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PRODUCT INNOVATION AND TECHNICAL VISION

David Wu, CTO

WHERE WE HAVE BEEN

WHERE WE ARE NOW

WHERE WE ARE HEADED

LOCATION-INDEPENDENT COMPUTING

Turns distance and location into a competitive advantage by allowing IT to have the flexibility to host apps and data in optimal locations while ensuring flawless delivery and best user experiences

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IT should not be constrained
by the limitations imposed by
distance and location.

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IT should be allowed to
place workloads and data
in the optimal location,
directed by business needs.

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IT should

be free of performance and visibility limitations.

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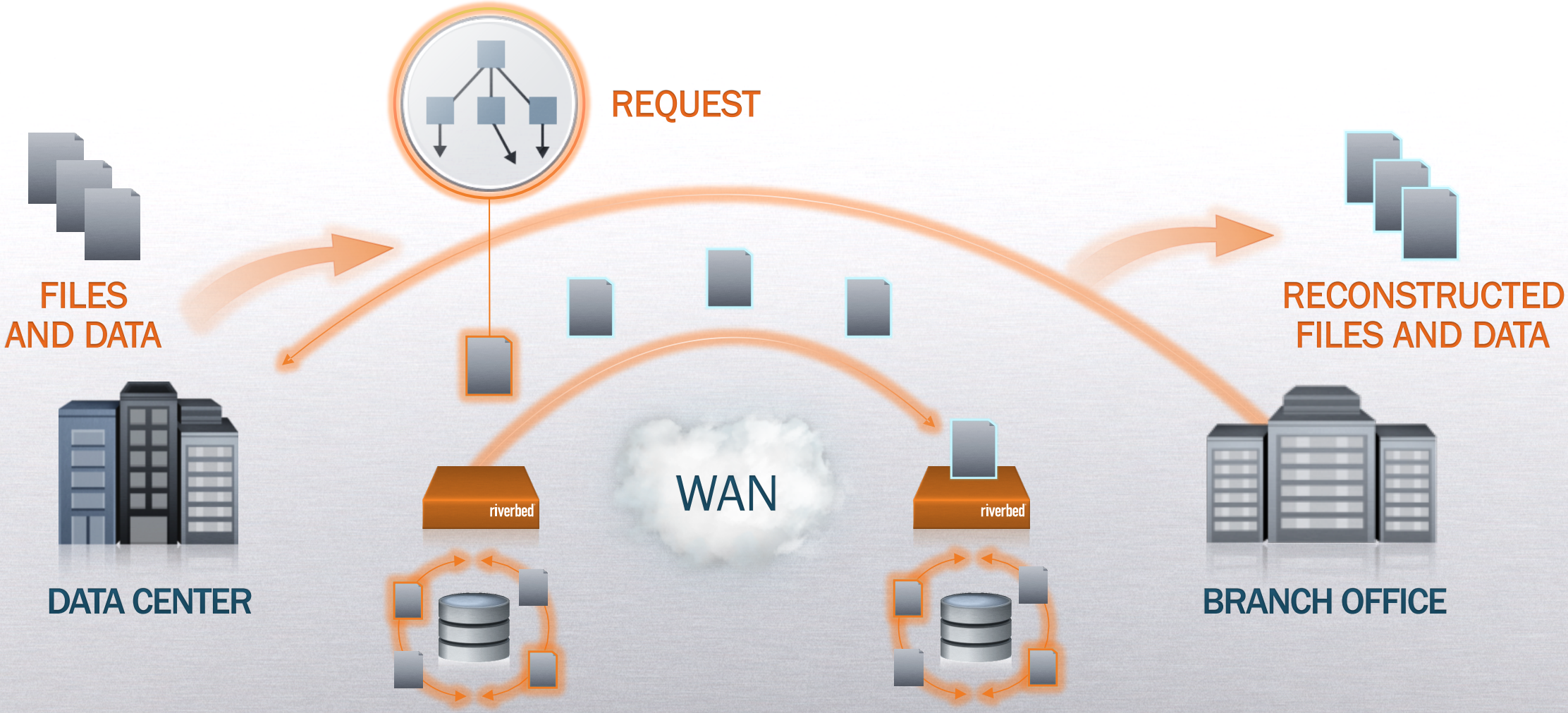
“We speed up networks”


REQUEST
FILES
AND DATA
RECONSTRUCTED
FILES AND DATA
riverbed
WAN
riverbed
DATA CENTER
BRANCH OFFICE

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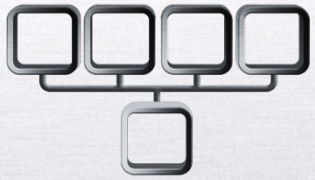
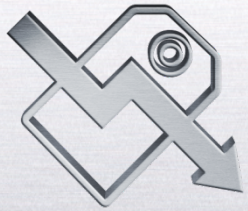
We Solved Customer Problems in Unique Ways



