

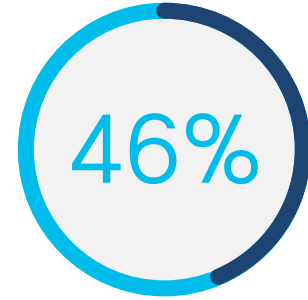


HyperFlex

Modernize the present,
simplify the future



The shift towards a digitally driven economy is changing the role of IT in the business



By 2022, **46%** of an enterprise's products or services will be digital or digitally delivered, in turn increasing the business's reliance on IT infrastructure

-IDC



User expectations around digital experience has never been higher



49%

Of users switched suppliers due to poor digital experience¹

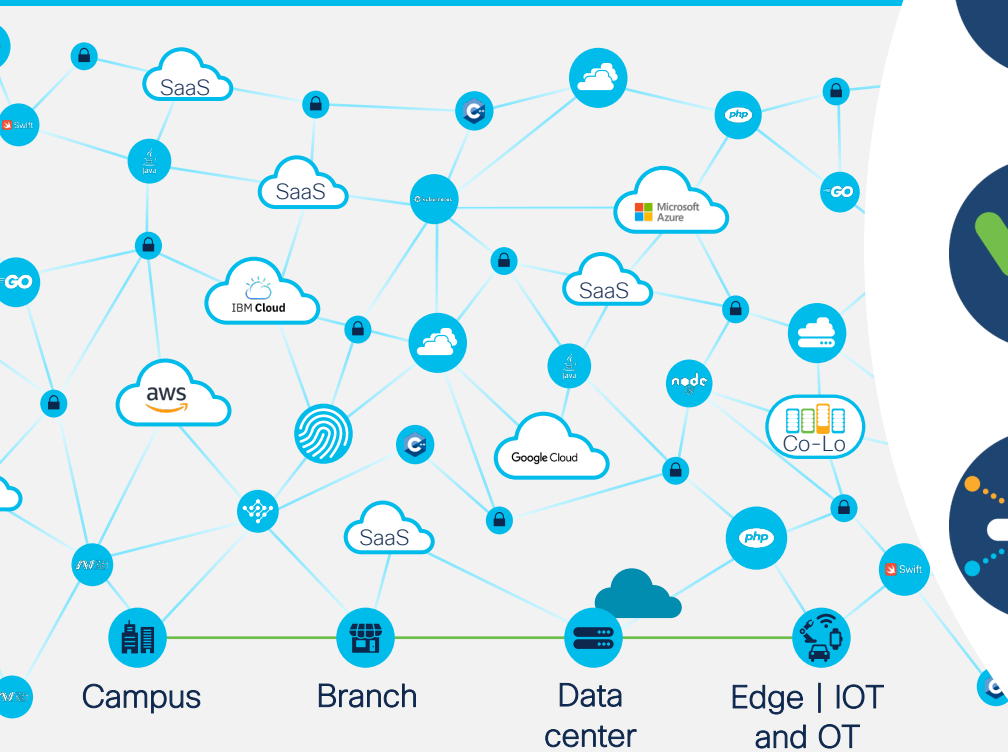
100ms

Delay in load time
= 7% drop in conversion

50%

willing to pay more for a service with a better digital experience²

Applications are more diverse and distributed than ever...



Support an explosion of applications

By 2023, the number of applications running in the data center and edge locations increases by **300%**.



