

InvestorDay

06 March 2018

Sabre[®]



The Sabre logo is displayed in white text on a red rectangular background in the top left corner of the slide.

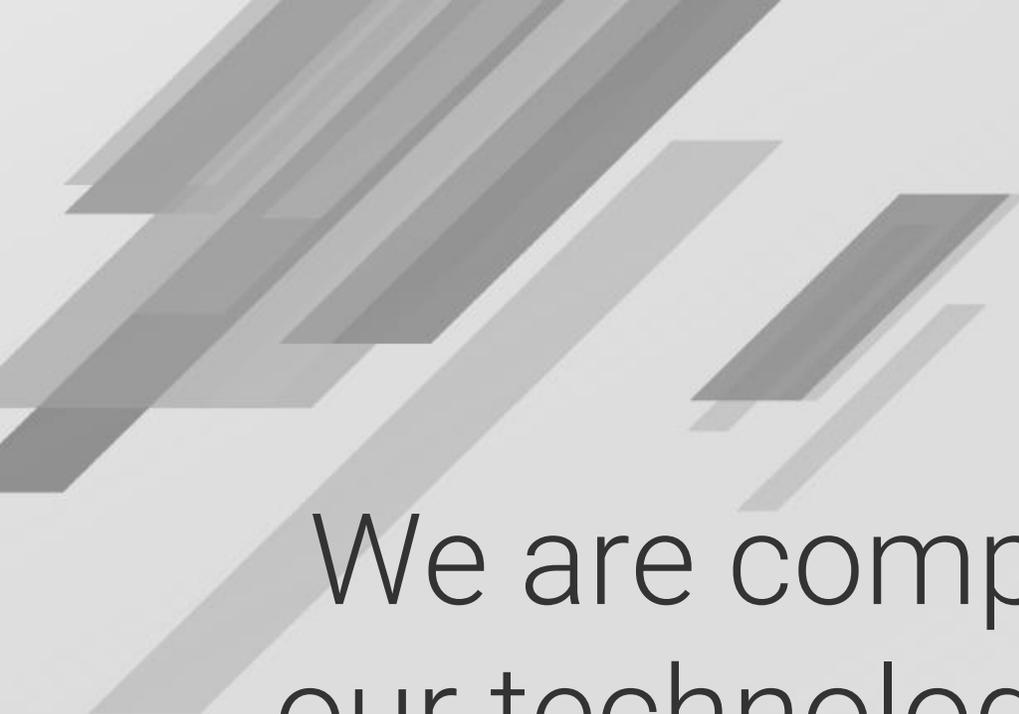
Sabre

Completing Our Technology Evolution

Joe DiFonzo, Chief Information Officer
Vish Saoji, Chief Technology Officer

06 March 2018

InvestorDay



We are completing the evolution of
our technology to deliver the world's
most advanced travel platform



