aws

VDI migration innovation with Amazon WorkSpaces

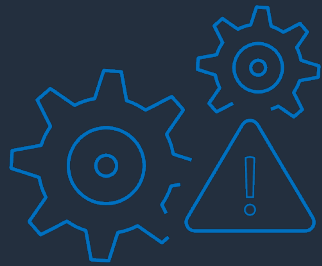Kevin Goodman

Director, AWS End User Computing

Agenda

- Common challenges with VDI cloud migration

- Introducing Amazon WorkSpaces Core

- Meeting your business objectives with Amazon WorkSpaces Core

- Amazon WorkSpaces Core–VDI migration considerations

- How can I get started with Amazon WorkSpaces Core

Market challenges for VDI cloud migration

"The most significant market development in 2021 was the collapse of the IT operations population supporting end-user computing."

− Shannon Kalvar, IDC

Managing complexity across hybrid cloud and on-premises VDI deployments

Retraining or replacing IT staff to support cloud infrastructure

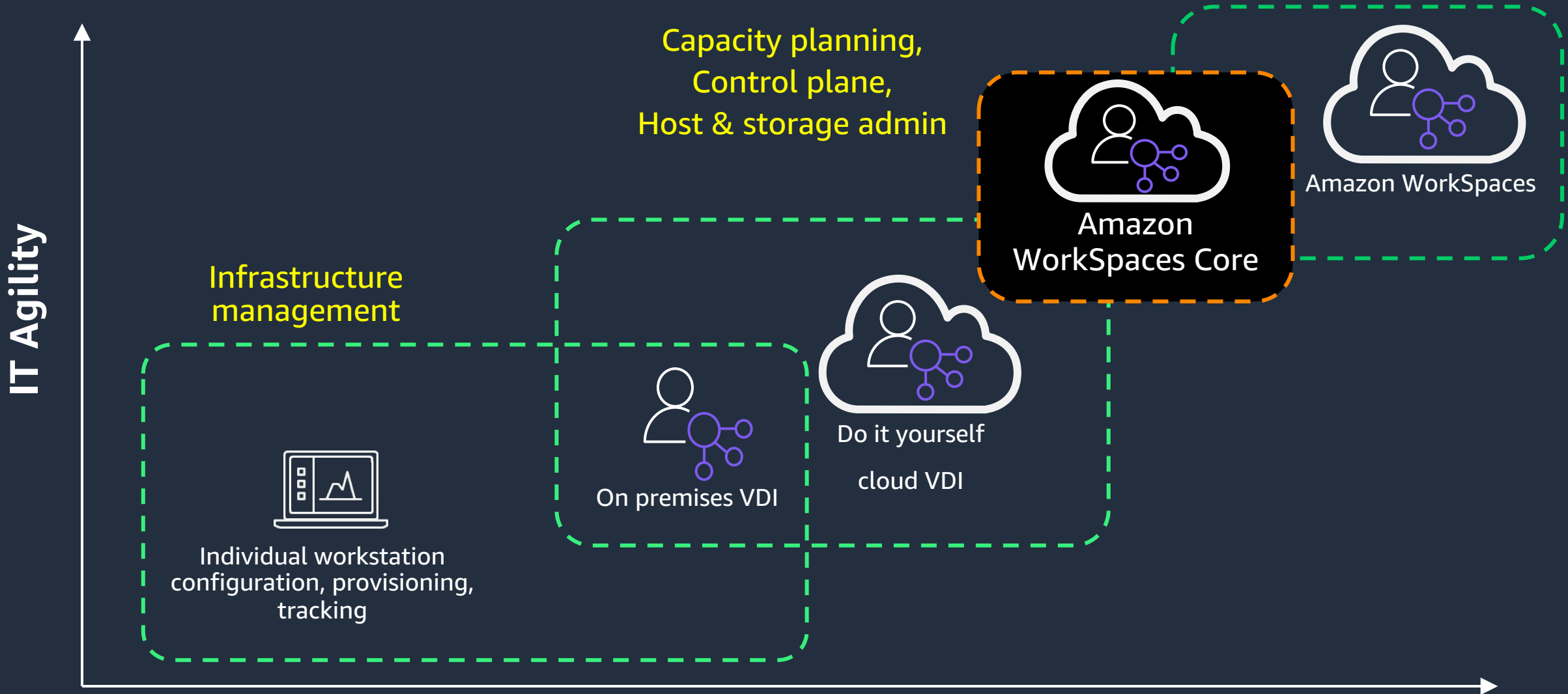**Unnecessary spending** driven by continuous over/under capacity management

