



The bridge to possible

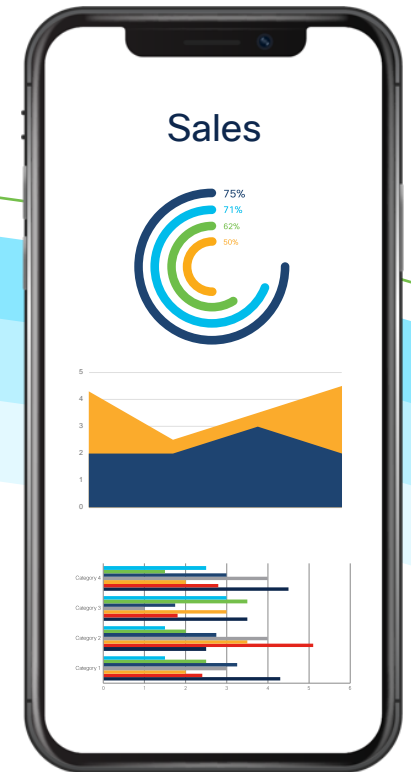
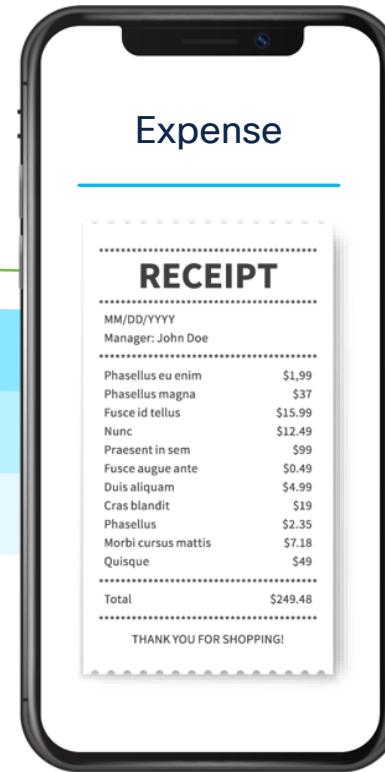
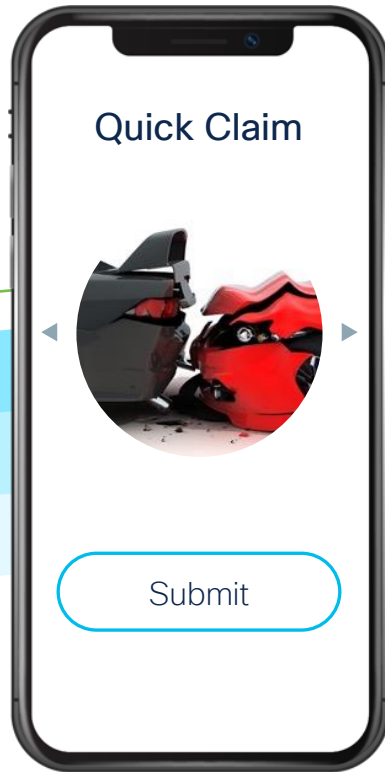
Elevate Digital Experiences with Cisco Full-Stack Observability

Ronak Desai – SVP/GM – Cisco FSO and AppDynamics



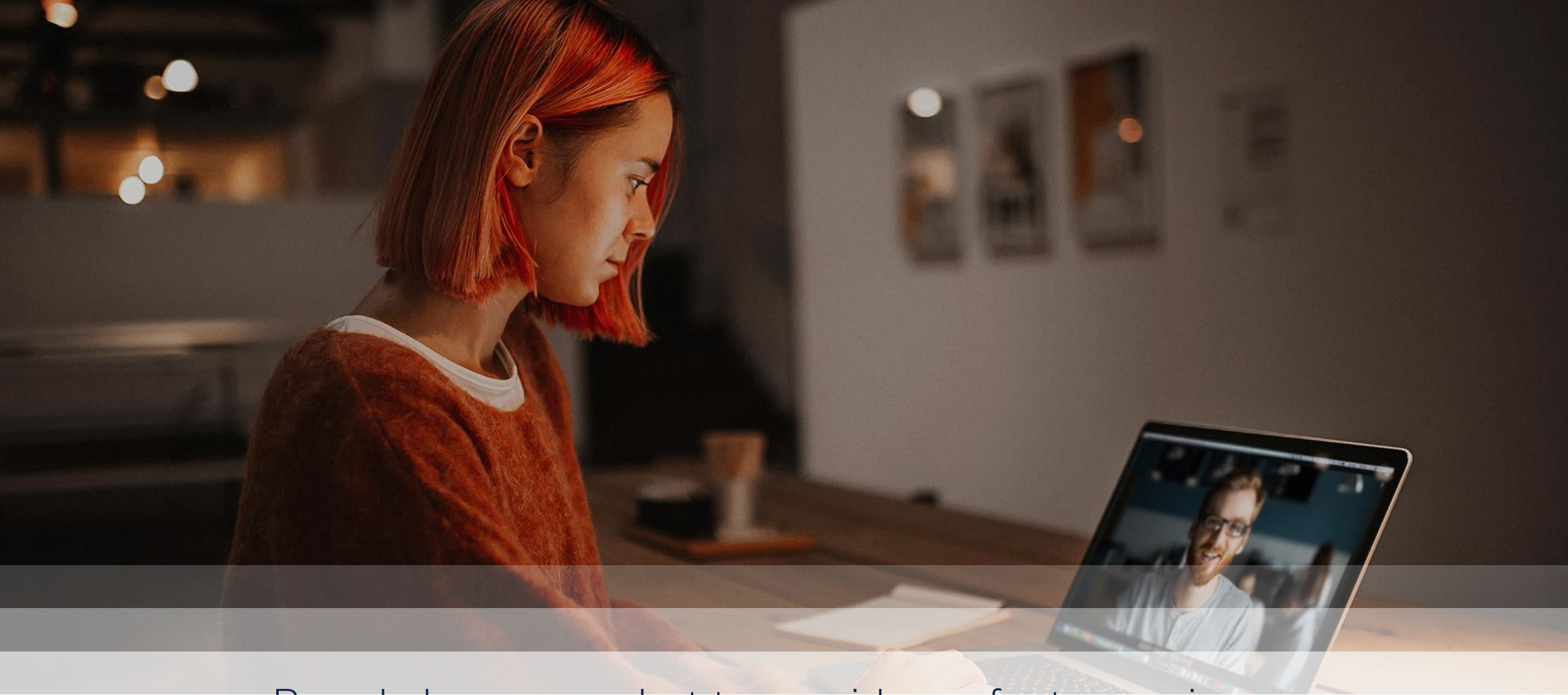
You need to see more to solve more.

