

Innovate freely, operate efficiently

Build on a unified AI and application platform

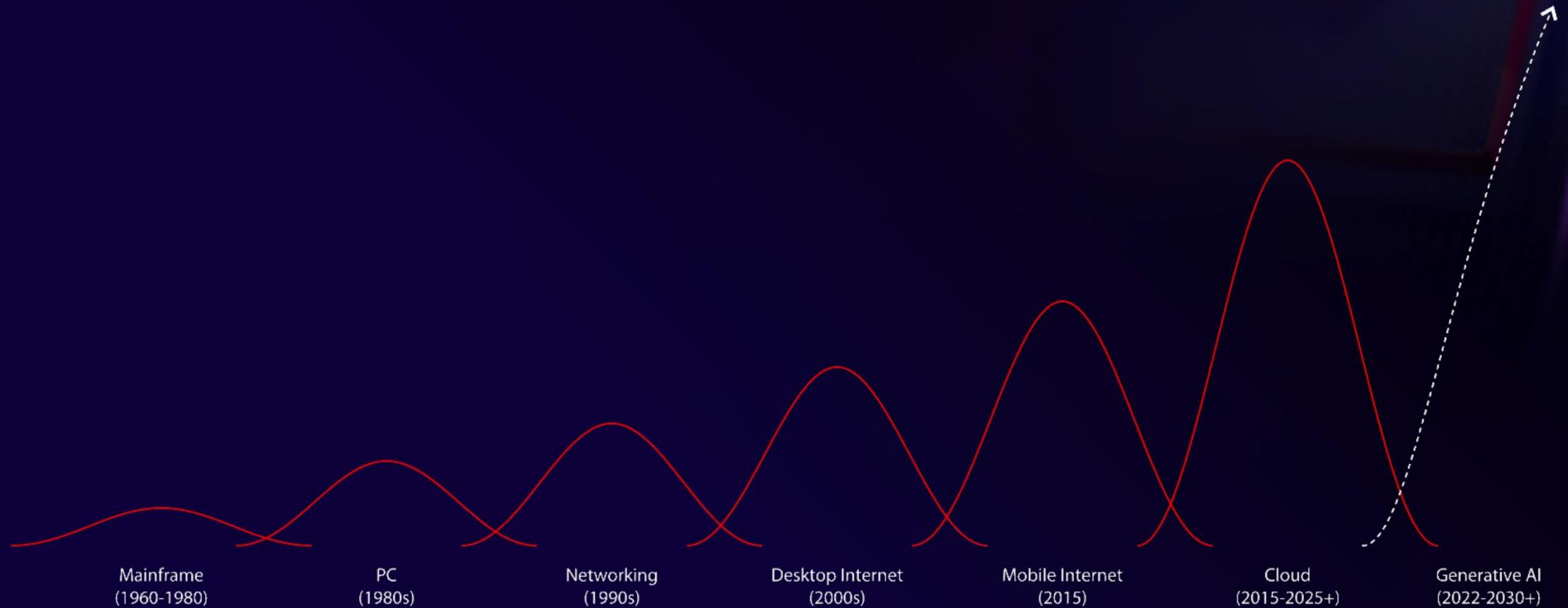


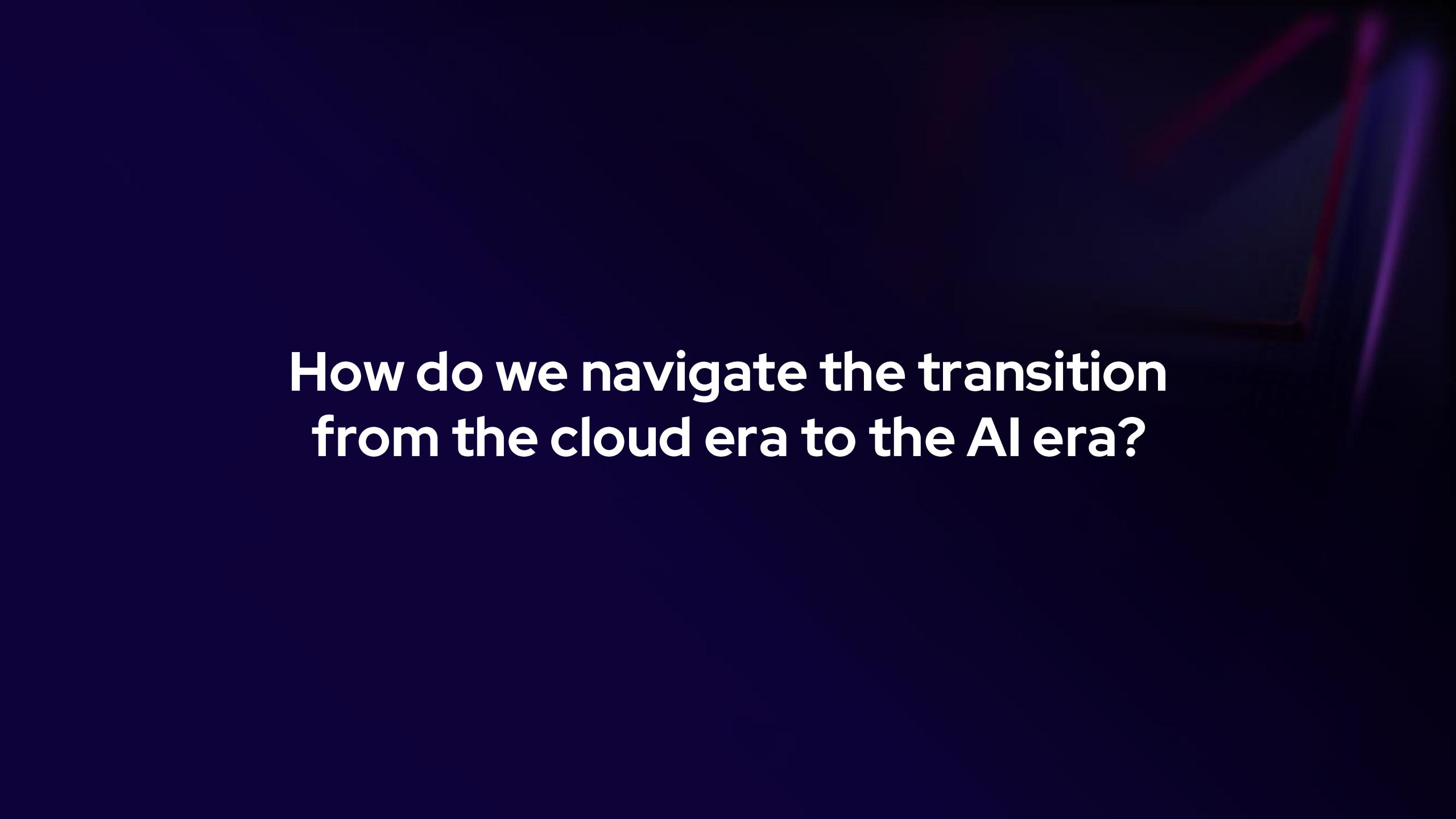
Chris Morgan

Vice President Evangelism & Strategic Initiatives
Red Hat

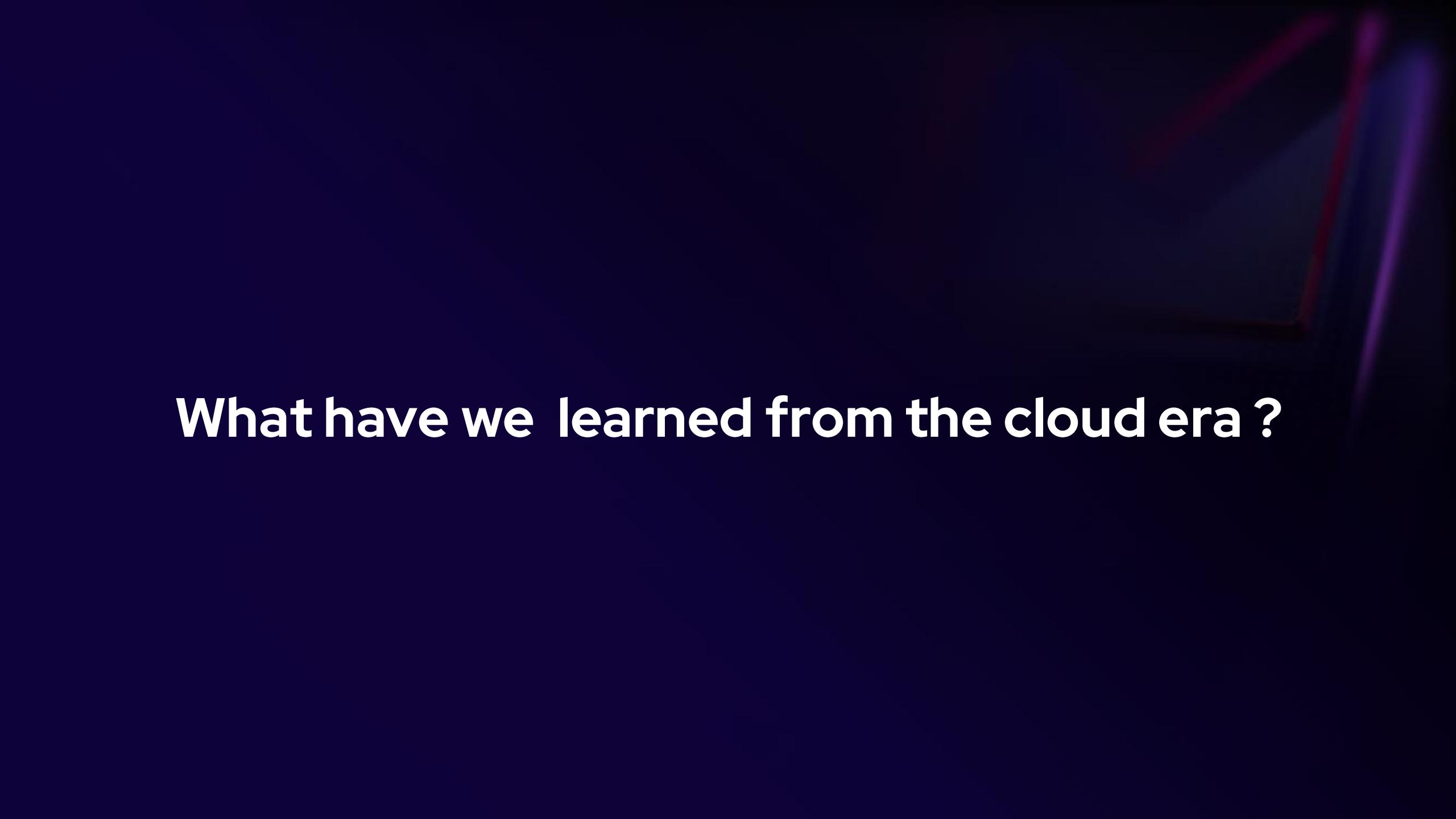


Business is driven by major technology waves

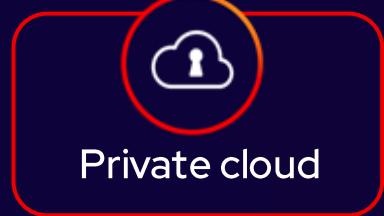
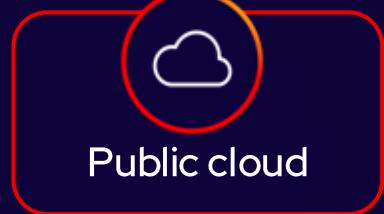




**How do we navigate the transition
from the cloud era to the AI era?**



What have we learned from the cloud era ?



Location

Security

Operations

Deployments

Automation

Consistency

200 Cloud services

200 CNCF projects

Innovation

FinOps

Platform engineering

GitOps

DevOps

Collaboration

Open hybrid cloud

Collaboration

DevOps

Platform
engineering

GitOps

FinOps

Innovation

Workloads

Workloads

Workloads

Consistency

Modern application platform

Integrated containers and virtual machines

Consistent, secure infrastructure platform

Location



Physical



Virtual



Private



Sovereign



Public



Edge

Automation platform

Building success on Red Hat platforms

3-year ROI

540%



Red Hat
Enterprise Linux^[1]

668%



Red Hat
Ansible Automation
Platform^[2]

468%



Red Hat
OpenShift^[3]

[1] "The Business Value of Red Hat Solutions Versus Non-Paid Open Source Alternatives," IDC, March 2023.

[2] "The Business Value of Red Hat Ansible Automation Platform," IDC, March 2024.

[3] "The Total Economic Impact™ Of Red Hat OpenShift CloudServices," Forrester Consulting, Feb. 2024.

Building success across cloud providers



Microsoft Azure

Google

IBM.