Introducing WorkSpaces Core

WorkSpaces Core allows customers and partners to build customized VDI solutions using select, purpose-built components from Amazon WorkSpaces fully managed infrastructure

aws

AWS EUC INNOVATION DAY | SEPTEMBER 2022

Evolution of the virtual desktop

Fully managed
Scale on demand
Pay as you go

IT Agility

Capacity planning,
Control plane,
Host & storage admin

Amazon
WorkSpaces Core

Amazon WorkSpaces

Infrastructure
management

Do it yourself

cloud VDI

On premises VDI

Individual workstation
configuration, provisioning,
tracking

Security /Reliability/Cost Savings

Amazon Workspaces Core–Infrastructure only offering

Rapid deployment

Deploy VDI workloads on Amazon WorkSpaces Core from existing VDI management solutions

Rapid deployment

Curated machine choices for desktop user personas make it easier to get started

Unified management

Manage cloud hosted and on premises workloads from single management platform

Eliminate cloud infrastructure learning curve for IT administrators

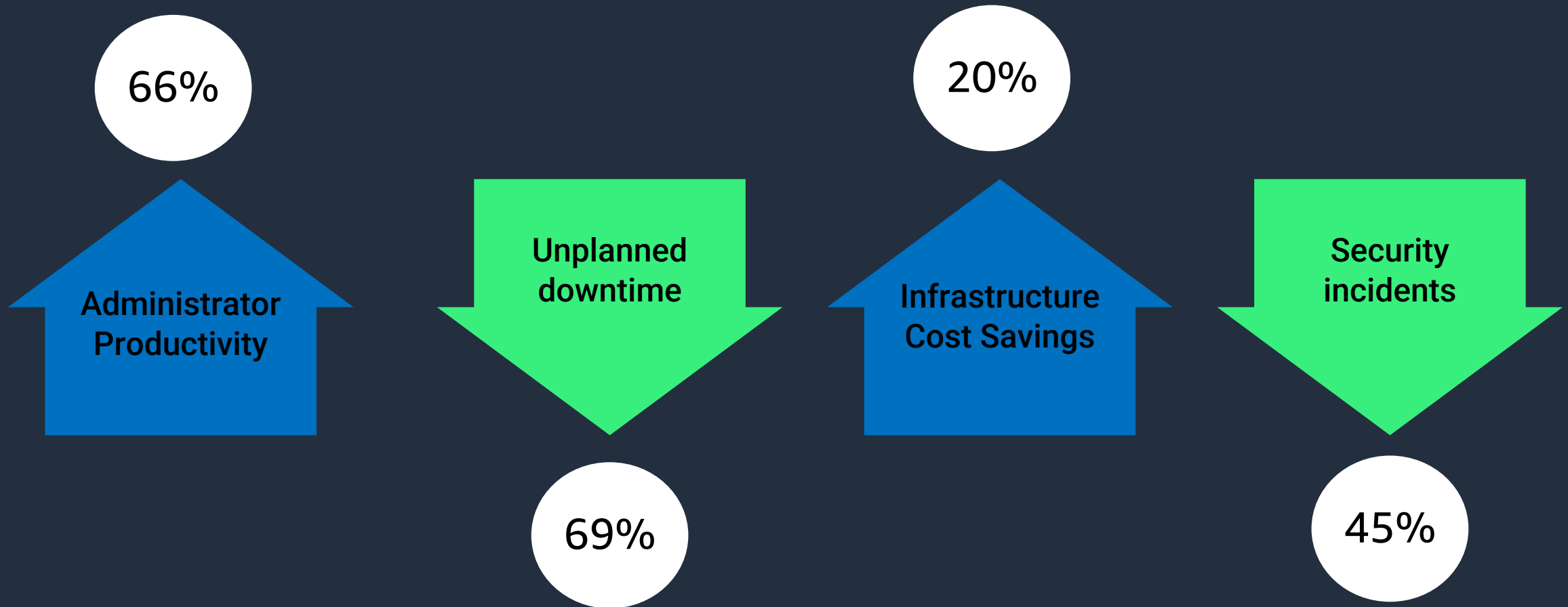Visibility across entire VDI user base

Optimized spending

Fixed rate - Pay-as-you-go

No upfront costs

Auto-Stop/hibernate

aws