Most of our apps are cloud-now or cloud-ready



Travel Network

New Sabre Red Workspace

Cloud deployed, single instance

Shopping

On private cloud with continuous availability

GetThere and TripCase

On open systems



Airline Solutions

AirCentre and AirVision

On open systems and preparing for cloud deployment

Airline Inventory

On open systems and distributed to multiple data centers



Hospitality Solutions

SynXis Property Management

Cloud native multi-tenant

SynXis Central Reservations

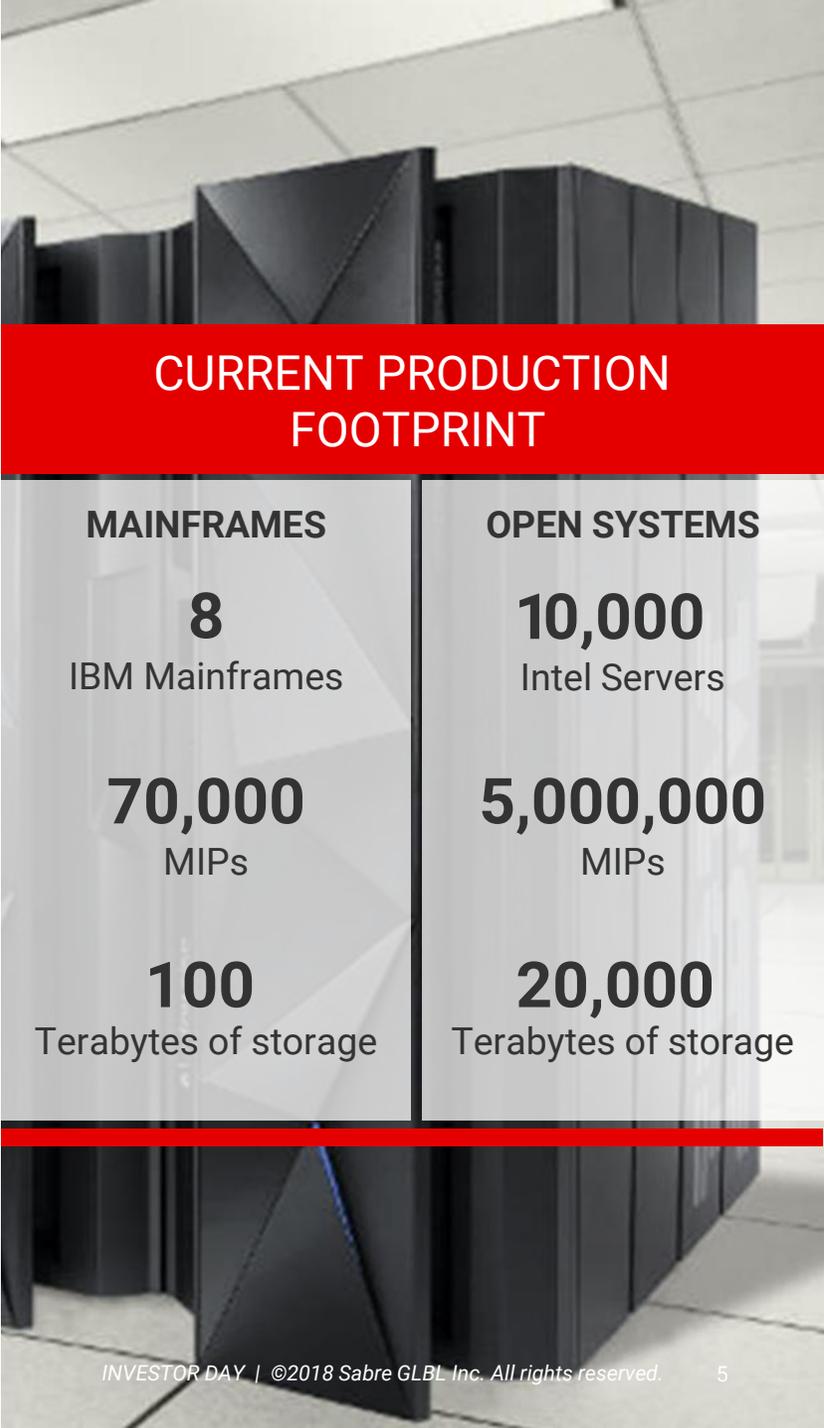
On open systems and cloud-ready

Completing our migration to cloud

We've been migrating workload from IBM mainframes to Intel servers for years:

- Open system environment has 50x the processing capacity and 200x the storage capacity
- Since 2014, mainframe utilization is relatively flat, while open systems footprint has increased significantly
- We have identified and scoped the remaining work items to complete migration of TPF functionality to cloud
- On pace to complete migration by the end of 2023, concurrent with the expiration of the Tulsa vendor contract

\$100M+ of annual OPEX savings when complete



Recent accomplishments and benefits

✓ Shopping moved to private cloud

- Cost per shop reduced by 50%
- Shopping response time decreased by 25%
- Continuous availability for 25% lower cost

✓ Deployed multiple products to public cloud

- Product hosting costs reduced by 15%
- Leveraging benefits of public cloud
- Capacity flexibility to meet peak demands

✓ Launched Sabre global network operation center (GNOC)

- Enhanced visibility to detect and correct performance issues before they impact service

Recent accomplishments and benefits

✓ Developed data center independence plan

- Shifts workloads to lower cost environments
- Consolidates existing Sabre data centers
- Multiple public and private clouds for flexibility

✓ Reducing costs to fund future investments

- August 2017 business realignment and cost reduction program
- Shopping infrastructure upgrade
- Focused innovation and version management