ORACLE





"We have 12 clusters across 7 regions, with Red Hat OpenShift standardizing the developer experience regardless of whether it's on-premise or in the cloud. We've streamlined workflows and equipped developers to self-serve with built-in tools with automation (CI/CD), reusable templates, and automated security policies."

Rafael Belanger

Platform Lead,
CAE

Accelerating the developer experience—everywhere

**135,000
pilots trained per year**

3
clouds

12x
more security
vulnerabilities
fixed

2,000
developers



Is there still more opportunity to optimize your cloud?

Efficiency



Modernization



Efficiency



Red Hat
Enterprise
Linux 10

Ansible
Automation
Platform

Red Hat
OpenShift

Simplify deployments

Expand automation

Simplify operations

Efficiency

Red Hat Enterprise
Linux 10

RHEL image mode

RHEL Lightspeed - AI assistant

Cloud-optimized RHEL

Faster RHEL Delivery in 2026 for AI

Red Hat Expands Collaboration with NVIDIA to Pair Enterprise Open Source with Rack-Scale AI for Faster, Production-Ready Innovation

- With the goal of accelerating enterprise AI adoption, Red Hat intends to deliver a complete AI stack optimized for the NVIDIA Vera Rubin platform with Red Hat Enterprise Linux, Red Hat OpenShift and Red Hat AI
- Red Hat Enterprise Linux for NVIDIA aims to provide a Day 0 starting point for faster-moving, customized, open source experiences for rack-scale AI workloads powered by the NVIDIA Rubin platform, backed by Red Hat's commitment to production stability



Efficiency

Ansible Automation Platform

0%

reduction in lead times*

0%

reduction in application performance errors**

0%

reduction in error response times*

0%

improvement in server patching time*

HashiCorp Terraform and Ansible integration

Ansible Lightspeed intelligent assistant

Efficiency

Red Hat
OpenShift

Managed OpenShift in the cloud



Microsoft Azure

Google

IBM

ORACLE

OpenShift Lightspeed - AI assistant

Modernization



Modernizing virtualization

Modernizing IT ops
with automation and AI

Modernizing developer
productivity

OpenShift Virtualization adoption



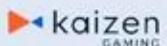
R E I S T
RESEARCH INSTITUTE OF
SOCIETY & TECHNOLOGY



NetApp
orange



NKSOL 日興システムソリューションズ



sahibinden.com





Virtualization partner
ecosystem

Hewlett Packard
Enterprise

TIGERA

f5

ISOVALENT
now part of cisco

ORACLE
CLOUD
Infrastructure

aws

opentext

portworx
by Pure Storage

TRILIOVAULT

NetApp

DELL Technologies

Microsoft

storware

Hitachi Vantara

rubrik

veeam

cisco

Lenovo

Red Hat
OpenShift
Data Foundation

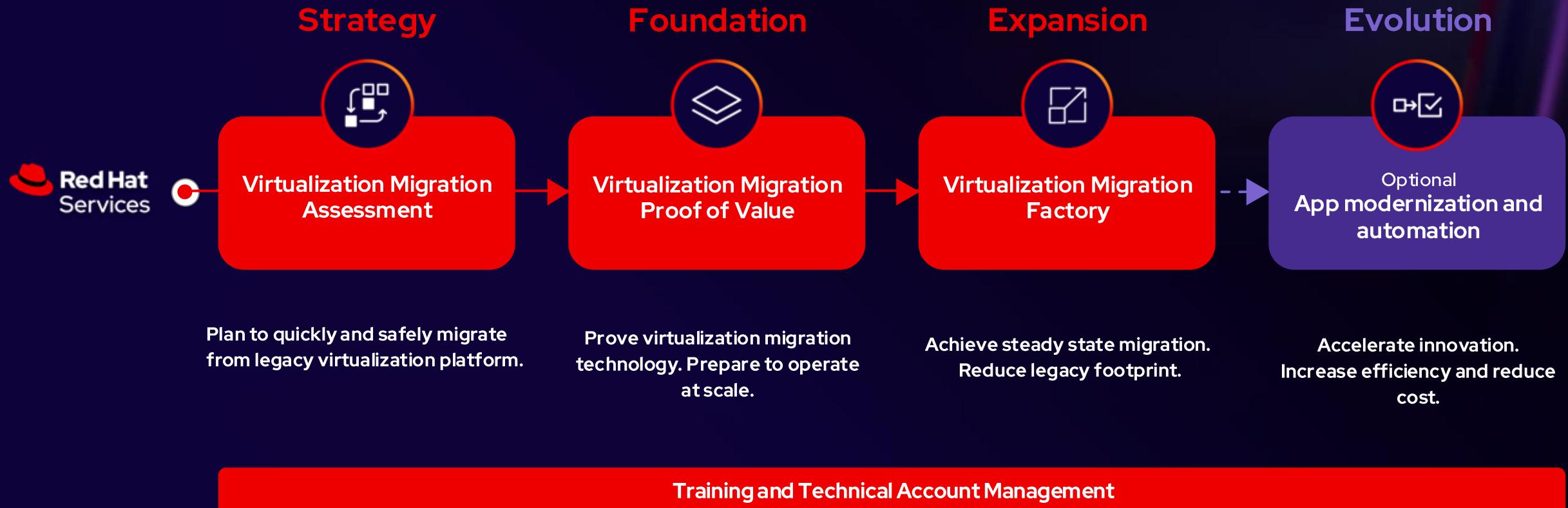
IBM

INFINIDAT

COHESITY

Google Cloud

Modernizing your virtualization infrastructure



بنك الإمارات دبي الوطني

Emirates NBD



صراف آلي ٢٤ ساعة

ATM 24





"Openshift Virtualization provided a well-known interface, reliable and consistent performance. Red Hat's strong innovation and engineering capability, excellent support and well-defined technology roadmap provided us with much needed certainty in a challenging environment."

