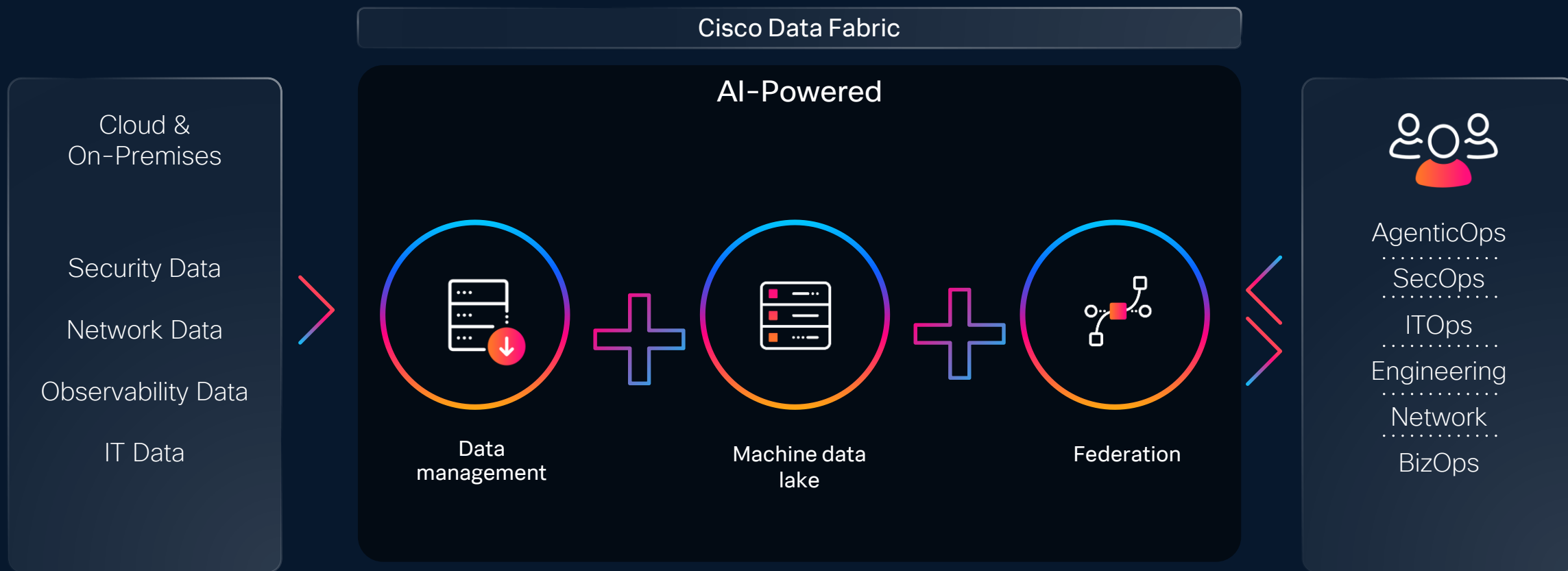
apps &
add-ons



Cisco Data Fabric powered by Splunk



Realize unified intelligence at ludicrous scale



Break down data silos and unify all your data for real-time cross-domain visibility and an AI-ready data foundation

Building business value with AI



AI-native with AI

Gain cross
domain insights,
accelerated by AI

Collaborate across
team efficiently,
augmented by AI



Platform for AI

To build task
specific agentic
systems

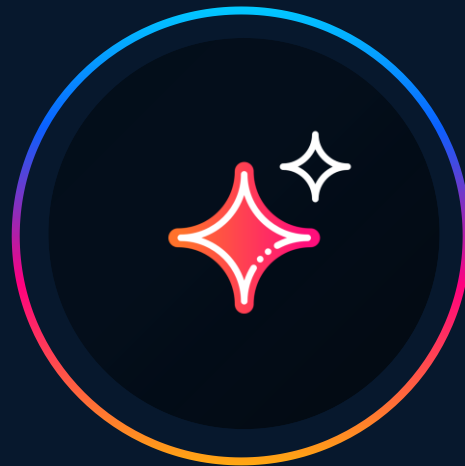
To scale your
enterprise agentic
operations