Applications are the front door



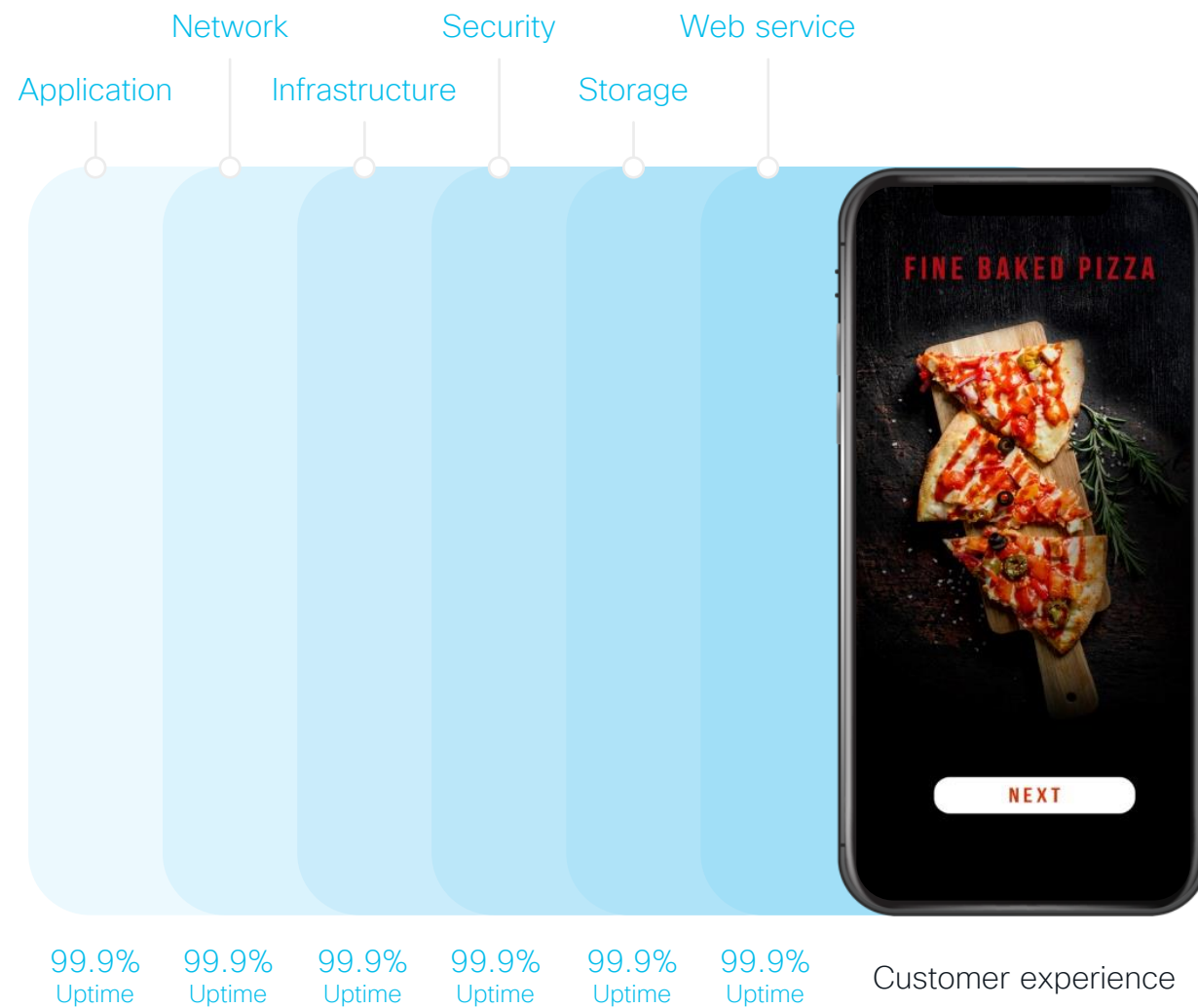


In the next 3 years, 500 million new apps will be written, almost all of them for the digital world