Nick Grimm

Head of Cloud Compute,
Emirates NBD

Real-world, large-scale virtualization migration

**9,000+
virtual machines migrated**

70%
app landscape
running on RHEL

140
average VMs
migrated per night

37,000
containers on
OpenShift



Modernizing IT operations



Standardize automation operations

Ansible Automation Platform



Event-driven automation & AIOps

Event-Driven Ansible +
Ansible Lightspeed



Policy enforcement of all automation

Ansible Policy as Code

86%
of organizations are
**developing cloud-native
applications**¹

76%
of organizations say
learning our architecture requires
high cognitive load, limiting
productivity¹

156%
YoY growth of
malicious packages²

Modernize developer productivity

Red Hat Advanced Developer Suite

Better
security

Better
collaboration

Faster
deployments

Trusted Software
Supply Chain

Red Hat Developer
Hub

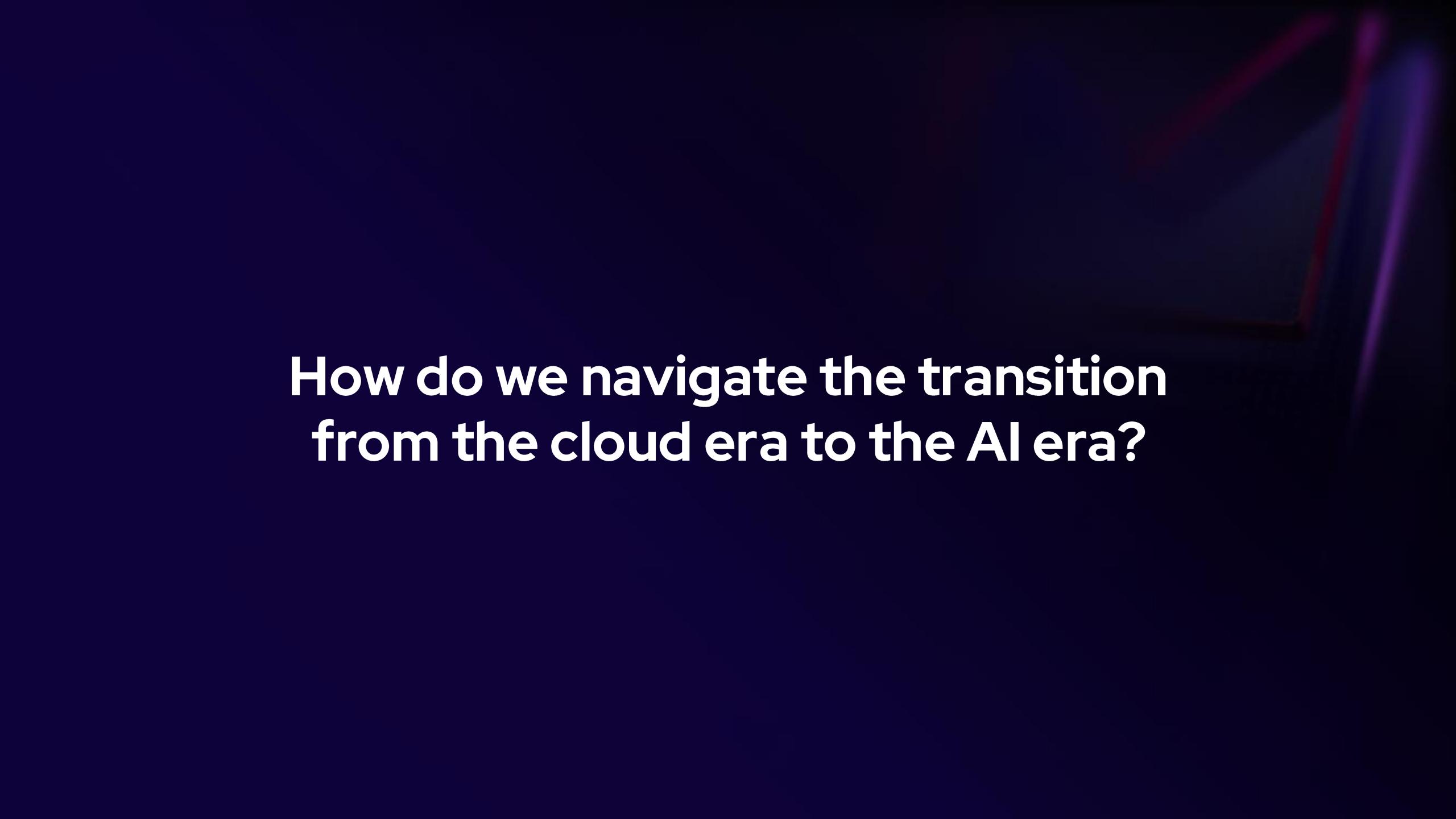
OpenShift GitOps &
OpenShift Pipelines

Open hybrid cloud



[1] "State of Platform Engineering in the Age of AI," A Red Hat report, conducted by Illuminas, Oct. 2024.

[2] "State of the Software Supply Chain," Sonatype, Oct. 2024.



**How do we navigate the transition
from the cloud era to the AI era?**





"Thanks to Red Hat and OpenShift AI, our business teams—our citizen data scientists—can build their own models quickly and independently."