Increasing value throughout the evolution


Cloud


Microservices


DevOps




Speed to market

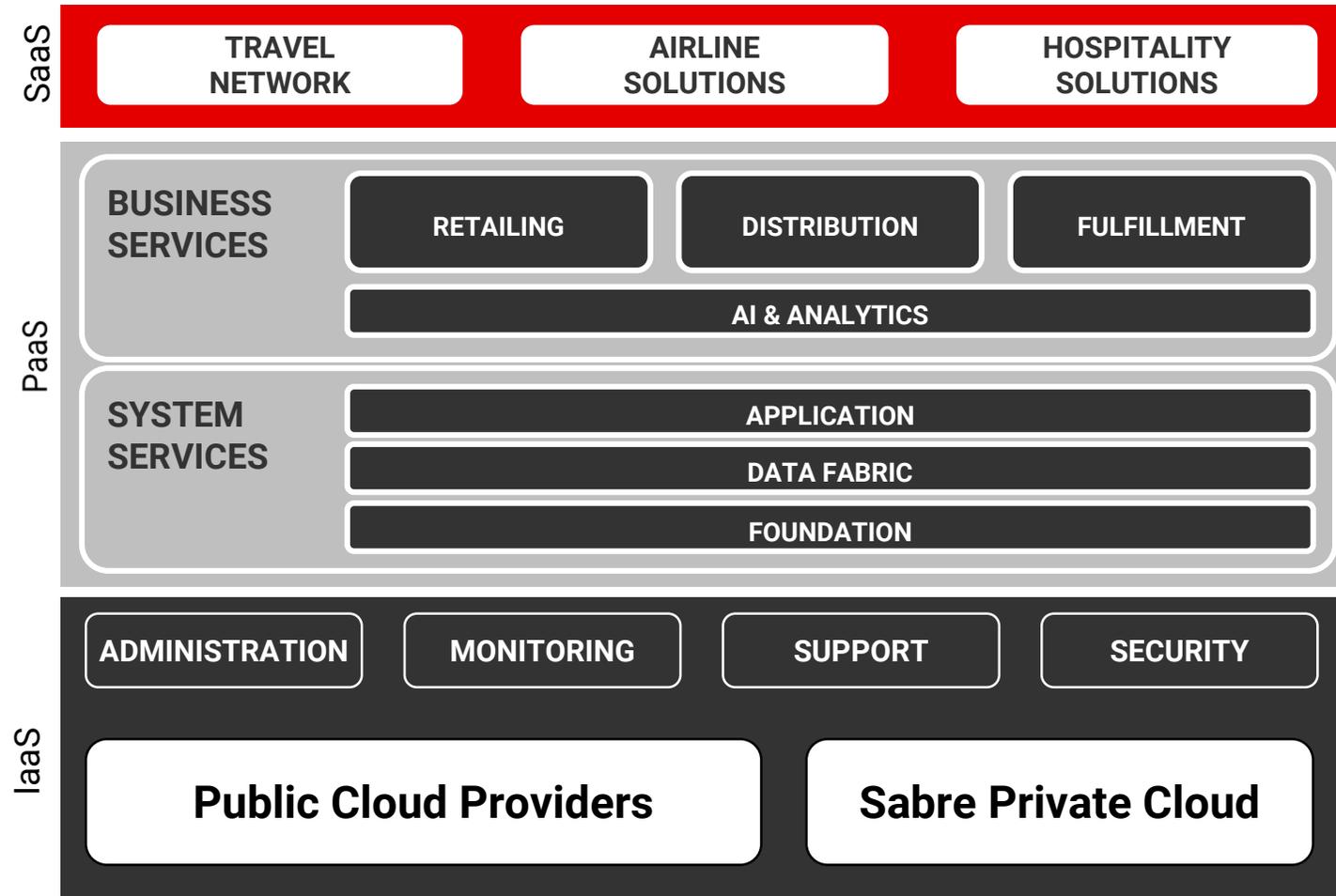

Rapid scalability


Advanced functionality


Upgrade-safe extensibility


Cost savings

A unified architectural framework



A layered architecture with clearly-defined infrastructure and platform capabilities shared by all products