Consolidate Infrastructure

Collaborate Globally



Save Money, Reduce Risks

Improve User Experience

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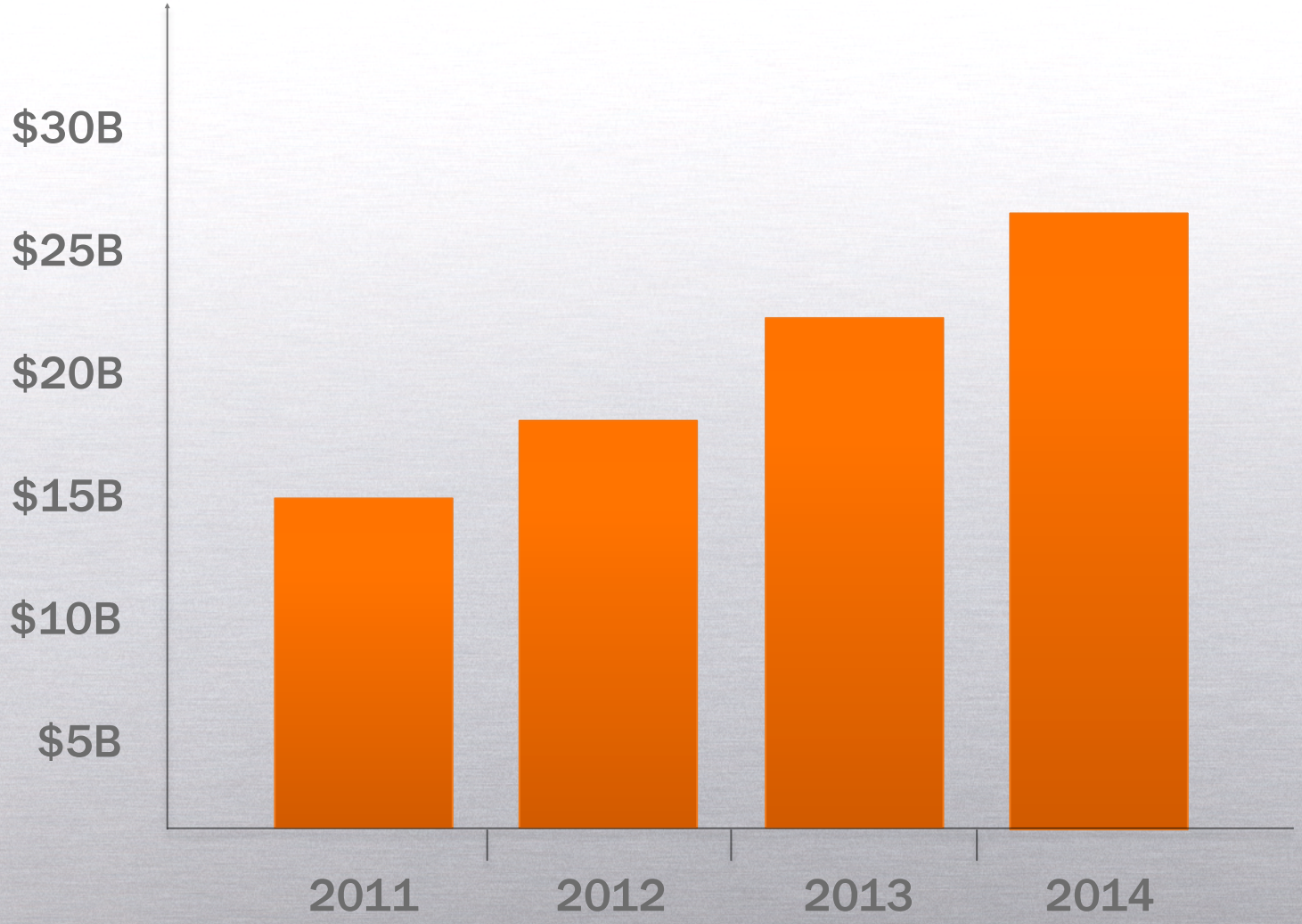
The User's Perspective

Over $24B Will be Spent on SaaS by the End of Next Year



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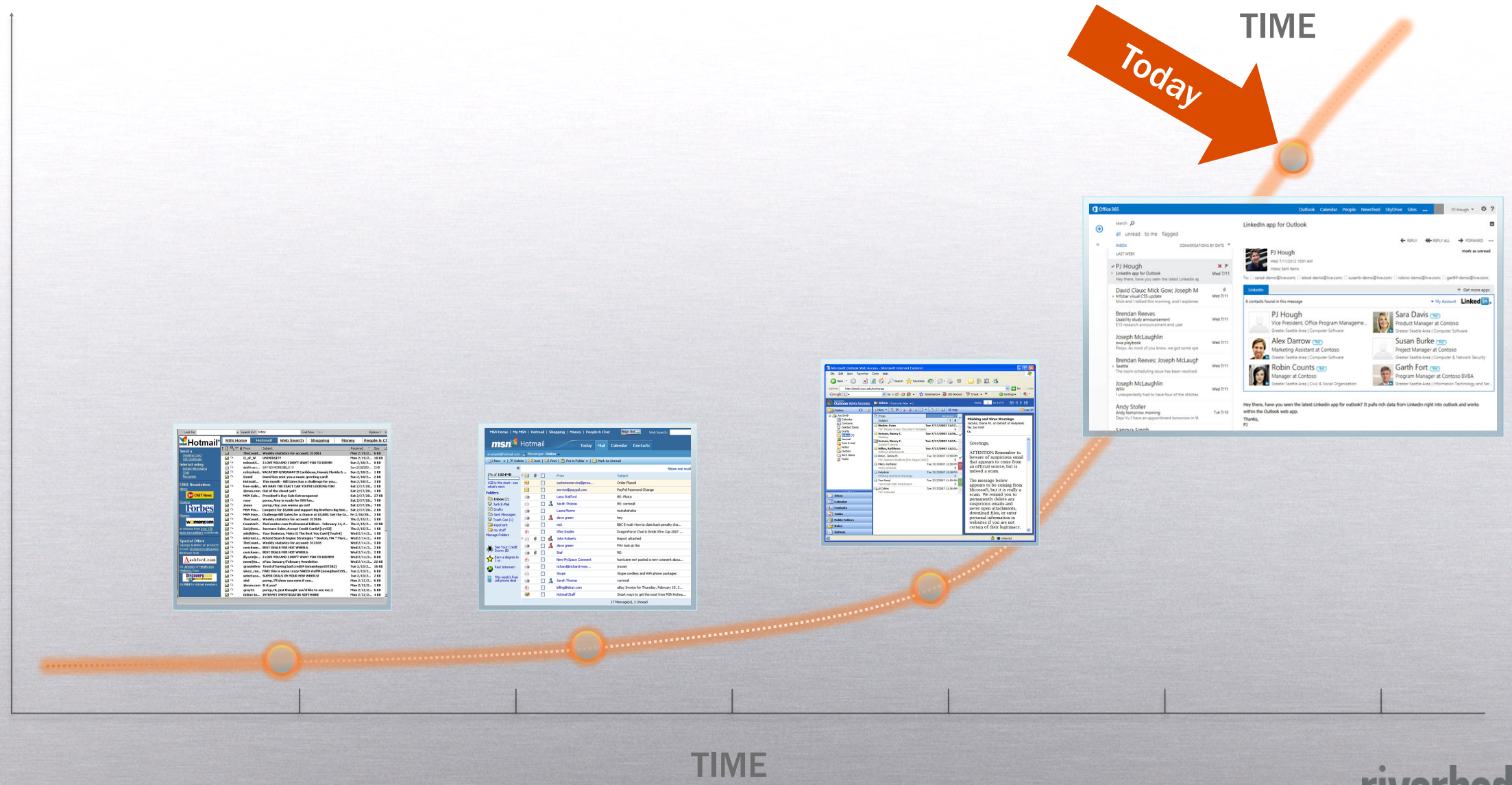
Web Apps Now Feature Rich and Fully Capable