Leverage the power of AWS
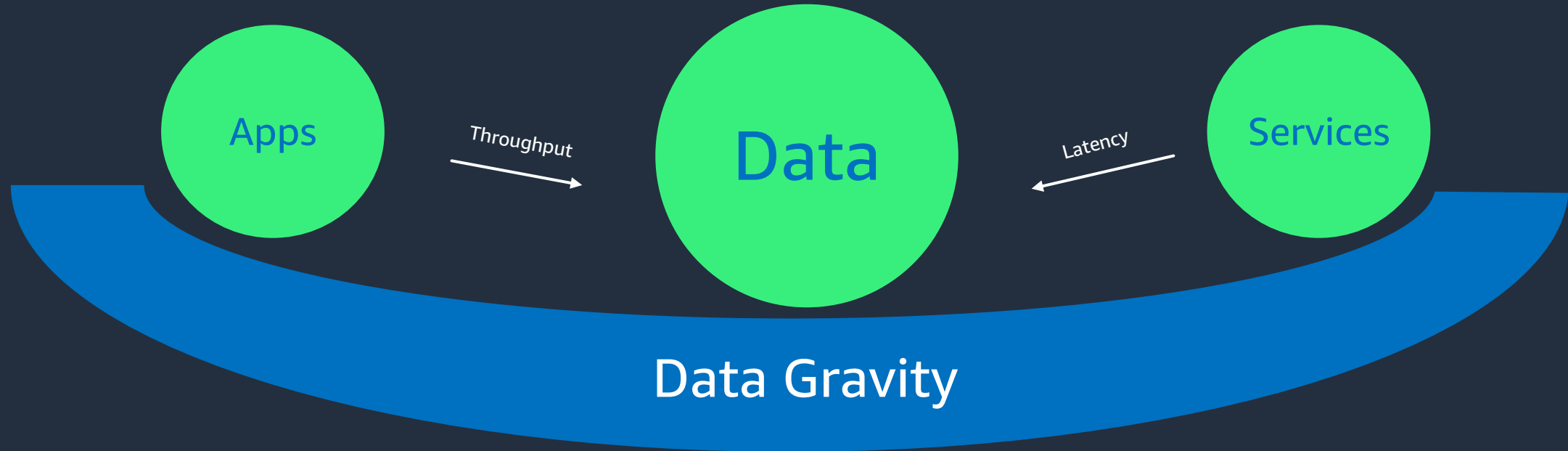## Organizations who migrated to AWS from on-premises saw on average:

66%

Administrator Productivity

Unplanned downtime

69%

20%

Infrastructure Cost Savings

Security incidents

45%

The Hackett Group January 2022

Improve IT agility

On-premises VDI	Build Your Own - Cloud VDI	WorkSpaces Core	WorkSpaces
Image management	Image management	Image management	Image management
Directory services & policies	Directory services & policies	Directory services & policies	Directory services & policies
VDI control plane install & admin	VDI control plane install & admin	VDI control plane install & admin	VDI control plane install & admin
Host admin	Host admin	Host admin	Host admin
Storage admin	Storage admin	Storage admin	Storage admin
Load balancers install & admin	Load balancers install & admin	Load balancers install & admin	Load balancers install & admin
Hypervisor install & admin	Hypervisor install & admin	Hypervisor install & admin	Hypervisor install & admin
Physical security	Physical security	Physical security	Physical security
Power, HVAC	Power, HVAC	Power, HVAC	Power, HVAC
Rack and stack	Rack and stack	Rack and stack	Rack and stack