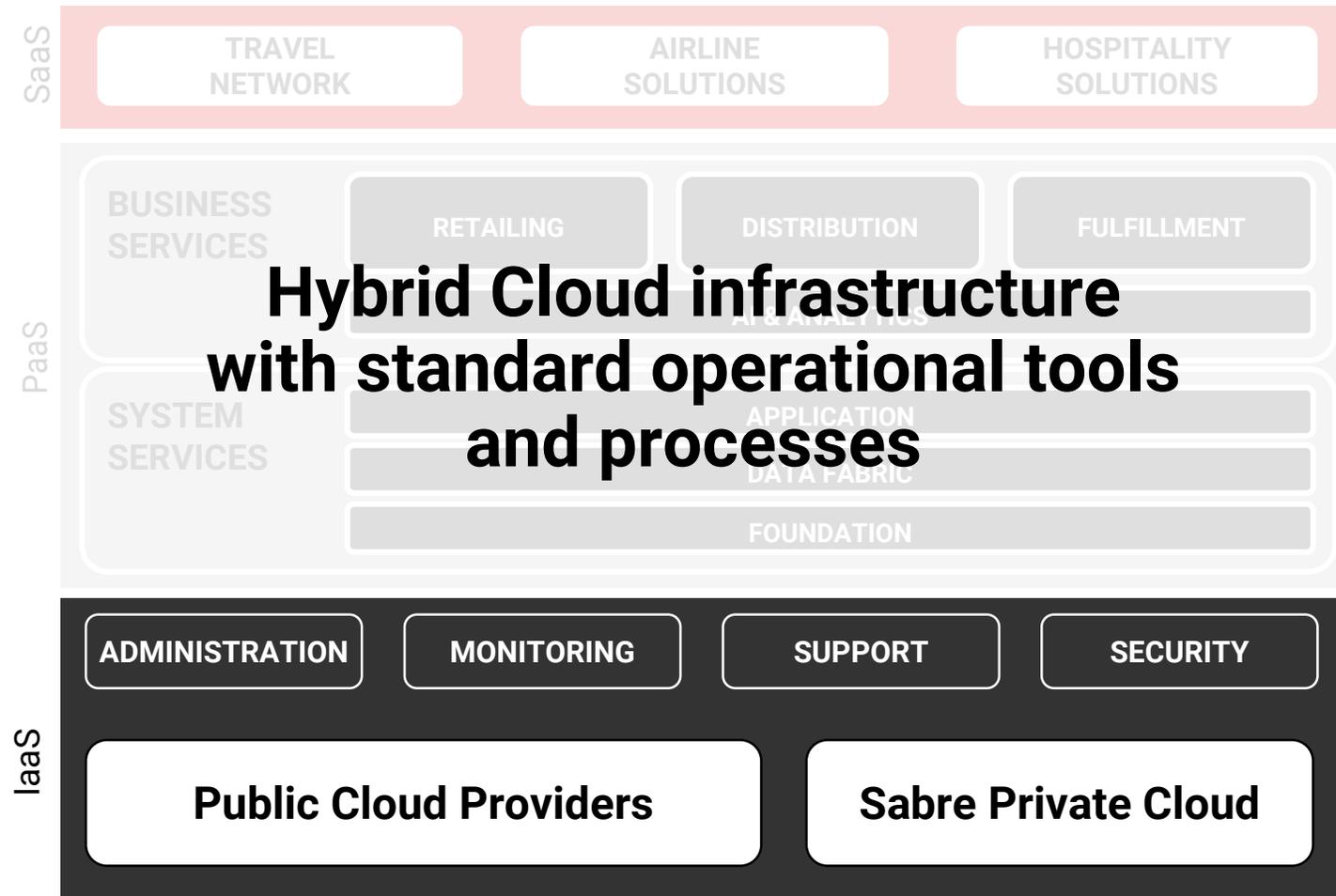


Fully-functional vertical solutions for travel agencies, airlines and hotels



Flexible to meet current and future business needs through extension, composition and orchestration of microservices

A global hybrid cloud infrastructure



Host services in public and private clouds to provide operational agility and scalability



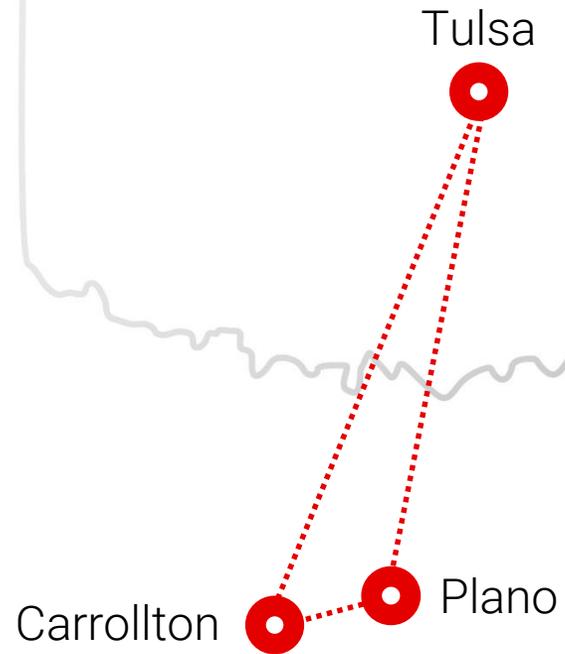
Distribute services and data globally to further improve response times