Unlocking value for AgenticOps

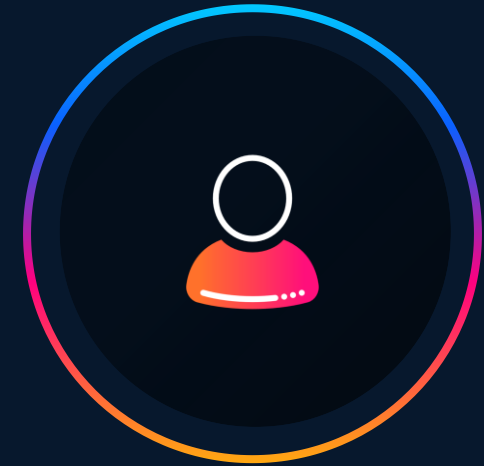
AI-native experiences



AI-driven data
management lifecycle



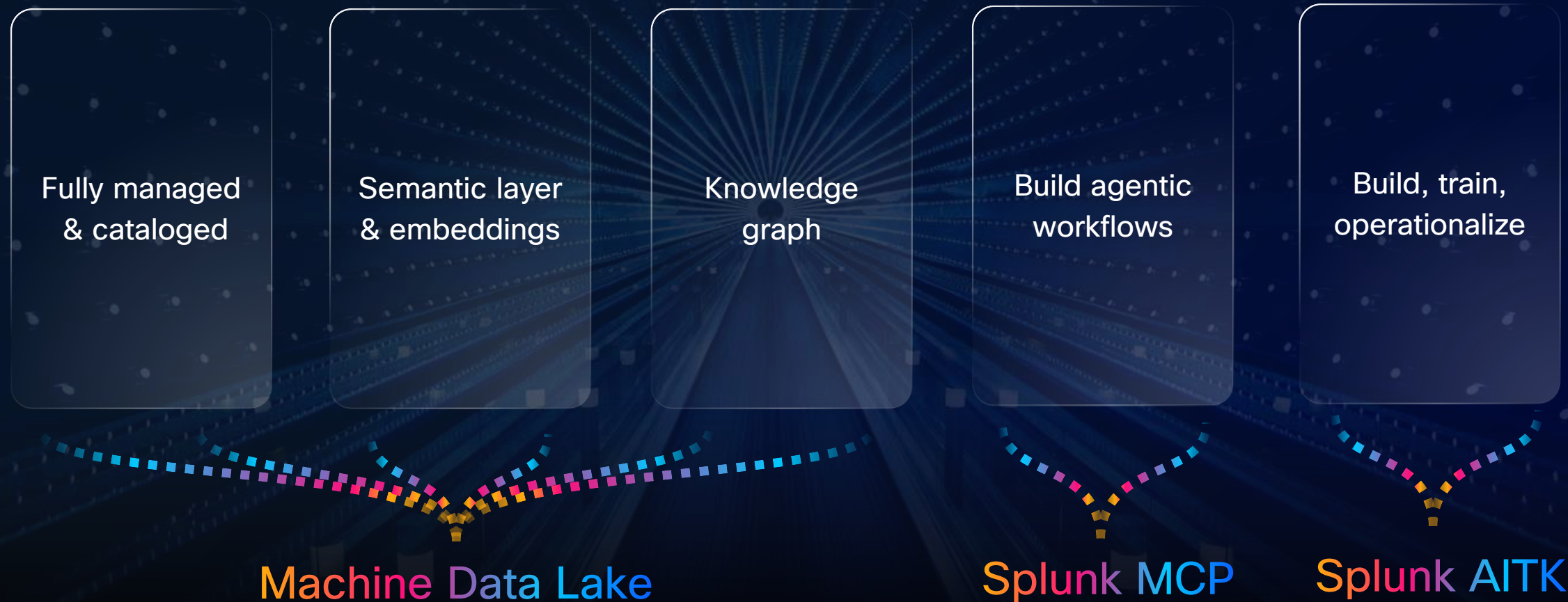
Splunk AI-assistant
for SPL



Cisco AI Canvas
in Splunk

Delivering a contextualized AI-ready data foundation

Platform for AI



Cisco Confidential

The ability to truly unlock data, no matter the use case

IT / OT Operations



BOSCH

20 sec

to run a query,
versus 15 min.

Security Operations



Carrefour

3x

faster response to
security threats

AI Ops



Ersilia

5x

more AI models
in the first year

Activating Cisco Data Fabric with next-gen Splunk platform

Unify intelligence at
ludicrous scale

Fuel agentic AI with
contextualized data

Unlock AgenticOps for
preemptive operations

Complete your session surveys



Complete your surveys in the Cisco Events app.



Complete a minimum of 4 session surveys and the overall event survey to receive a unique Cisco Live t-shirt.

(from 11:30 on Thursday, while supplies last)

Continue your education



Visit the Cisco Showcase for related demos



Book your one-on-one Meet the Engineer meeting

Visit the Technical Solutions Clinics to discuss your technical questions



Attend the interactive education with DevNet, Capture the Flag, and Walk-in Labs



Visit the On-Demand Library for more sessions at CiscoLive.com/On-Demand

Thank you





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

Continental 

Carrefour protects its business and improves customer experience with Splunk Cloud Platform.

3x faster response to security threats

“We get so much value from Splunk. It maximizes the insights we gain from analyzing detection use cases, rather than wasting time creating rules or struggling with a tool that’s too complicated.”

Romaric Ducloux
SOC Analyst, Carrefour



Ersilia democratizing global health through open source AI with Splunk.

5x

more AI models
in the first year

10x

improvement in
antimalarial drug
candidate discovery

>700

hours of manual
work saved per year

“By streamlining how we ingest, analyze and process our data, Splunk has transformed our product and unlocked new scale for Ersilia.”

Miquel Duran-Frigola

Chief Scientific Office and Founder, Ersilia