Partner/Customer managed
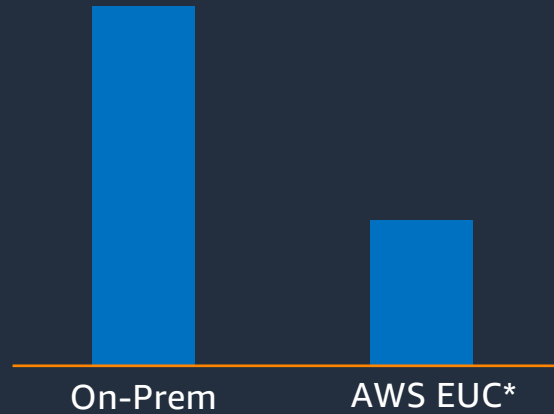
Customer managed

Service managed

aws

Spend efficiently and control costs
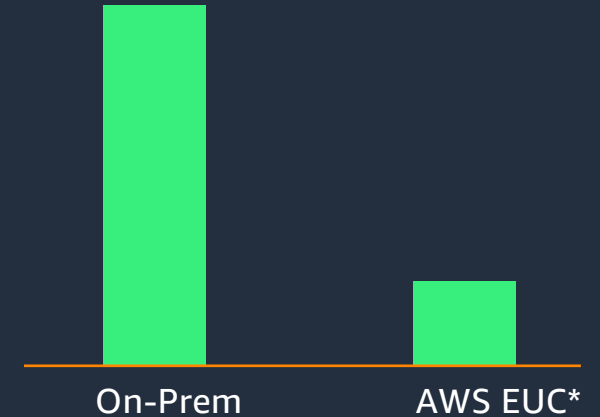## Forrester–Total Economic Impact

Cost savings (TCO)

Infrastructure cost savings/ avoidance from moving to the cloud

On-Prem   AWS EUC*

41%

Savings over 3 years with on-prem hardware/software refresh

On-Prem   AWS EUC*

15%

Savings over 3 years with no on-prem hardware/software refresh

*AWS EUC service is AppStream 2.0 (Always-On)
41% Assumes 1 complete hardware & software refresh during this time period
Without a hardware & software refresh during this time period, savings is closer to 5% yearly; 15% over 3 years