Implement continuous availability architectures to provide 99.995% uptime and reduced cost vs. traditional DR

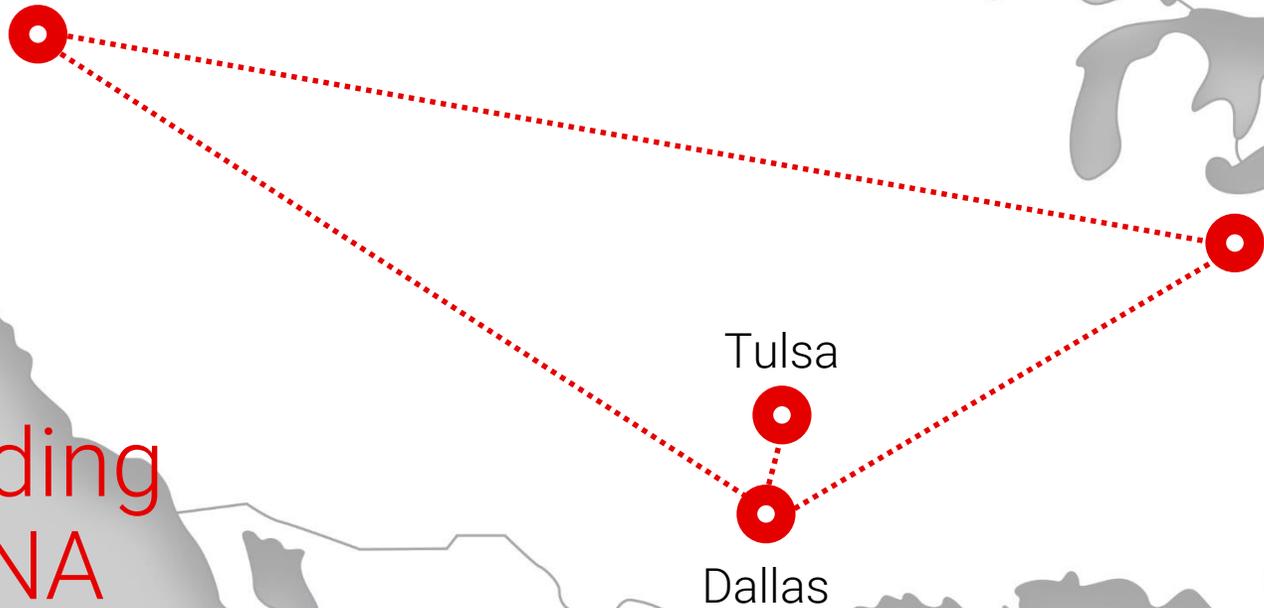
2017: Built new private cloud data centers