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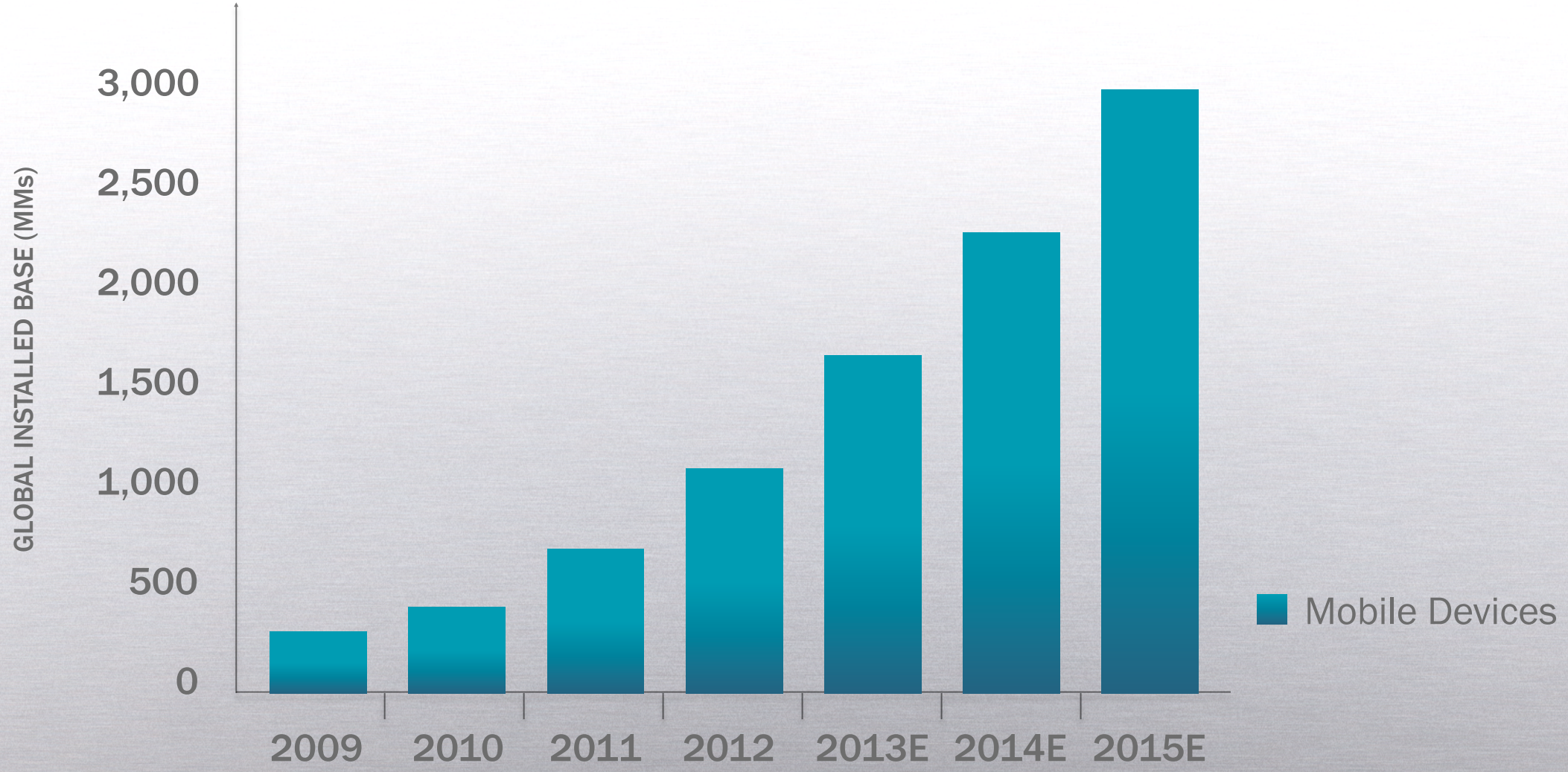
Explosive Growth of Mobile Devices