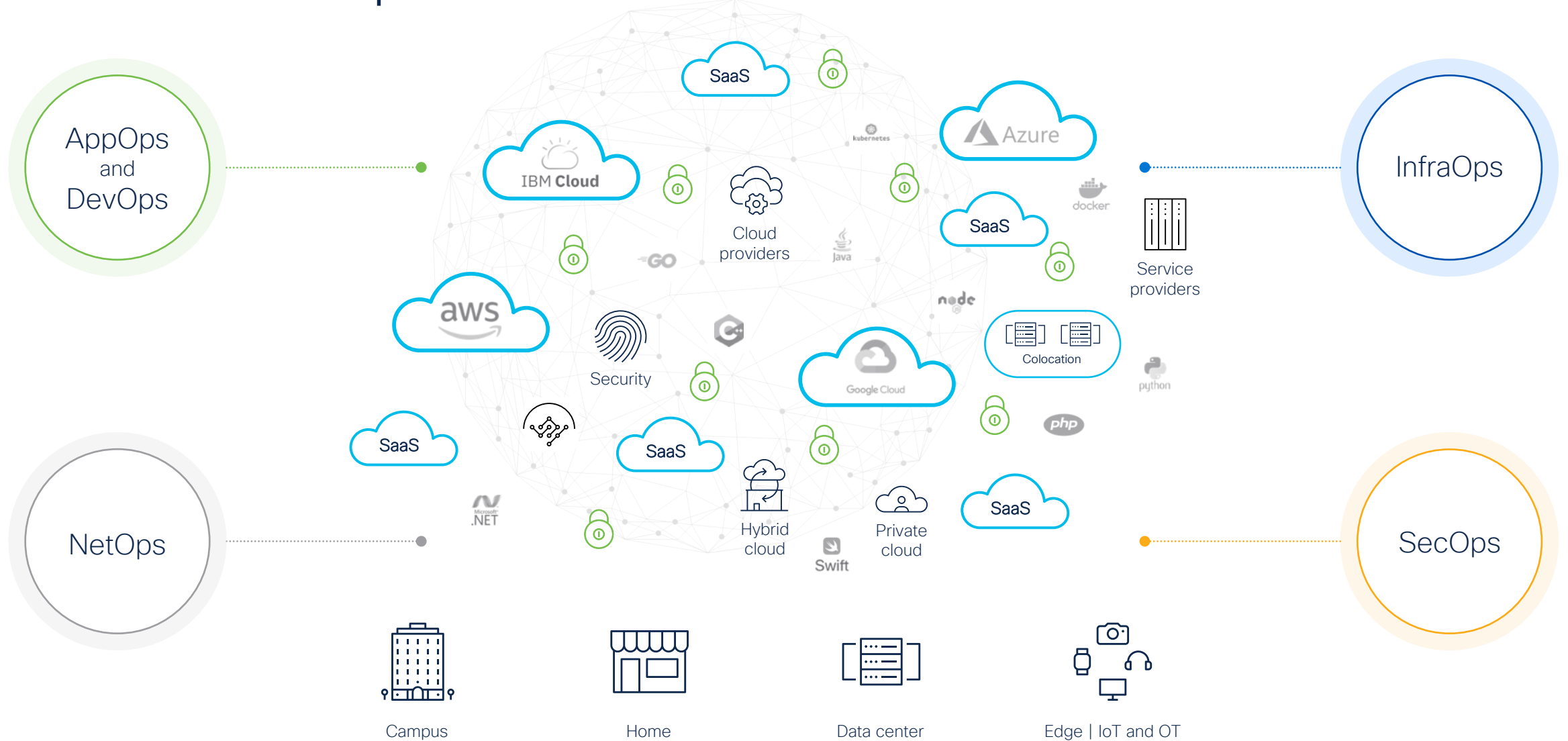


Brands have one shot to provide perfect experience
As 66% users say they will avoid a brand if their
experience isn't perfect

Application experiences are Cumulative



Islands of operations are inefficient and ineffective



There is no **business context**



You need to see more to solve more.

Full-Stack Observability

Owning the future

Full-Stack Observability

Multiple domains and cross-functional teams

Business context and Impact

Real-time, distributed and hybrid apps

Issues and Incident remediation

Cross-domain full MELT and **security**

Cloud and Edge native

DevOps and SRE

KPI: SLO with business context, insights
driven actions/automation,

Visibility/Observability

Per domain/team

Active and modern apps

Root Cause Identification

Telemetry based (MEL) subset

Tools sprawl, some integrations

KPI: performance, experience

Monitoring

Per domain/team

Passive and traditional apps

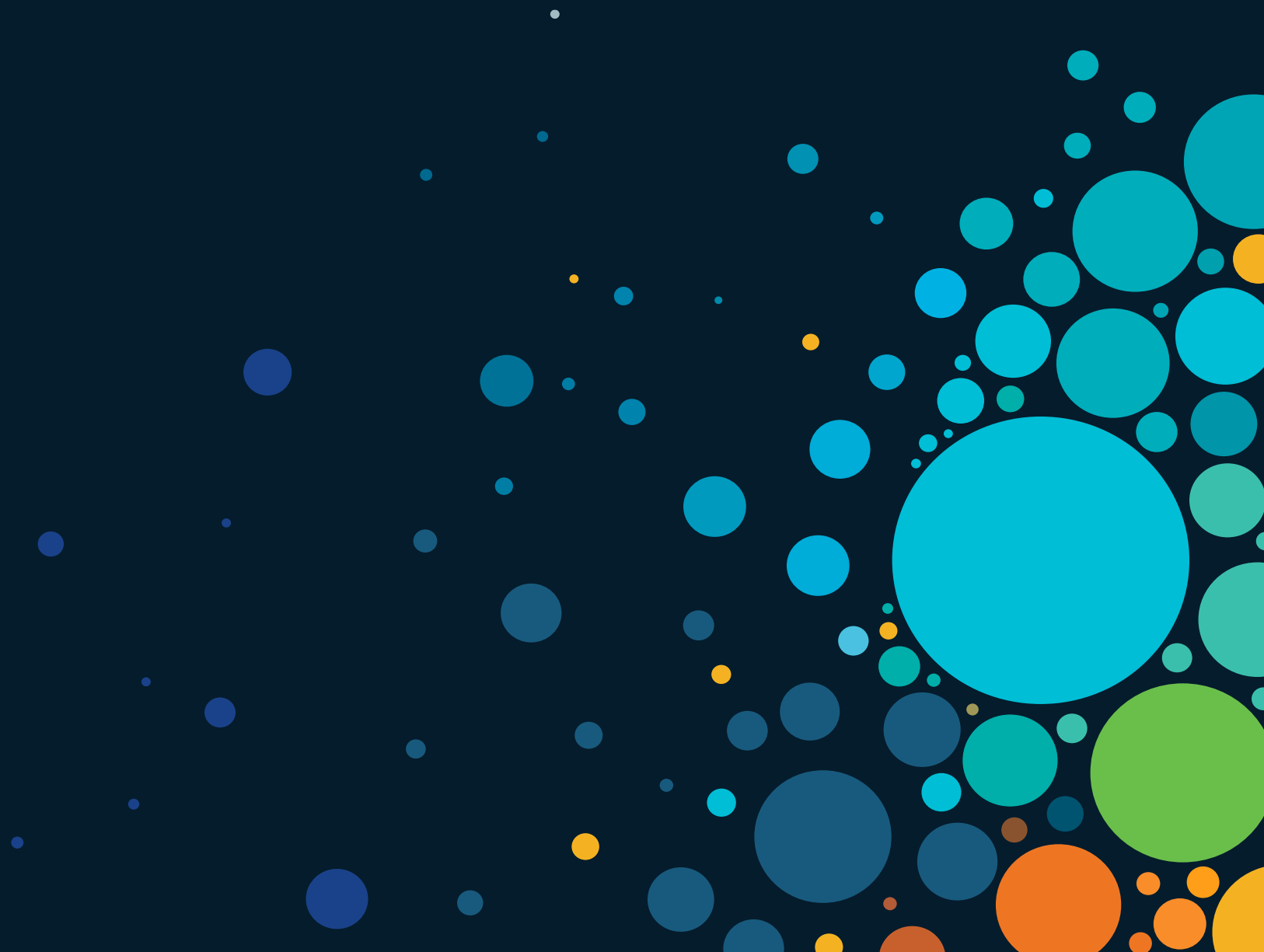
Health and reporting

Events sampling

Dashboards/views

KPI: Availability, capacity

How can
Cisco help?