Emre Yavuz

Head of Data and AI,
Turkish Technology - Technology
Company of Turkish Airlines

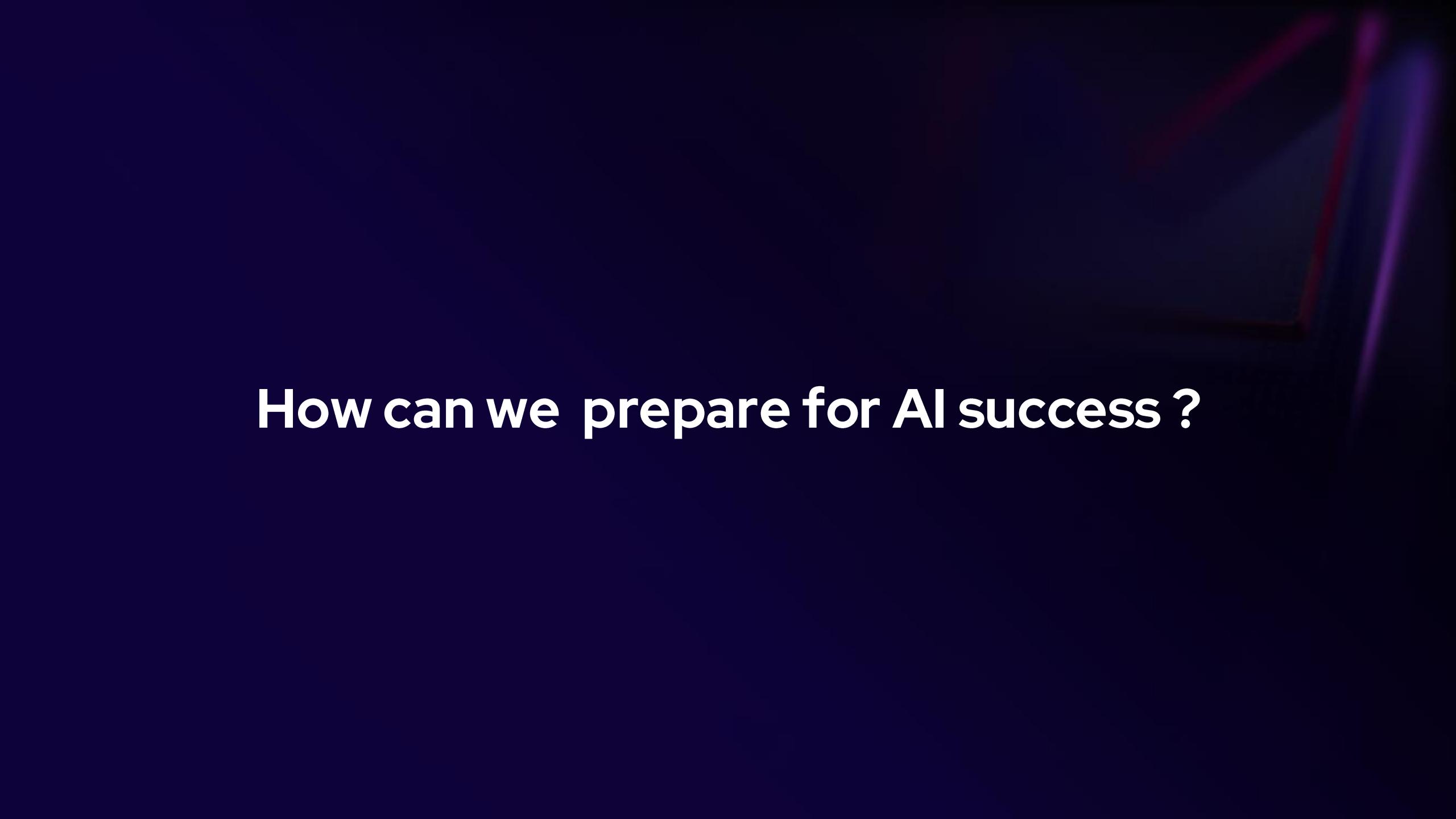
Accelerating the developer experience—everywhere

\$10M
saved annually in fuel costs

Dynamic pricing
Fraud prevention
Customer service
Operations optimization
Logistics optimization

60	40
AI models in production	AI models in development





How can we prepare for AI success ?

AI is a strategic enabler across industries

Predictive AI runs businesses today; generative AI brings innovation to the enterprise

Revenue generation

- ▶ Chatbots
- ▶ Campaign and content marketing
- ▶ Developer assistants
- ▶ Guided selling
- ▶ Product innovation

Cost optimization

- ▶ Automated AI support
- ▶ Knowledgebase search & summarization
- ▶ Doc summarization
- ▶ AI-optimized logistics
- ▶ Augmented product R&D

Risk management

- ▶ Sentiment analysis
- ▶ Predict employee attrition
- ▶ Contract risk assessment
- ▶ Fraud detection
- ▶ AI-assisted security operations

AI demand is high, but there are risks



55%

of leading digital organizations picked
AI as a top new investment priority¹

58%

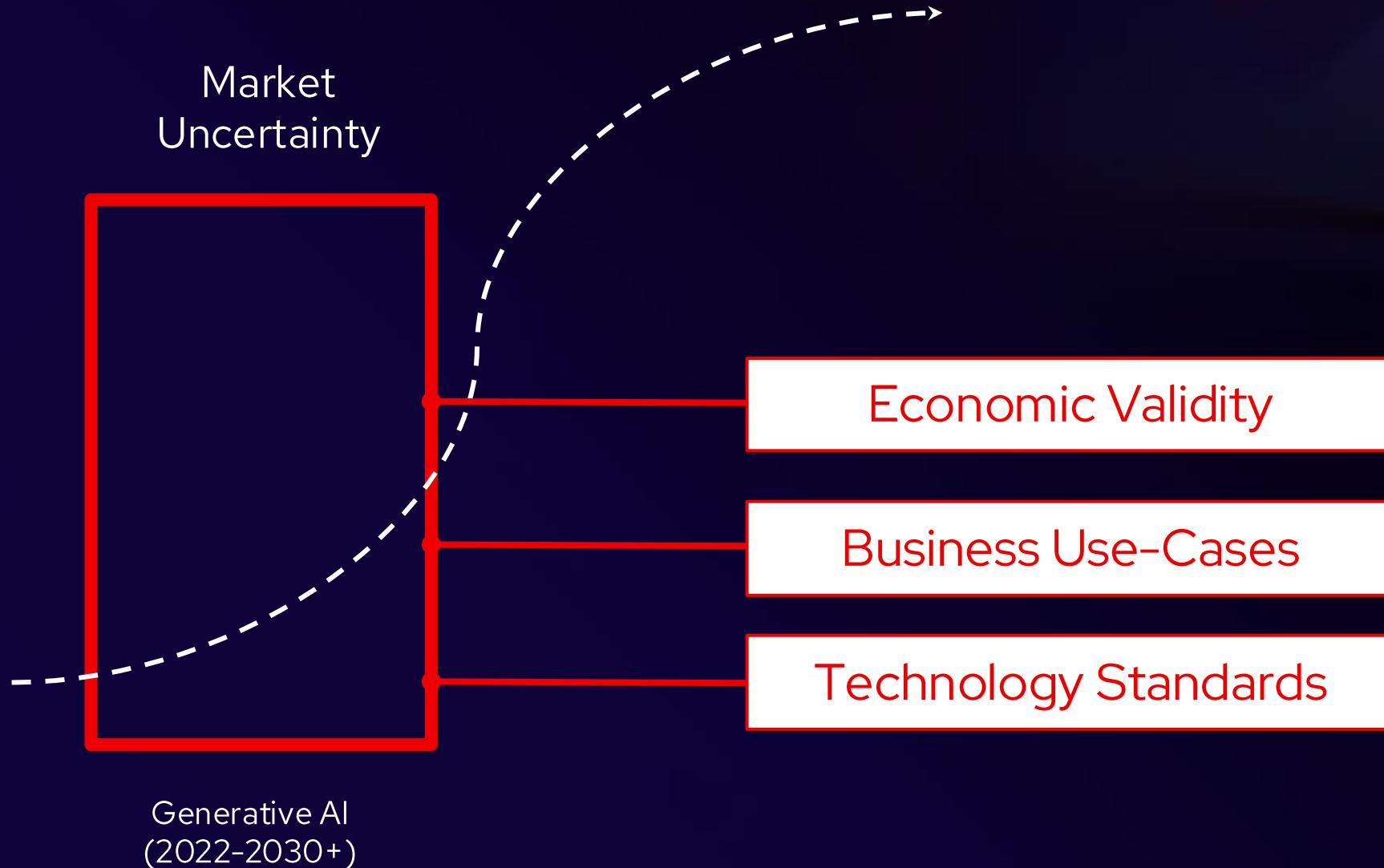
of CIOs will spend more than
5% of their CY25 IT budget on gen AI²