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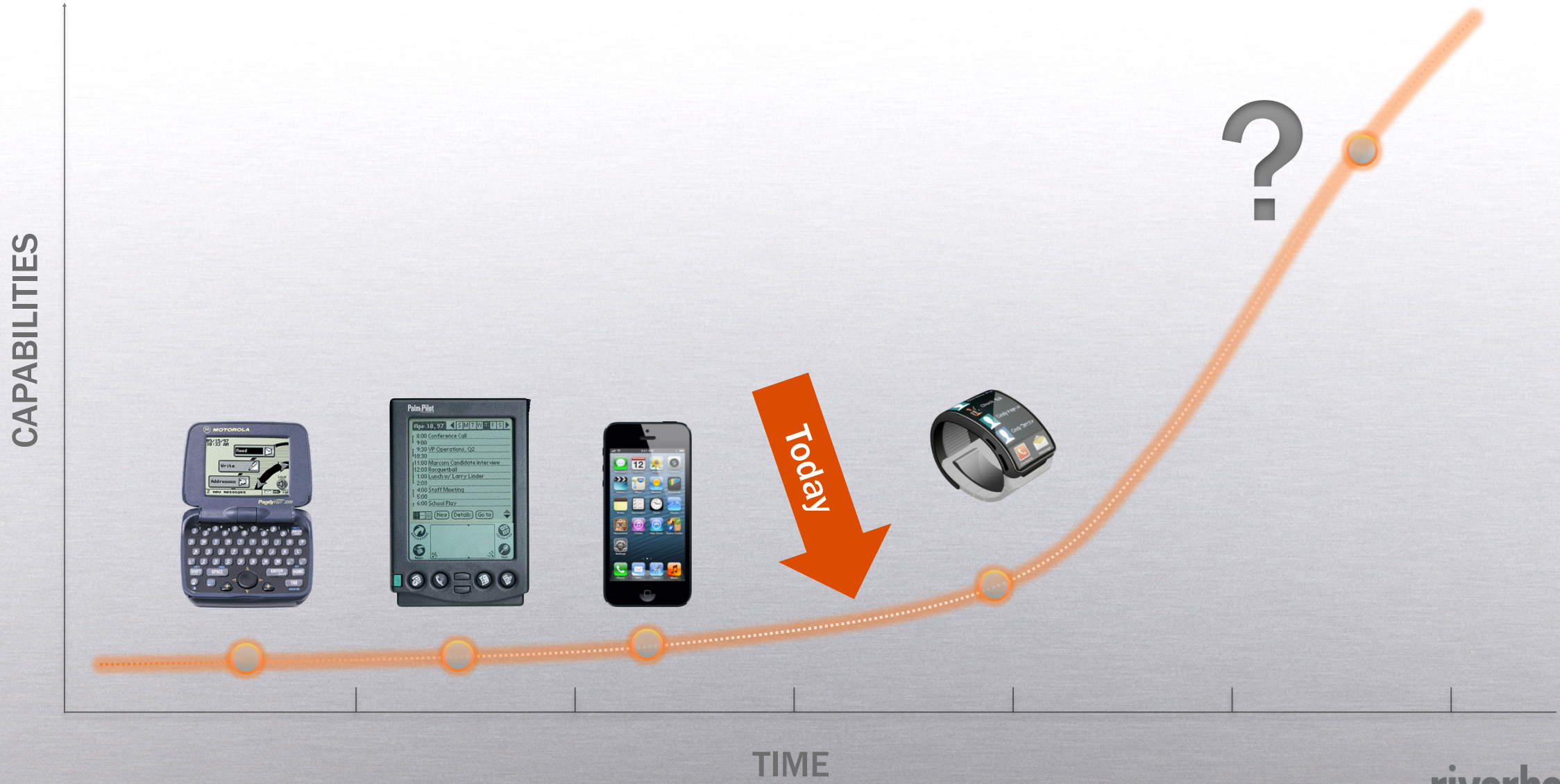
Enterprise Mobile Apps Just Getting Started



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Broadest Range of Location Independent Computing Technologies