WorkSpaces Core–VDI migration considerations

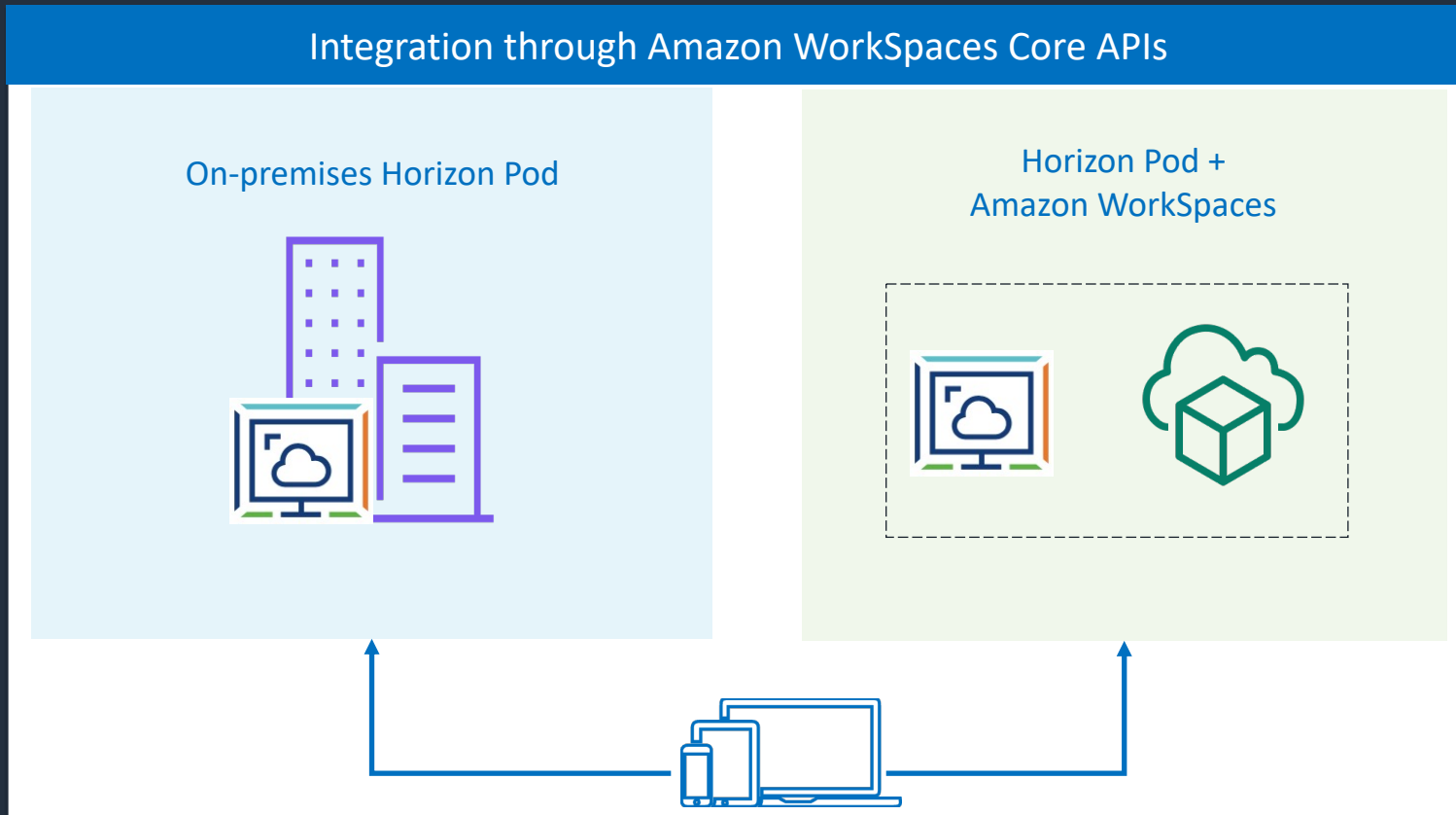**Consistent user and administrative experience**

Flexibility and choice for VDI clients and protocols

Hybrid VDI support with coordinated technical support

VMware Horizon and Amazon WorkSpaces Core

PROVIDING FLEXIBILITY AND CHOICE FOR YOUR VDI AND DAAS ENVIRONMENTS

Integration through Amazon WorkSpaces Core APIs

On-premises Horizon Pod

Horizon Pod +
Amazon WorkSpaces

Choose to deploy Horizon anywhere, including Amazon WorkSpaces

Deliver great end user experience and performance for improved productivity

Leverage the reliability, security, and distributed nature of AWS infrastructure

Amazon WorkSpaces family of services

Fully managed, secure, reliable, virtual desktops for every workload

WorkSpaces	**WorkSpaces Core**	**WorkSpaces Web**
All-inclusive virtual desktop solutions supporting Ubuntu Desktop, Amazon Linux, and Microsoft Windows	*Virtual desktop infrastructure APIs for 3rd party VDI software*	*Secure browser solution for access to internal websites and SaaS apps*

Managed Infrastructure

Secure

Reliable

Scalable / Pay-as-you-go

User Interface

Desktop: WorkSpaces	Desktop: 3rd party	Secure browser

Configurability

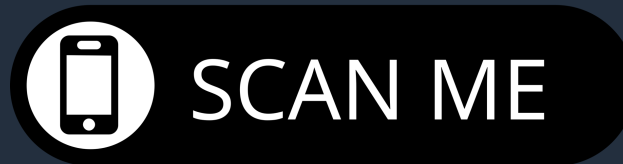| CPU, memory, operating system, GPU-accelerated config options	>300 enterprise policies

Amazon WorkSpaces trusted infrastructure
Serving tens of thousands of customers

ISV

How do I get started with WorkSpaces Core?

SCAN ME

To learn more, visit
https://aws.amazon.com/workspaces/workspaces-core

Thank you!

Give us your feedback
Take the survey

SCAN ME

VDI migration innovation with Amazon WorkSpaces – Kevin Goodman