Cisco Full-Stack Observability



Full-Stack Visibility

Gather, unify and
contextualize data
across multiple domains



Full-Stack Insights

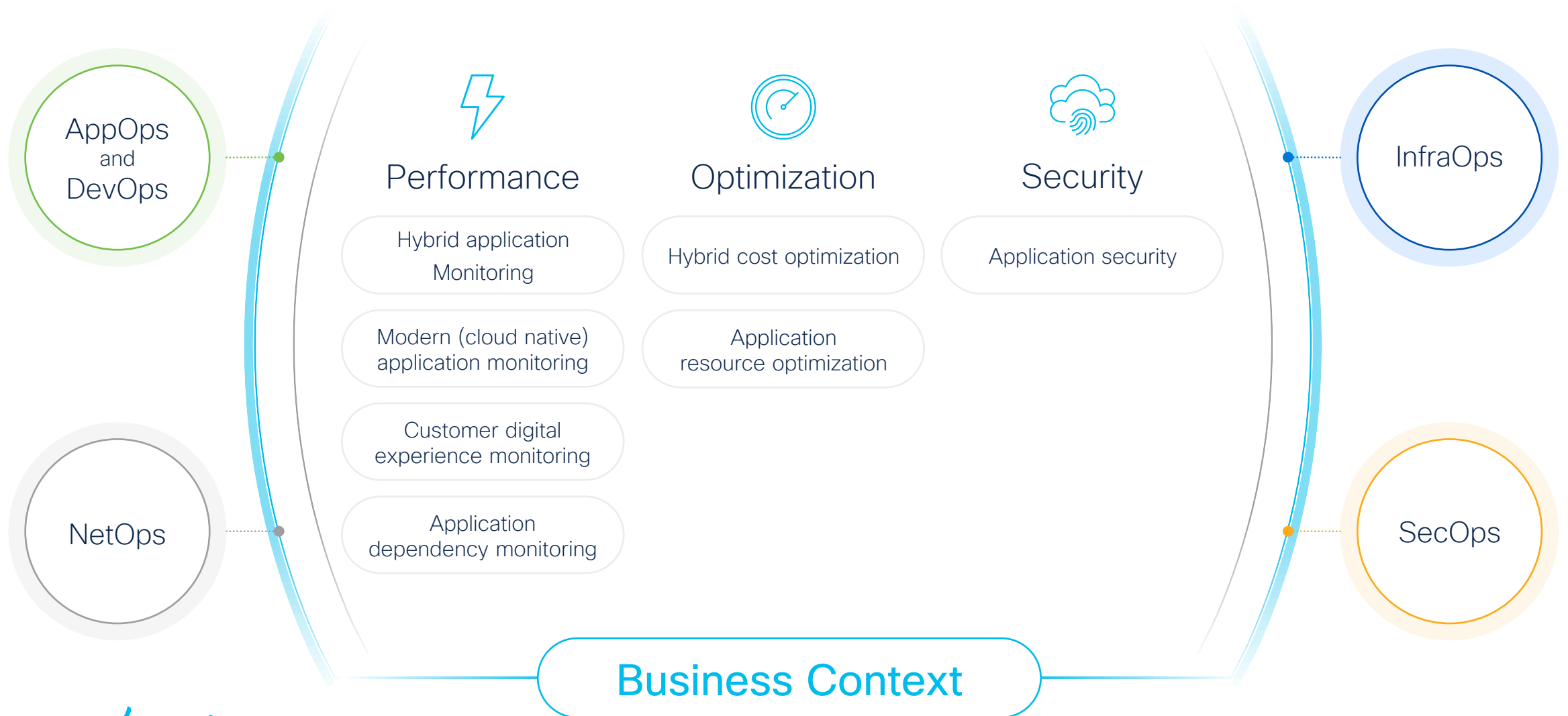
Application and business
insights
across stack



Full-Stack Actions

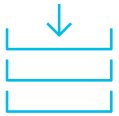
Prioritized remediations
and optimizations
across stack

Cisco Full-Stack Observability Use Cases



Hybrid application monitoring

Traditional and hybrid applications (AppOps)



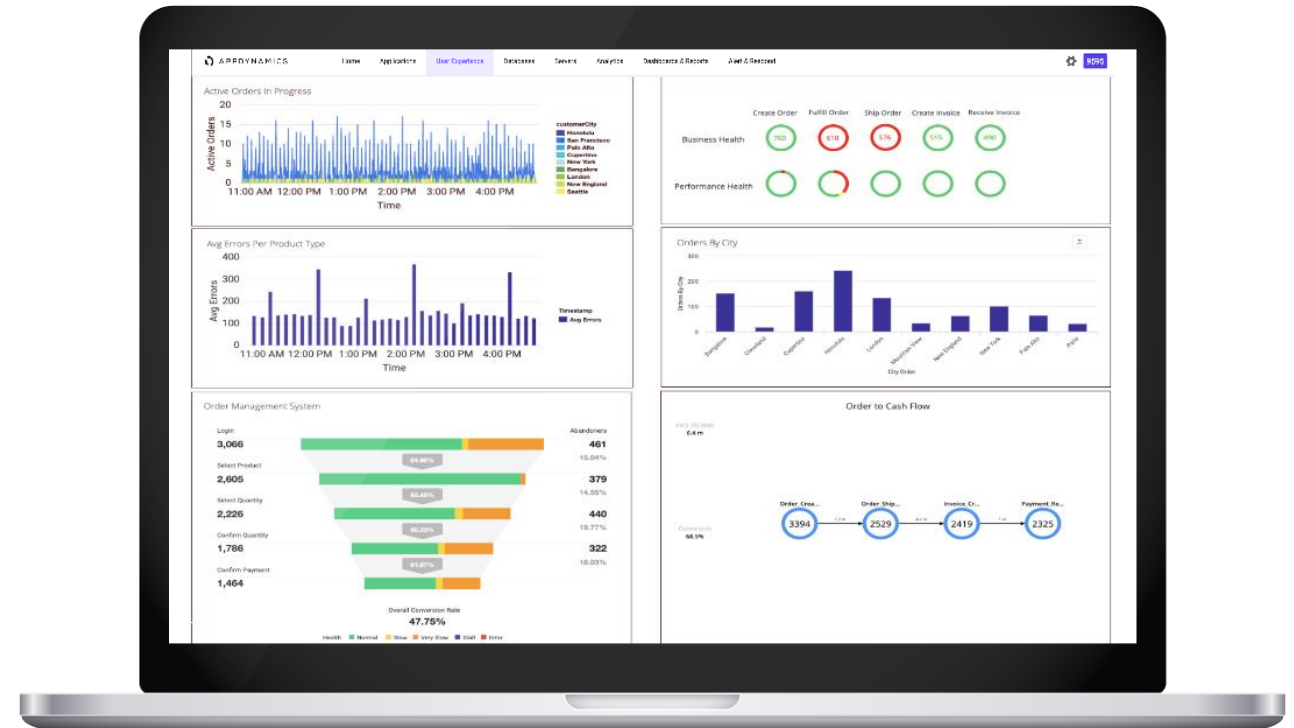
Ensure business context deep into the technology stack