REMOTE BRANCH OFFICES

- Steelhead
- Performance Management

CLOUD SERVICES

- Cloud Steelhead
- Stingray
- Performance Management

MOBILE COMPUTING

- Steelhead Mobile
- Stingray
- Performance Management

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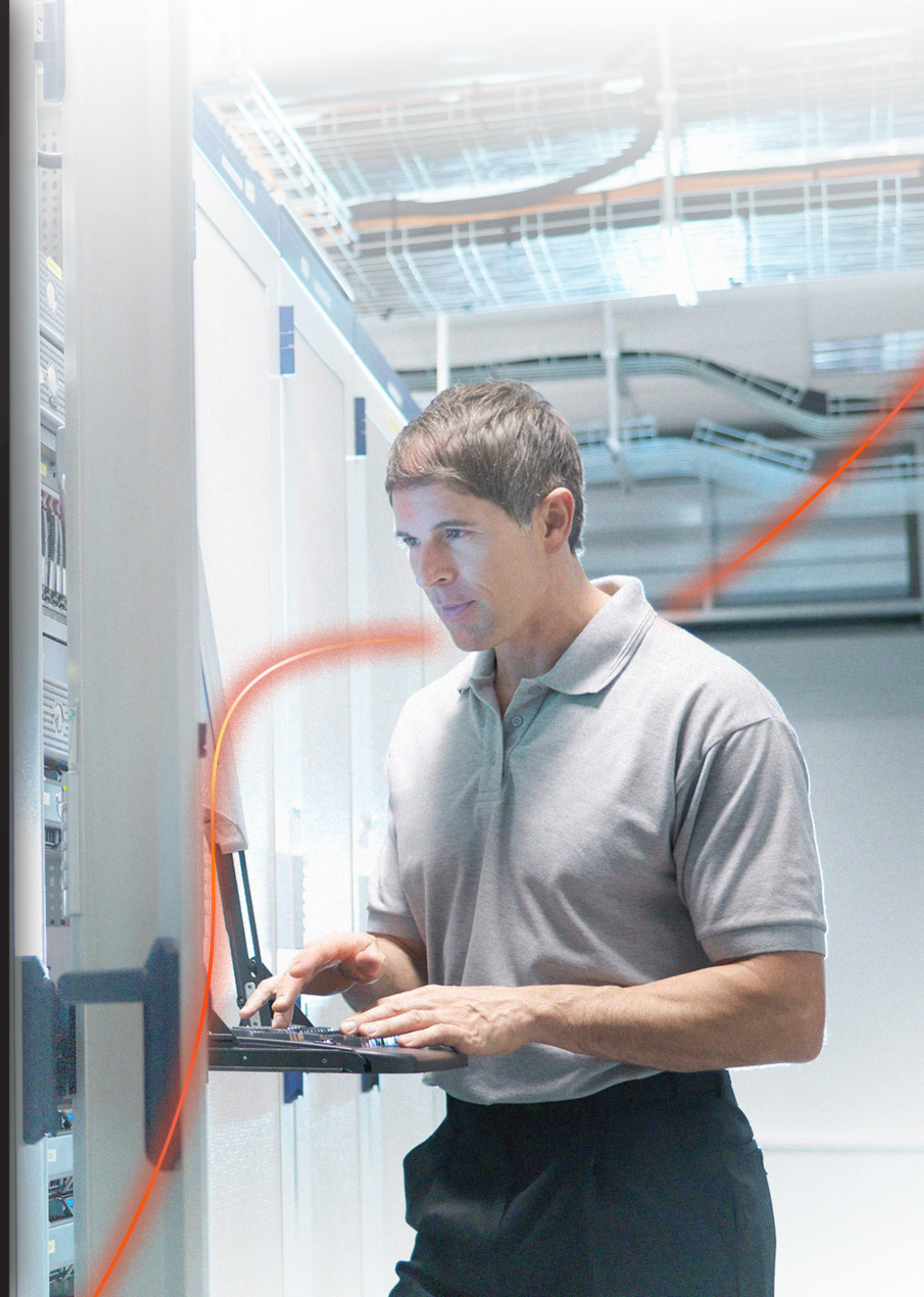
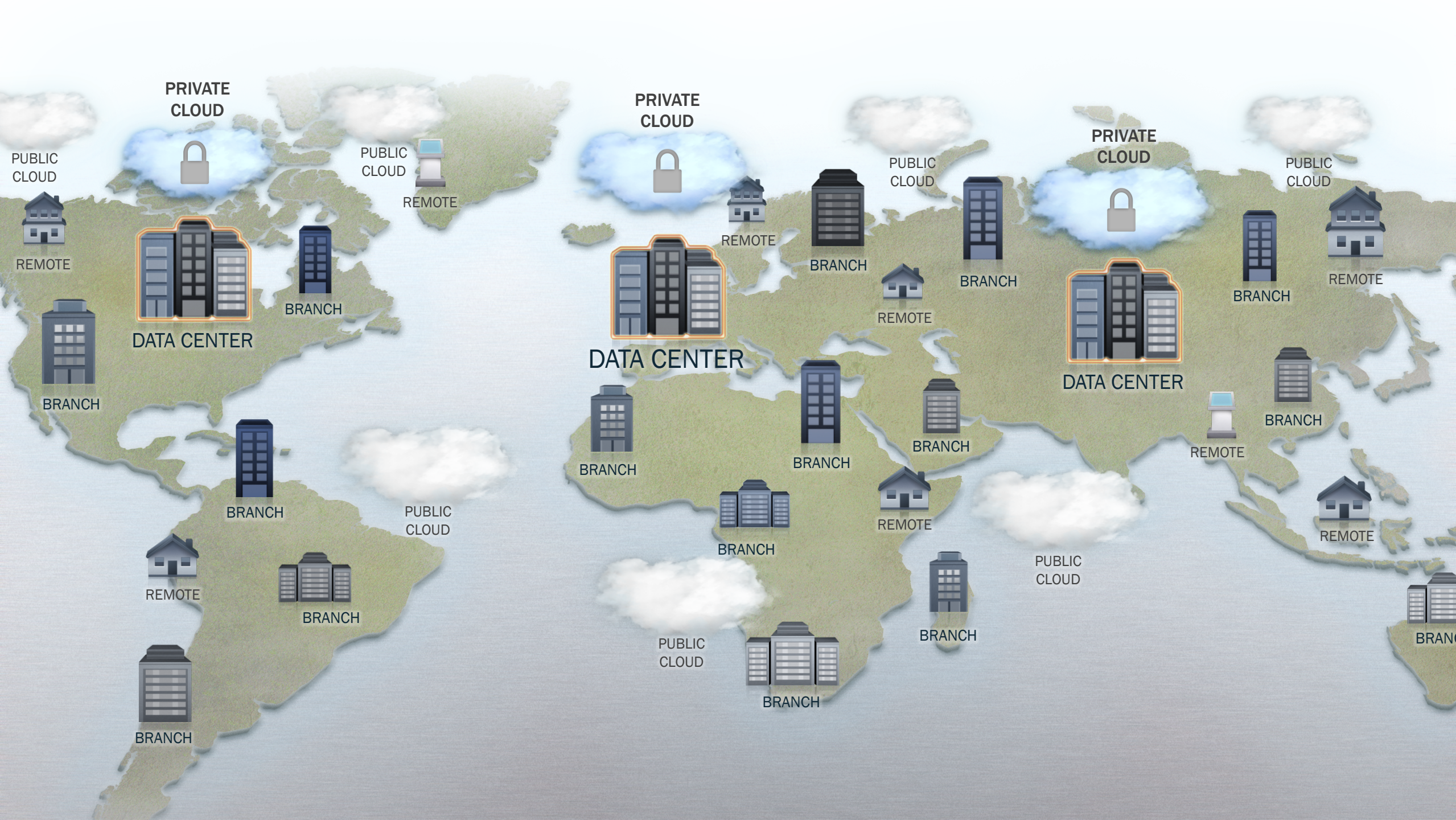
The IT Organization's Perspective