95%

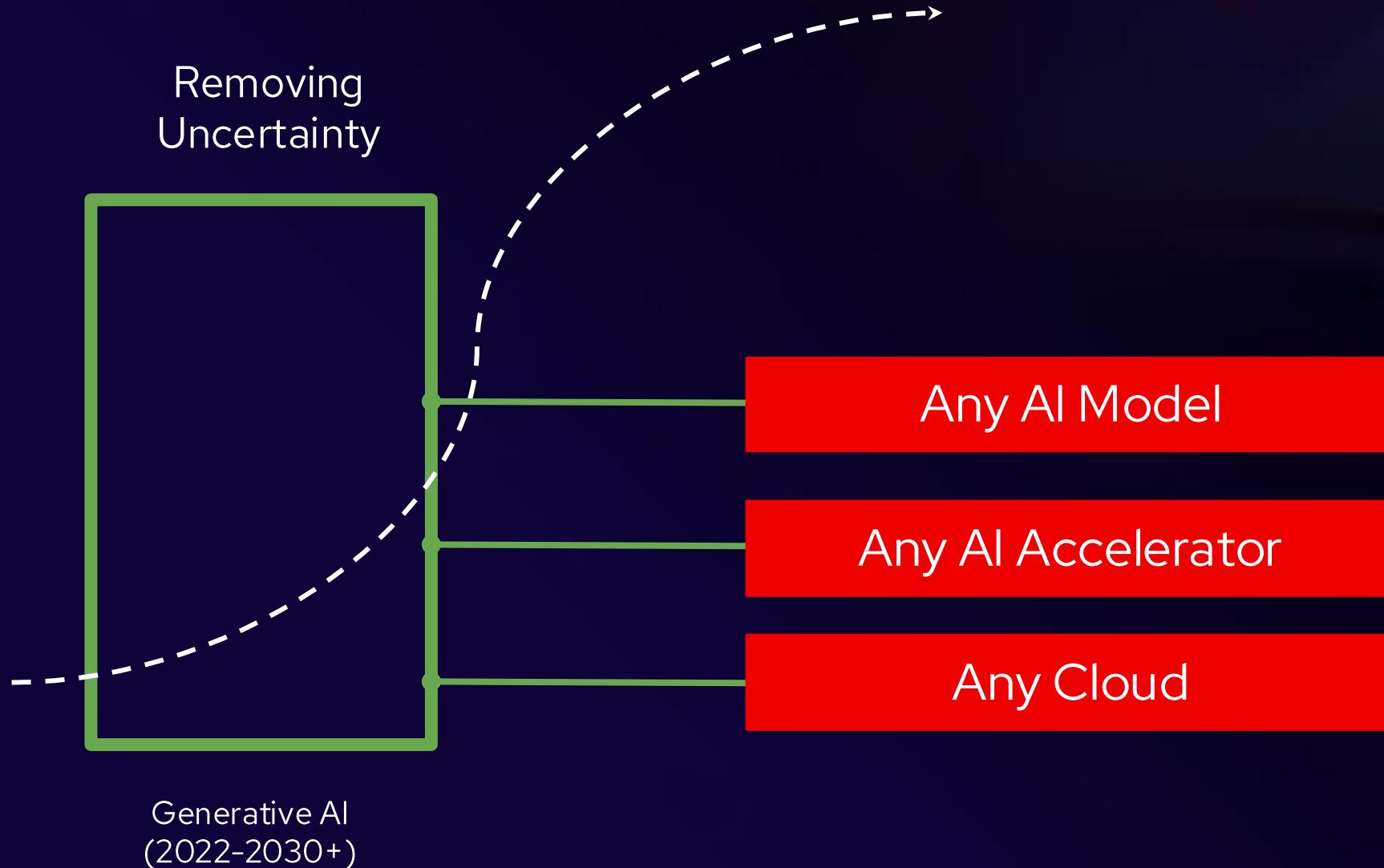
Of organizations are getting zero return on their Gen AI
projects³

A striking number of executives
believe that **AI is going to**
revolutionize their business.