Deliver performance and experiences your business and customers demand



Monitor traditional to hybrid apps including mission critical apps (SAP)



AppDynamics
with SAP monitoring

Modern (cloud native) application monitoring

Cloud-native applications (DevOps, CloudOps, SRE, monitoring admin)

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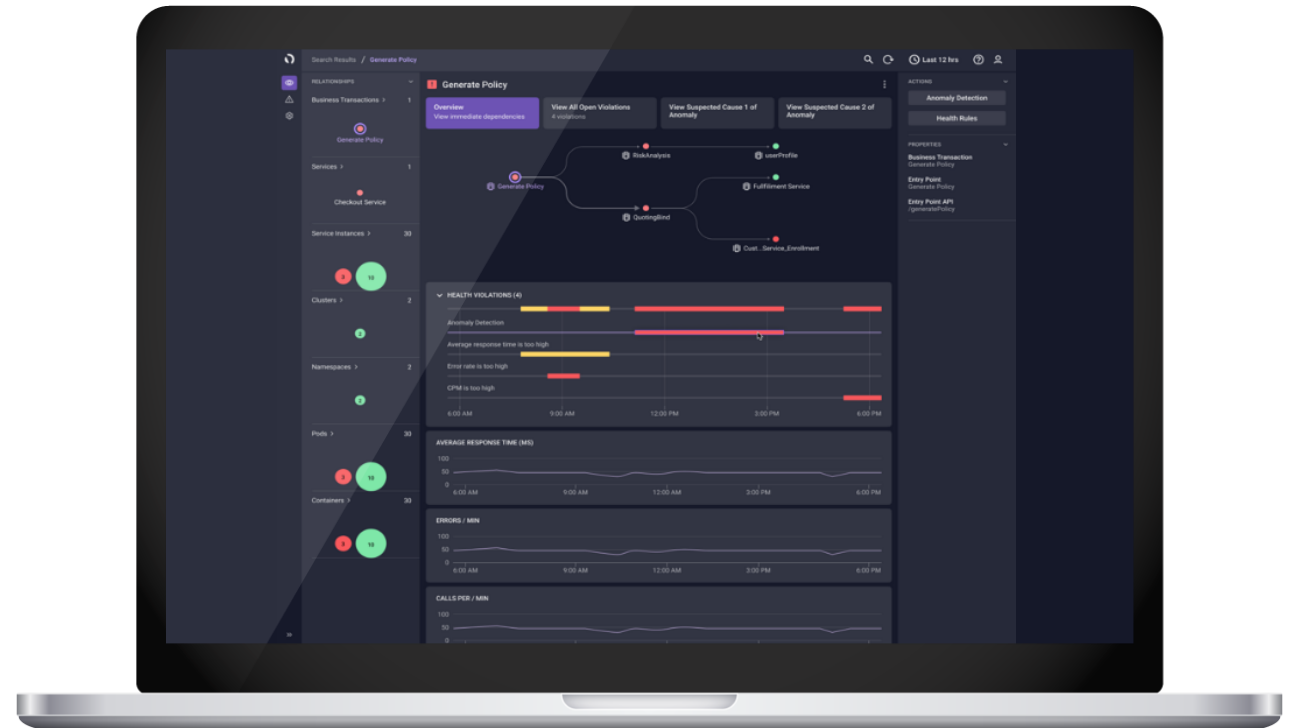
Purpose built from the ground up



Observe modern applications and cloud-hosted workloads



Through full-stack observability

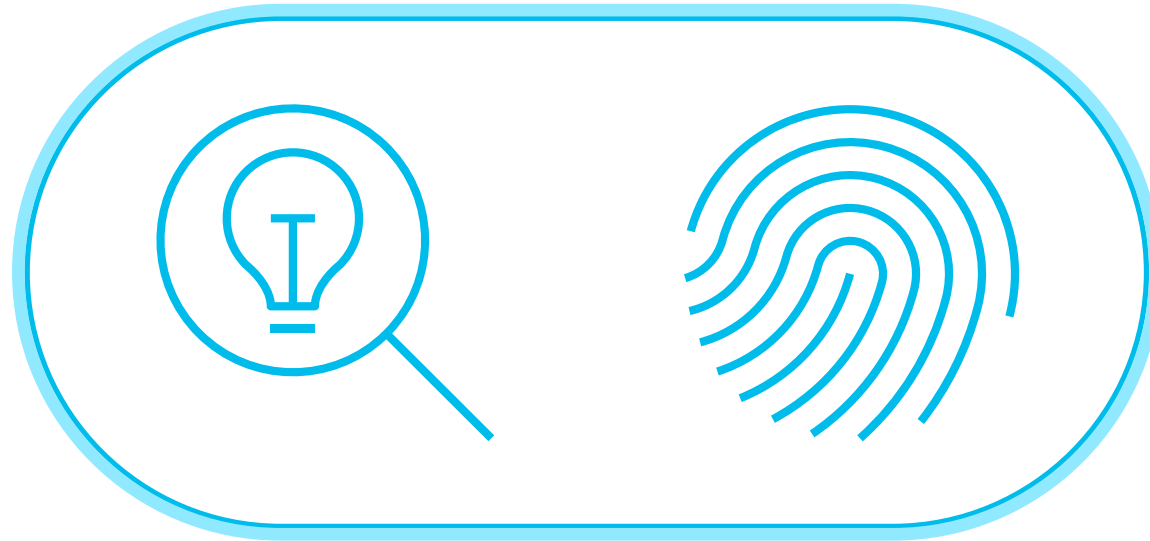


AppDynamics Cloud

Application security

Observability and security Insights

Coming together



Business transactions
(AppDynamics)