Deployed shopping in a
3-site active model for
continuous availability

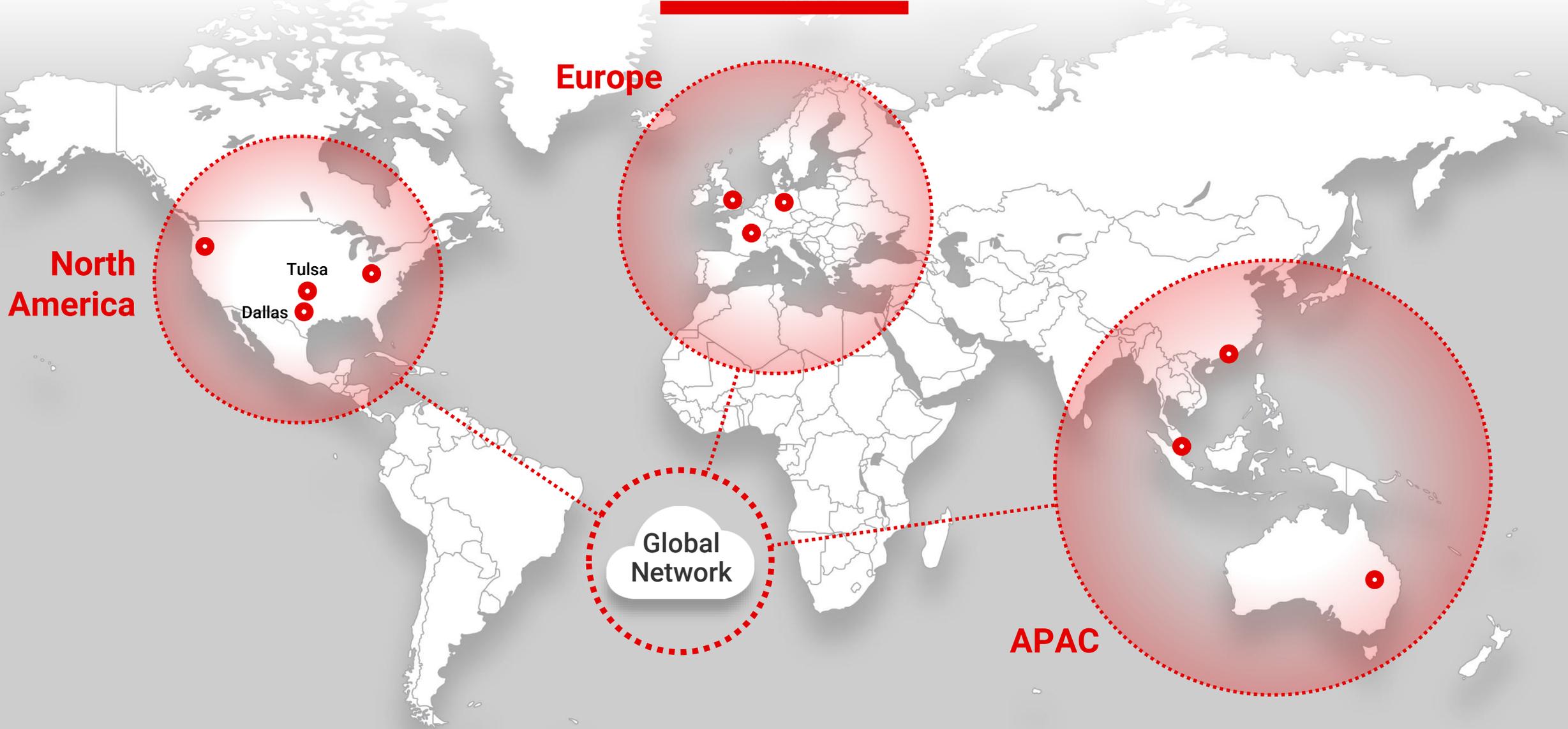


2018:
Build out
cloud landing
zones in NA

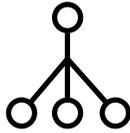
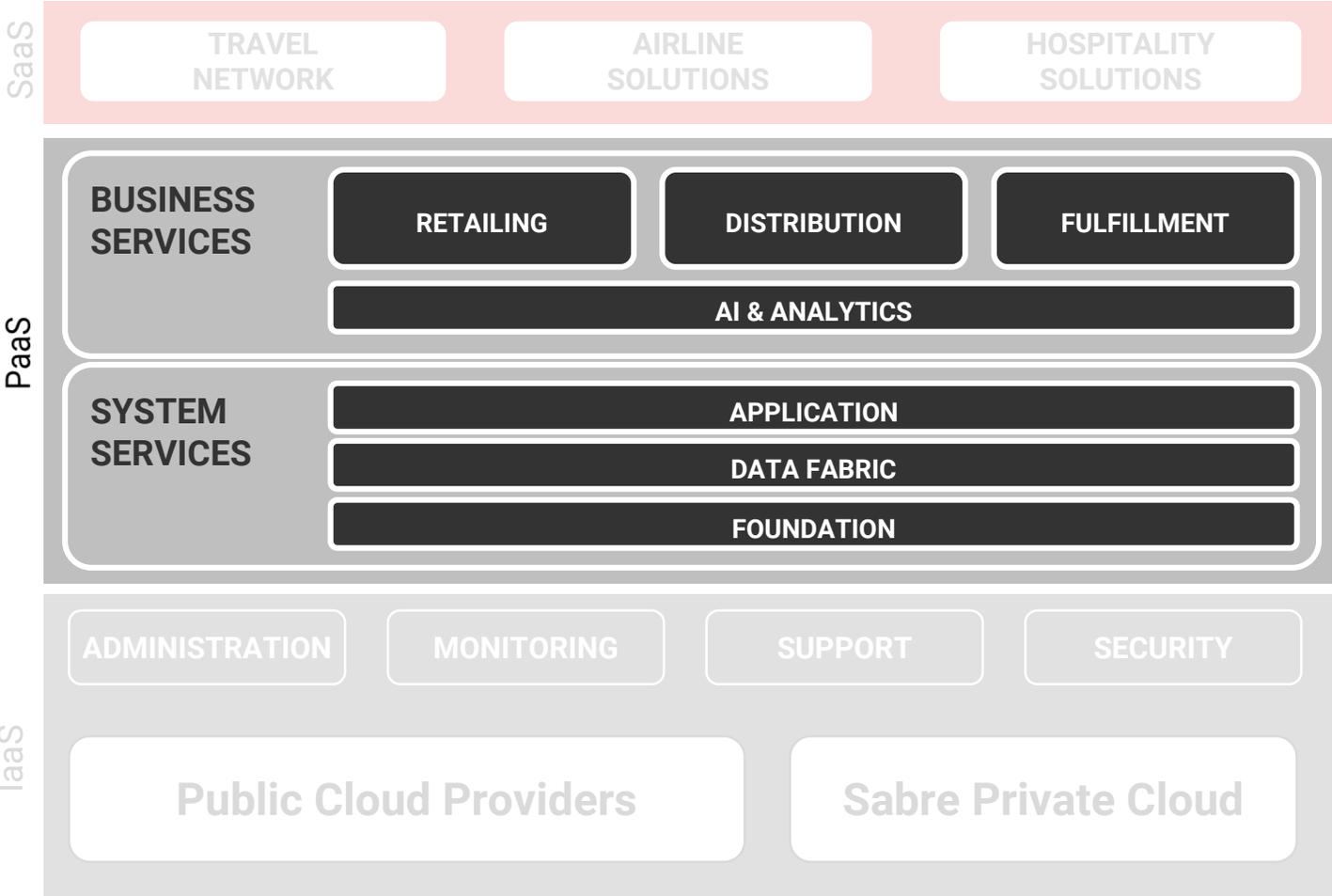
and integrate with
Sabre data centers



2019: Build Out Cloud Landing Zones Globally



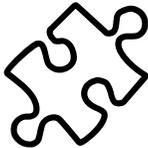
Evolving to a microservices platform



Evolve platform using microservices to deliver modular architecture



Build, deploy and use microservices independently, or in combination to address more complex applications



Integrate microservices created by third party developers or our customers

Benefits of microservices



Speed

Accelerate innovation by bringing new products to market faster



Efficiency

Drive efficiency through code reuse and contemporary software practices



Flexibility

Enhance flexibility for both Sabre and our customers to meet the changing market needs

The path to completion

	2018 - 2019	2020 - 2021	2022 - 2023
SaaS	<p>Begin migration of existing Linux/Windows apps to cloud</p> <p>Build all new apps as cloud native</p>	<p>Continue migrations of existing apps</p>	<p>Complete migration of existing apps</p> <p>Complete deployment of microservice PSS</p>
PaaS	<p>Complete retail services migration to cloud</p> <p>Expand predictive analytics powered by AI/ML capabilities beyond retail</p> <p>Start distribution and fulfilment services migration to microservices</p>	<p>Complete refactoring of retail services to microservices</p> <p>Complete distribution services migration to cloud</p> <p>Continue migration of fulfilment services to cloud</p>	<p>Platform evolution complete</p> <p>Complete remaining business services as microservices</p>
IaaS	<p>Build cloud landing zones and network hubs in NA, EU and AP</p> <p>Begin migration of customer connections to new hubs</p> <p>Begin consolidation of Sabre-managed data centers</p>	<p>Continue migration of customer connections</p> <p>Complete consolidation of Sabre-managed data centers</p>	<p>Complete migration of customer connections</p> <p>Turn down Tulsa data center</p>

Summary

Commitment to fully exit TPF mainframe by end of 2023
with increasing commercial and financial benefits along the way

.....

All development going forward takes advantage of modern architecture
for next generation retailing, distribution and fulfillment

.....

Identified savings that largely self-fund evolution
and innovation within current cost envelope as contemplated
in medium-term guidance