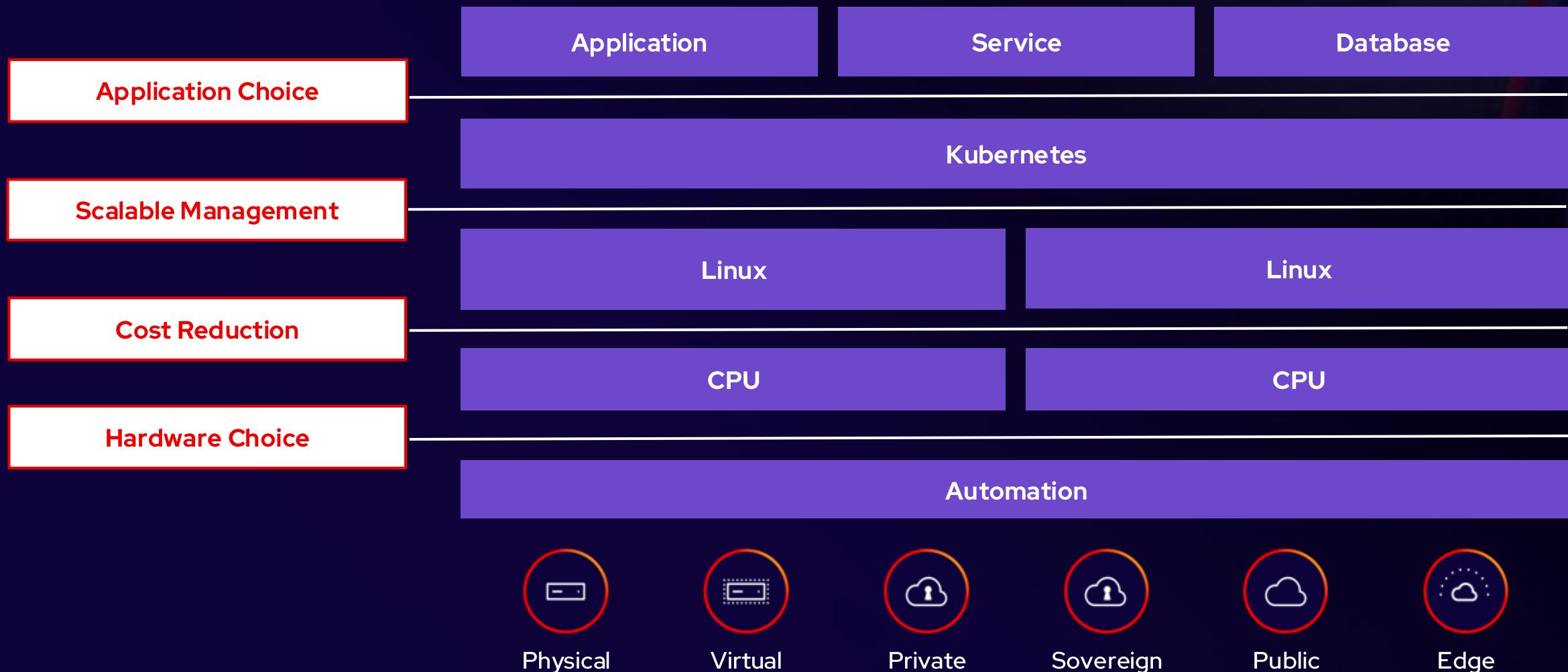
The uncertainty of the AI transition



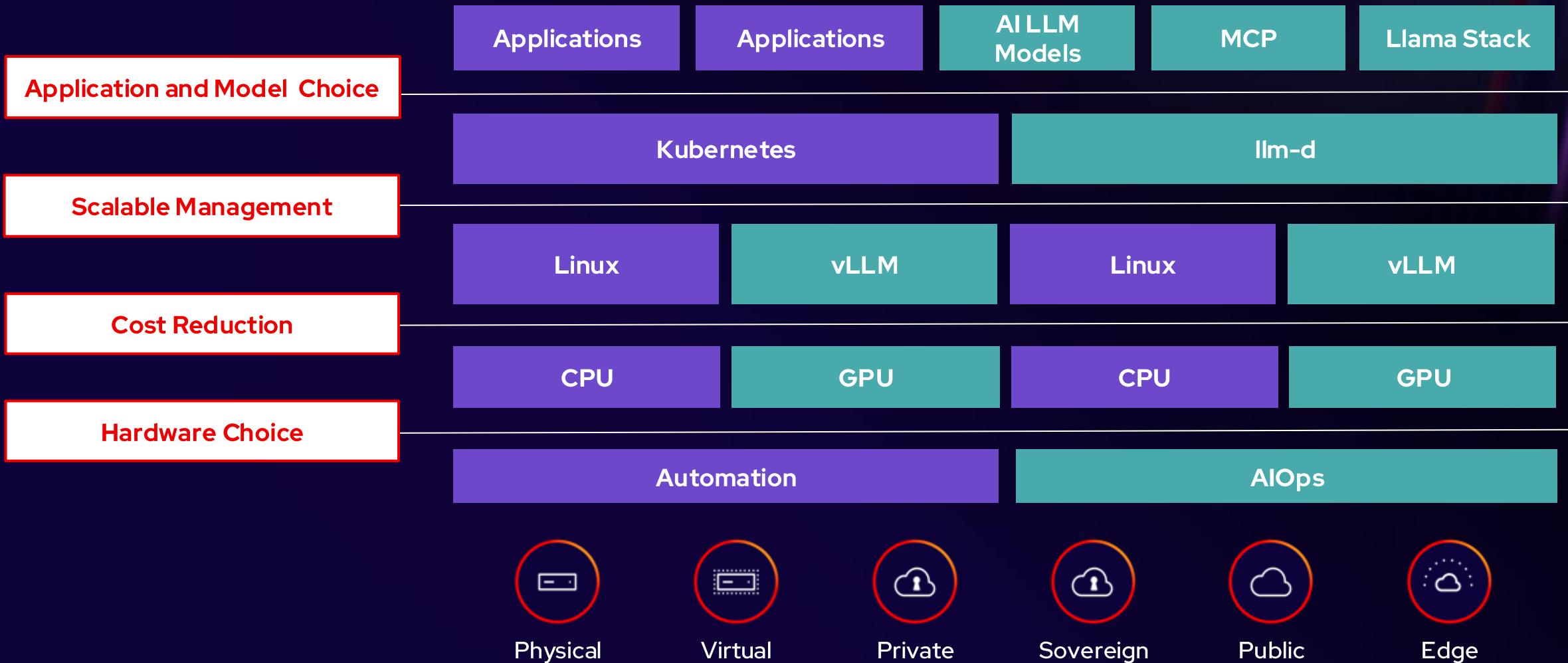
Red Hat and AI - Enabling AI Success



Open Hybrid Cloud enabled Cost Reduction, Choice, and Flexibility

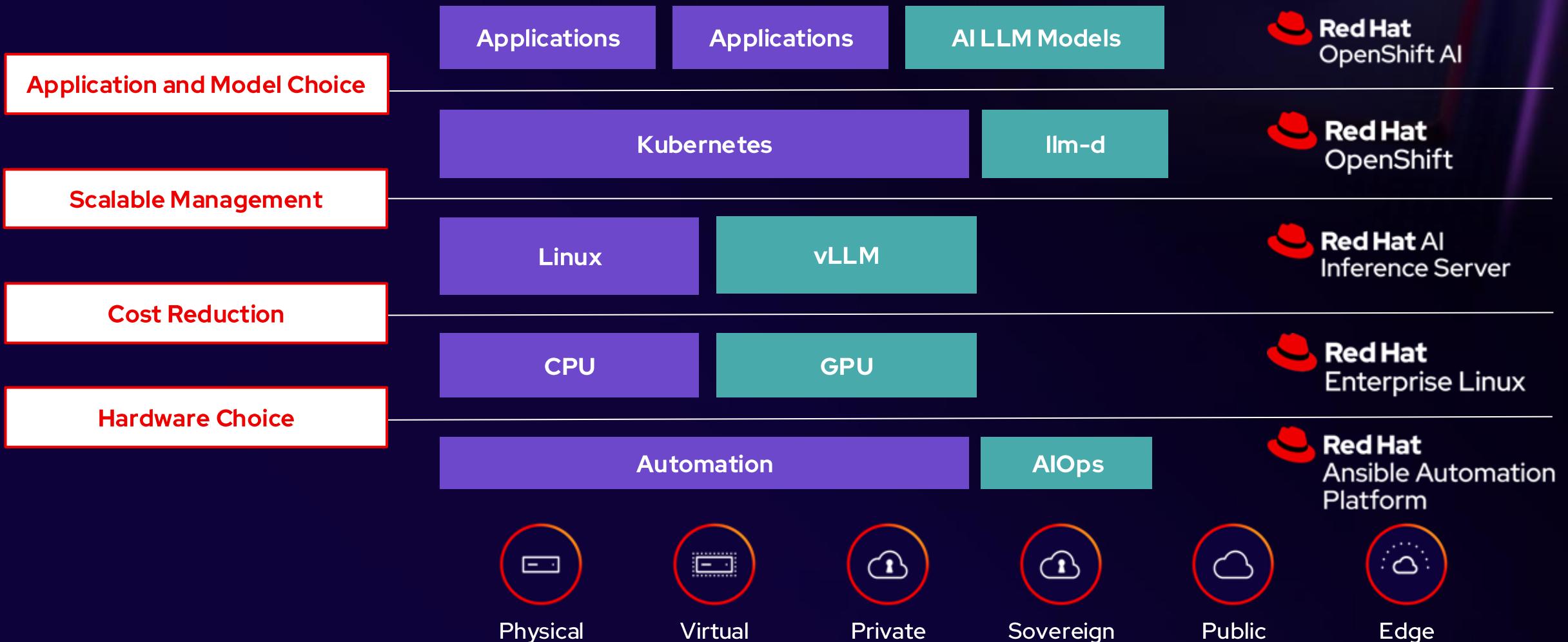


Open Hybrid Cloud + AI enables Cost Reduction, Choice, and Flexibility



Red Hat and Red Hat AI

Open, Agentic, Enterprise-Ready



Red Hat AI 3

Single Platform for Any Model, Any Accelerator, Any Cloud



Flexible, Efficient
Inference

Connecting Models
to Data

Agentic
AI