Vulnerability scoring
(Kenna Security)

API security
(Panoptica)

Threat research
(Talos)

Application security demo

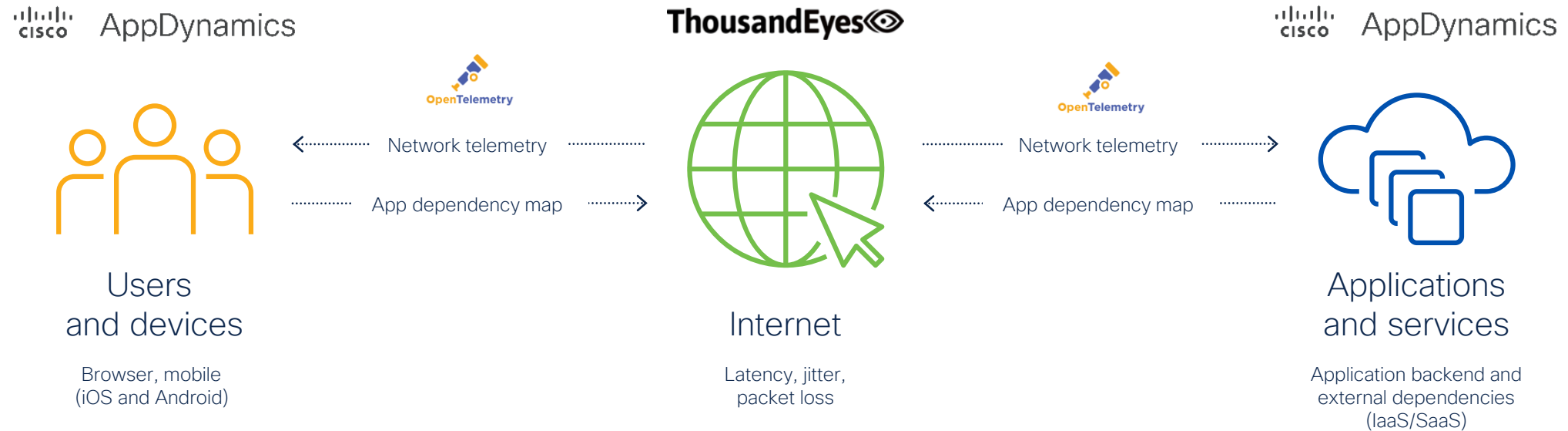




Customer Digital Experience and Application Dependency Monitoring

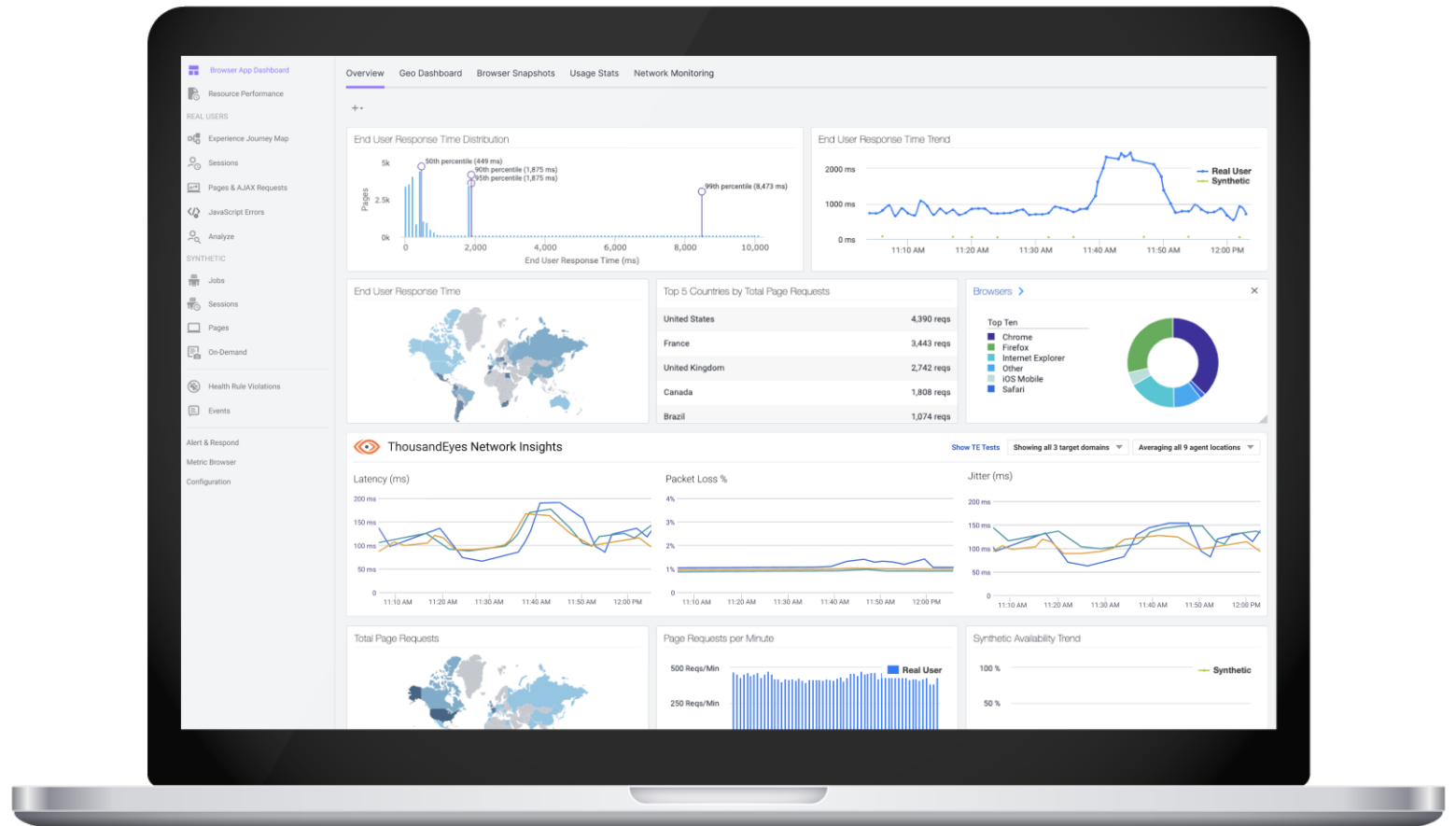
Application monitoring and network intelligence coming together