PRIVATE CLOUD
PUBLIC CLOUD
REMOTE
DATA CENTER
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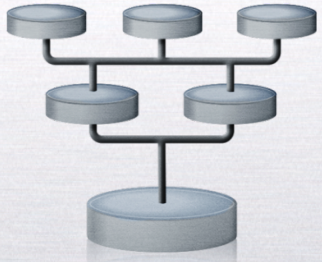
Agility, Mobility, and Visibility Challenges

SOFTWARE-DEFINED DATA CENTERS

Virtual machine migration limited by bandwidth



SOFTWARE-DEFINED NETWORKS

Virtual networks obscures visibility

CLOUD COMPUTING

Heterogeneous infrastructure at cloud providers limit workload applicability

DATA COMPLIANCE

Data retention policies managed based on geographic boundaries

VDI

Bandwidth and latency affects quality and fidelity

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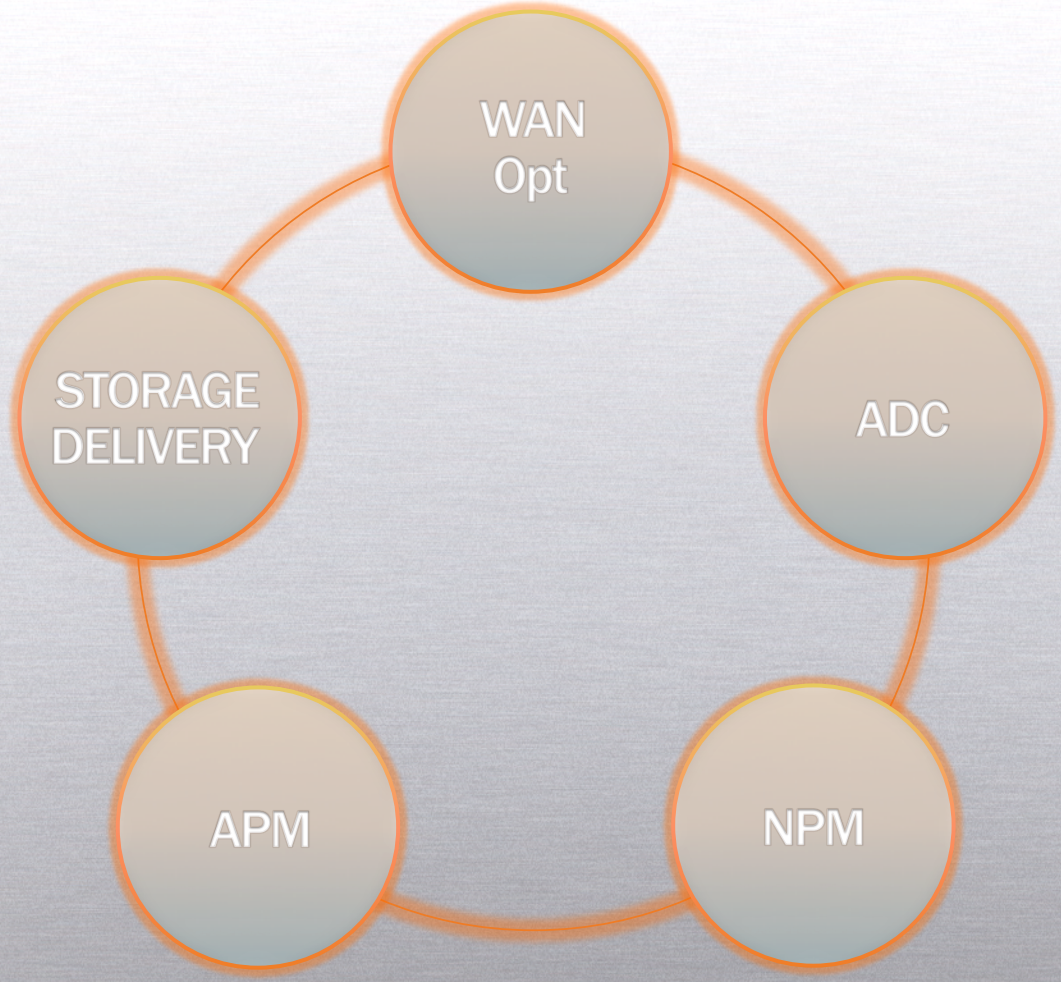
Application Performance Platform