AI
Platform



Demo



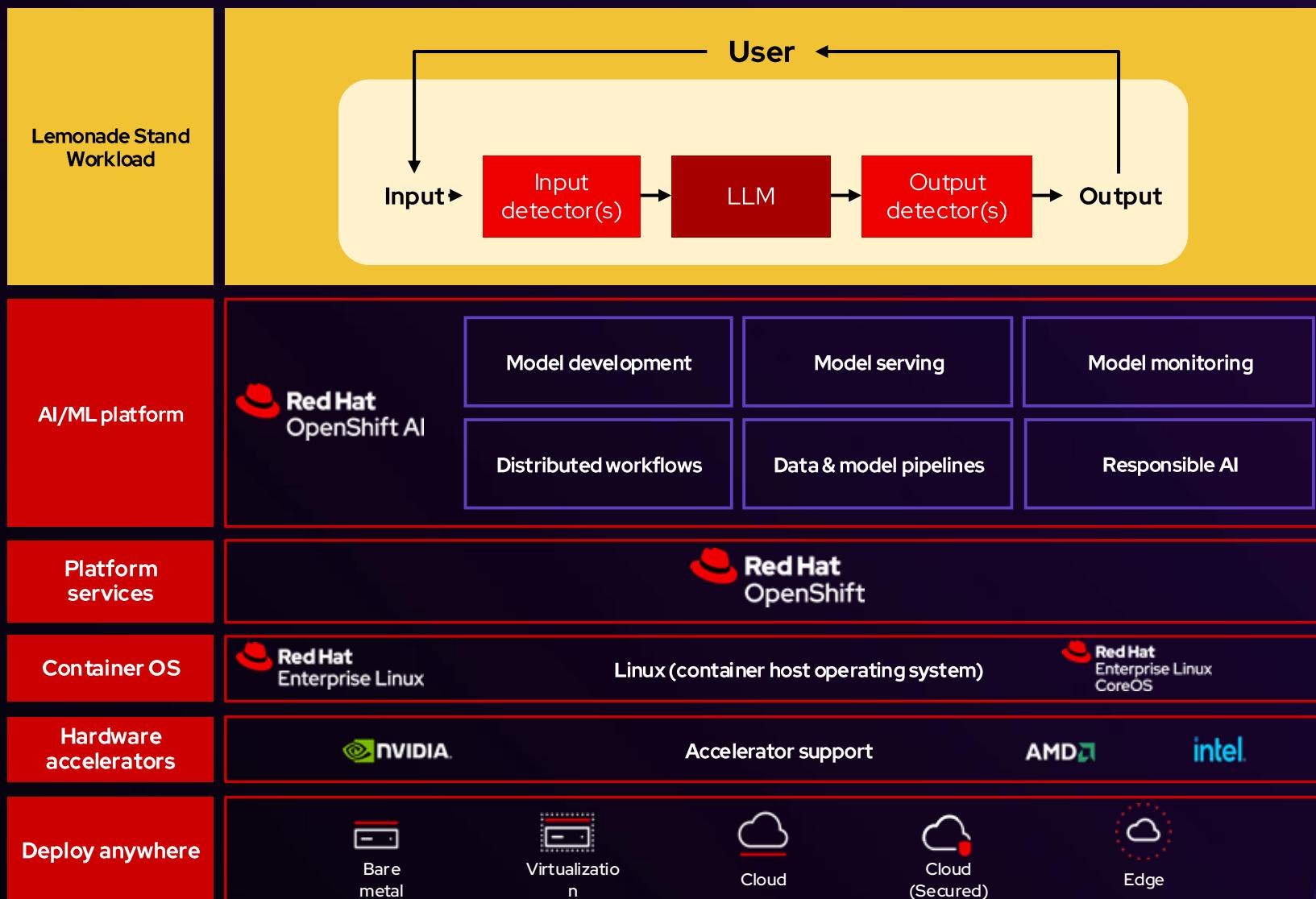
Prompt hacking is real

Chevy Dealer's AI Chatbot Allegedly Sold A New Tahoe For \$1, Recommended Fords

By Lewin Day · December 18, 2023 · 9:05 am · 55 Comments



AI security and cost-efficient AI inference





red.ht/lemonade-stand



Open Hybrid Cloud + AI enables successful Technology Era transition



Red Hat AI

Accelerate the development and delivery
of AI solutions across hybrid cloud environments



Red Hat Open Hybrid Cloud

Red Hat
Summit

Connect

Unlock
what's next