Data-driven bi-directional integration



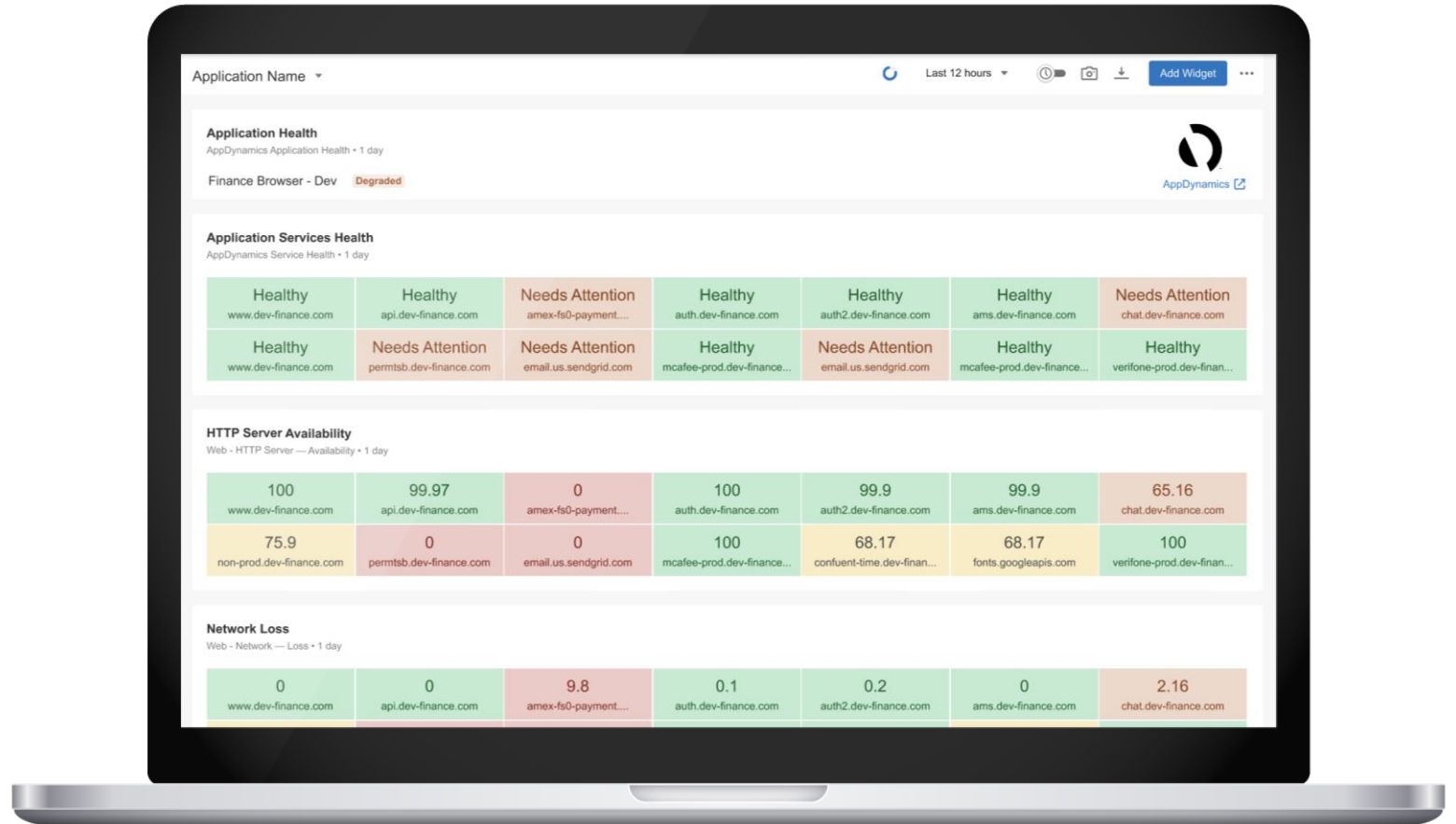
Customer digital experience monitoring

Real-time ingestion
of network metrics
and integration of
Network Intelligence
from **ThousandEyes**
into **AppDynamics**