WHERE WE HAVE BEEN

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Three Areas of Focus

LOCATION-INDEPENDENT ACCESS

LOCATION-INDEPENDENT INFRASTRUCTURE

VISIBILITY AND MANAGEMENT

Location Independent Access

ADAPTABLE ACCELERATION

Symmetric and asymmetric acceleration techniques

Acceleration everywhere, consistent across all form factors

Continued application-specific acceleration across SaaS and on-prem apps

HYBRID NETWORKING

Improvement of QoS and application routing intelligence

Improved support of BYOD and SaaS options

Integrated visibility, reporting, and automated path selection management

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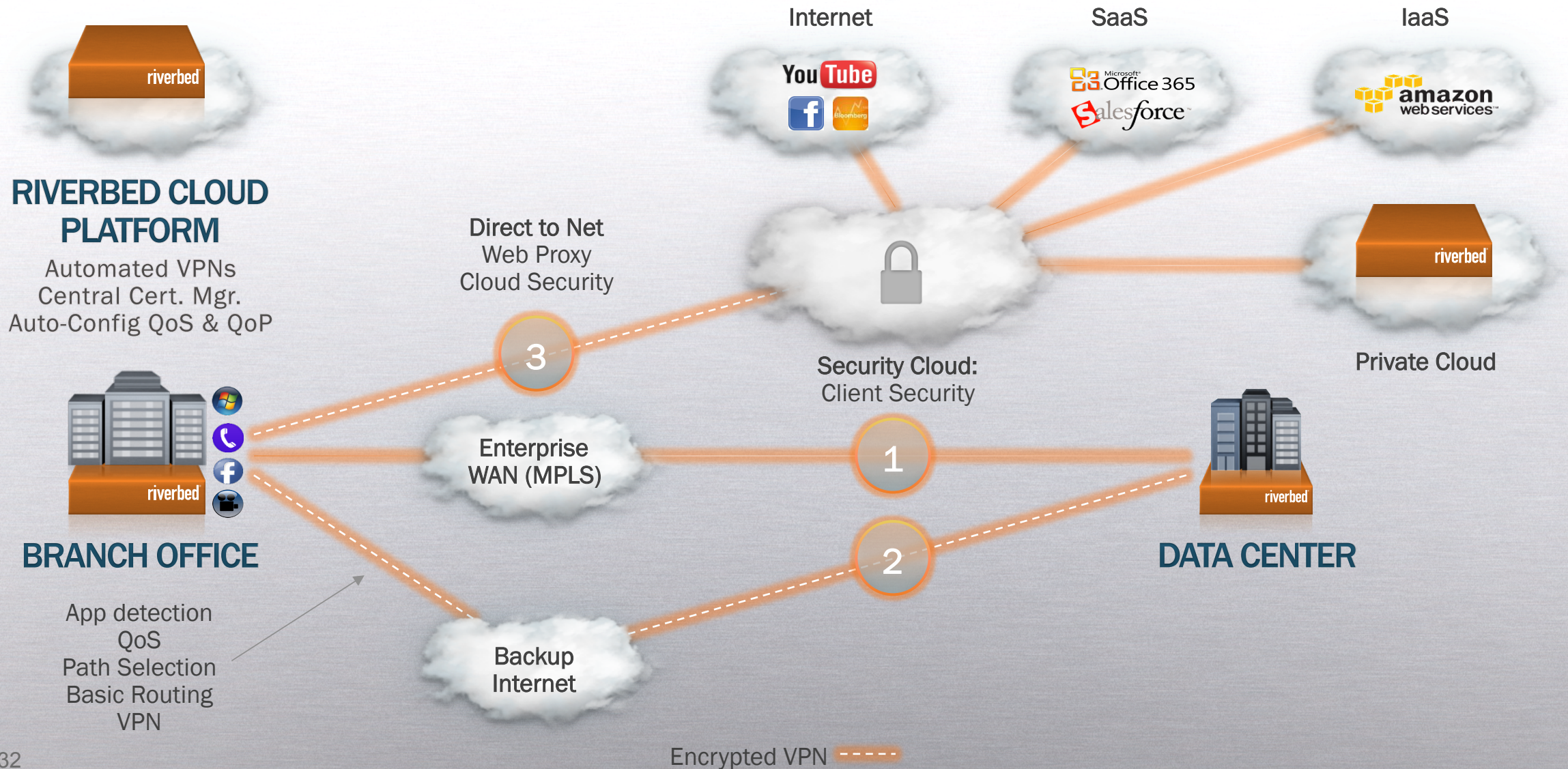
Hybrid Networking