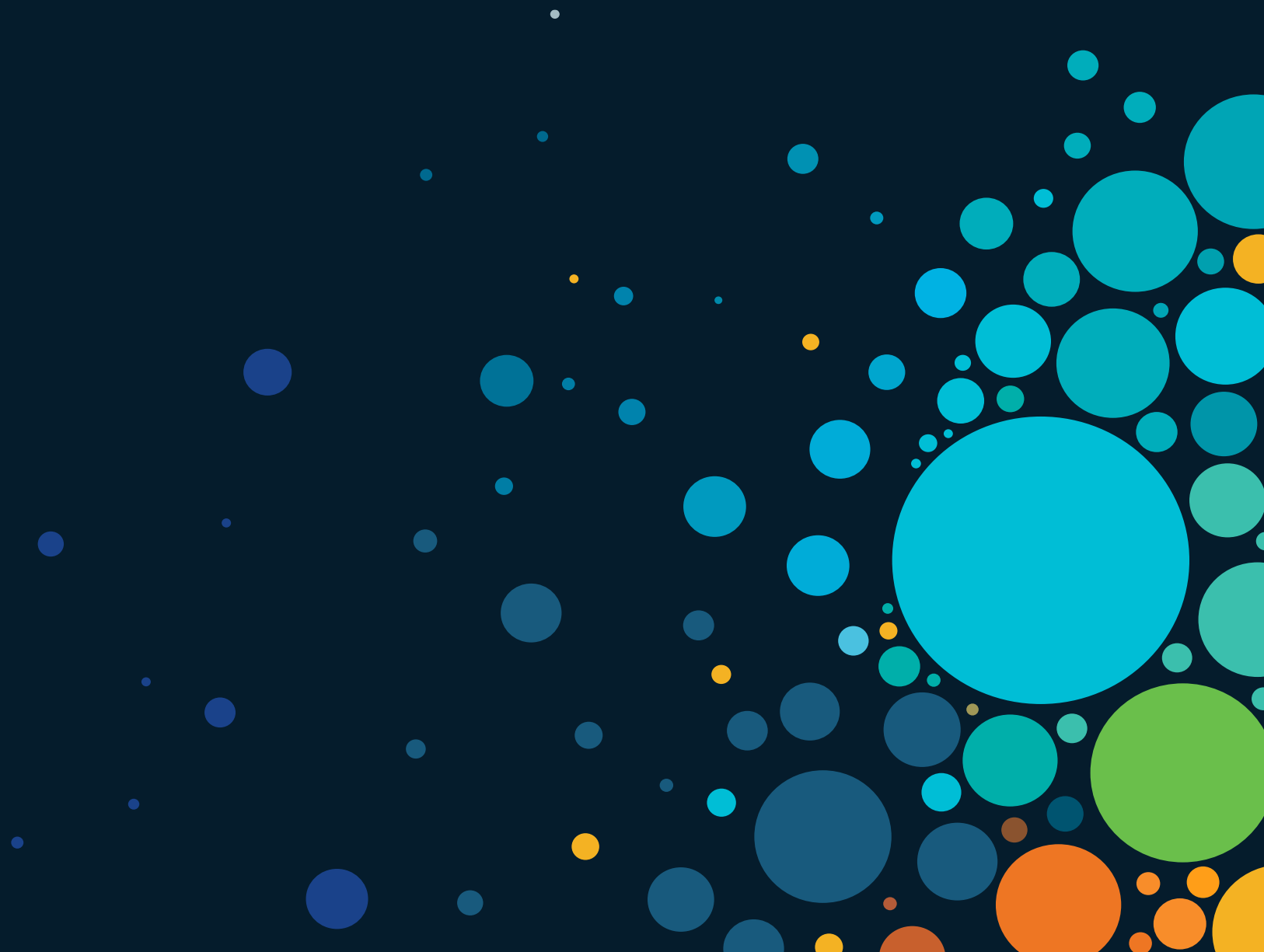


Application dependency monitoring

Application
Dependency
mapping data from
AppDynamics sent
to **ThousandEyes**
to uncover gaps in
your network test
cases



Extend your
observability



Cisco FSO platform video



Simplified experiences and extensibility

The Cisco FSO Platform

Scale
and performance

Unified
experience

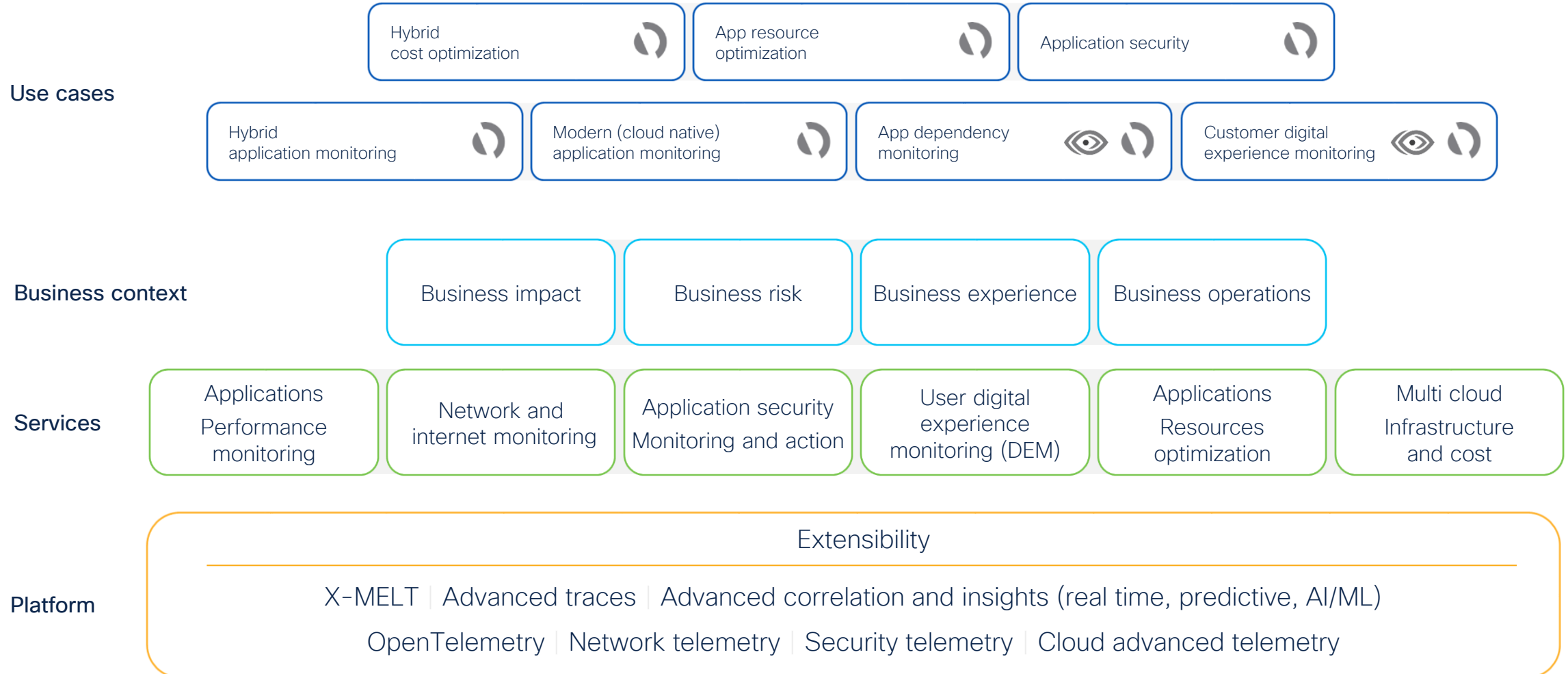
Extensible

Extensibility

X-MELT | Advanced traces | Advanced correlation and insights (real time, predictive, AI/ML)

OpenTelemetry | Network telemetry | Security telemetry | Cloud advanced telemetry

Cisco Full-Stack Observability architecture foundation



Customer interview



You need to see more to solve more.



The bridge to possible

Thank you

CISCO *Live!*

ALL

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