Location-Independent Infrastructure

STORAGE DELIVERY CONTROLLER

Increased scalability and capacity

Improved virtualization integration

Continued disaggregation of compute and storage

SOFTWARE DEFINED INFRASTRUCTURE

Micro-instances for per-app infrastructure

Continued separation of control and data planes

Hypervisor and OS agnostic appliances & virtualization support

Flexible licensing and provisioning

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Storage Delivery Controller

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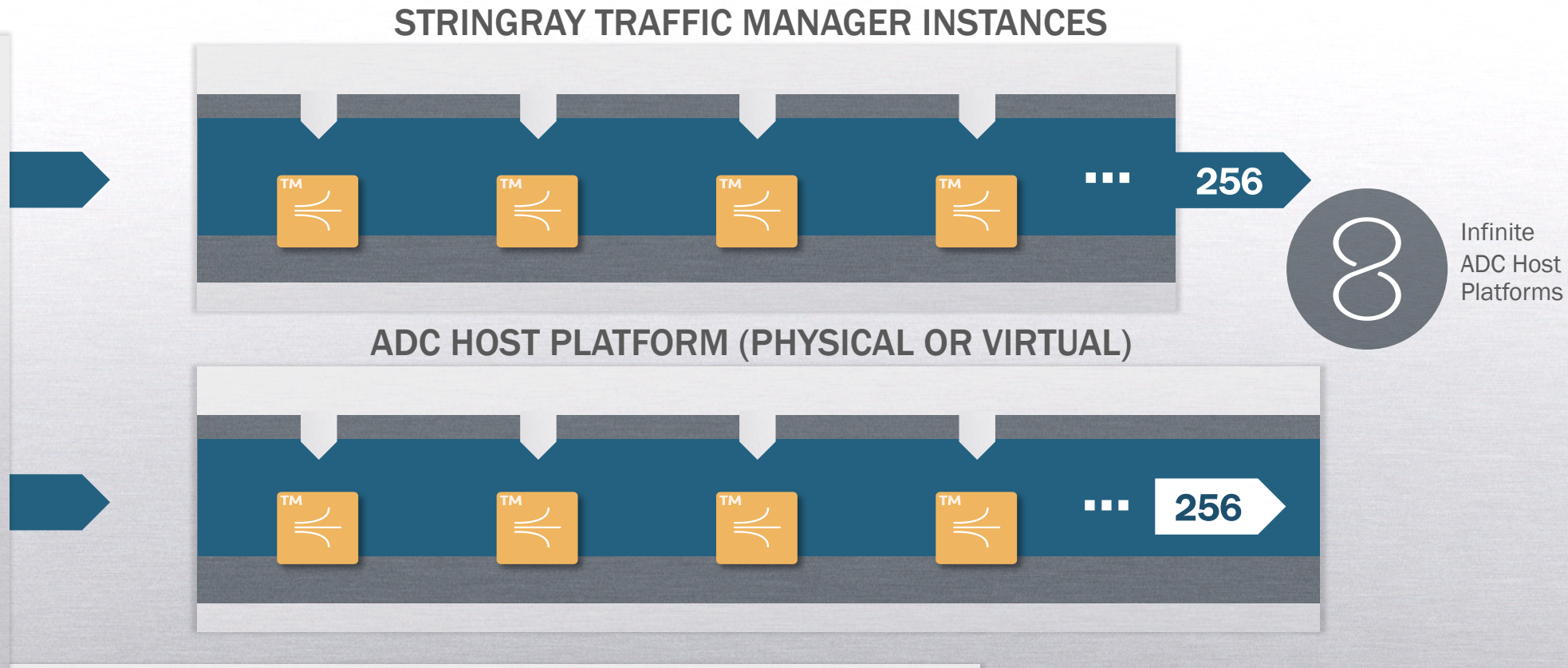
Riverbed Stingray Elastic ADC

STRINGRAY SERVICES CONTROLLER

- Self- Service Interface
- Automated Deployment and Inventory Service
- Instantaneous Licensing Service
- Usage Based Metering Service



vmware™ openstack JUNIPER NETWORKS hp

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Visibility & Management

SCALABLE USER EXPERIENCES

Increased locations managed and reported on

Innovative new visibility across all devices

Multi-nodal, scalable monitoring

BIG DATA ANALYTICS

Pervasive, real-time user experience monitoring

Improved correlation and predictive analytics

Extending big data analytics platform for partner ecosystem

PROGRAMMABLE INFRASTRUCTURE

REST-based API

Automated, closed-loop provisioning

New controller architecture to support scale-out architectures

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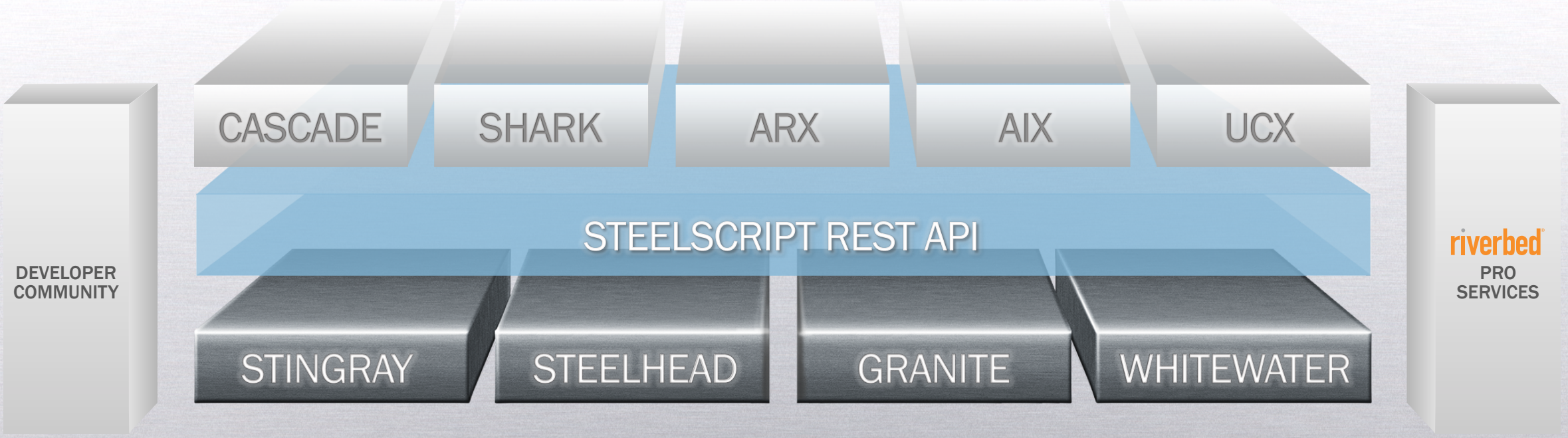
Programmable Infrastructure



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IT is becoming more dynamic.

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WE ENABLE

IT to eliminate the limitations
imposed by distance and location.

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imposed by **distance and location.**

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IT to be free of performance
and visibility limitations.

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