Enable application modernization

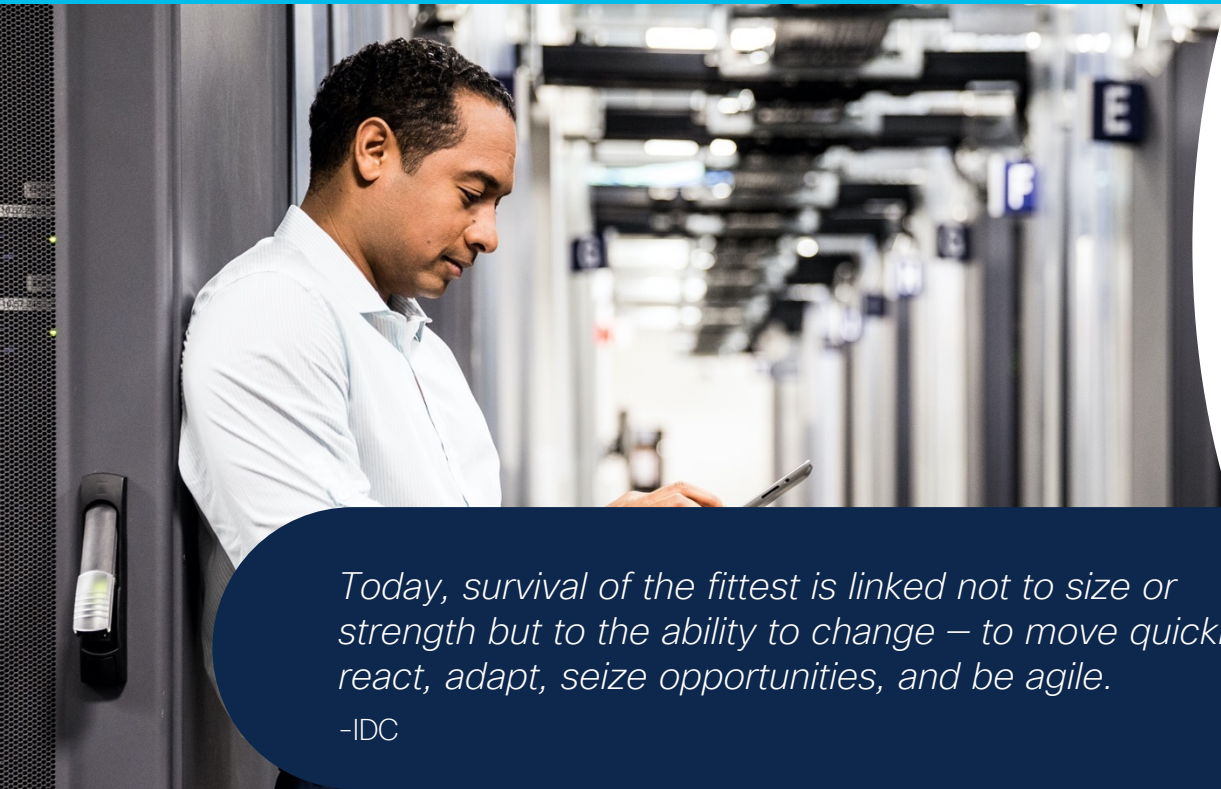
By 2023, over **500 million** digital apps and services will be developed using cloud-native approaches



Drive greater digital reach

By 2023, over **50%** of new enterprise IT infrastructure deployed will be at the edge

Requiring modern solutions that bridge the gaps between business demands and IT...



Today, survival of the fittest is linked not to size or strength but to the ability to change – to move quickly, react, adapt, seize opportunities, and be agile.

-IDC



Power apps and data anywhere



Optimize Operations



Increase agility

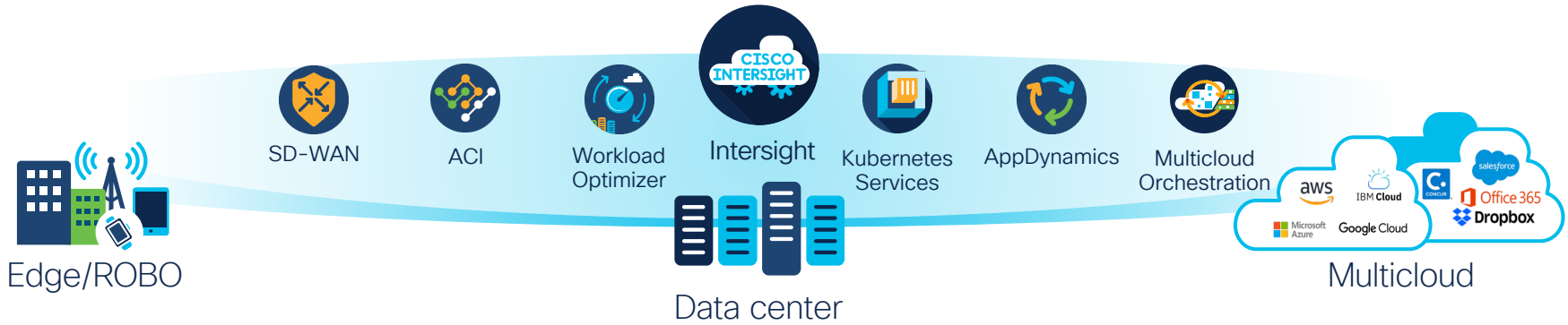
Bridging the gaps between business and IT

Requirements for delivering IT resources at the pace of business



App-centric focus

Power your applications and data anywhere

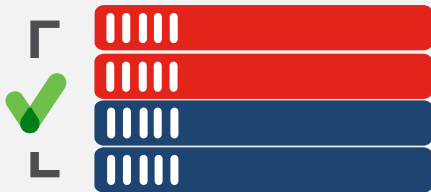


Enterprise grade platform for applications

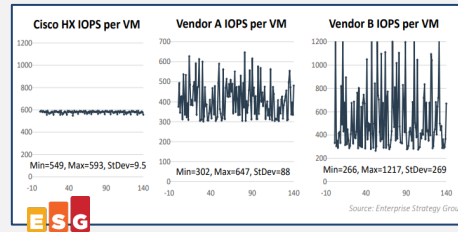


Data resiliency, end user experience, and choice

High resiliency, fast recovery, minimal impact



Consistent application performance



Hypervisor agnostic

vmware®
Microsoft
HXAP (KVM/K8s)

Assured application experiences

Continuous optimization by connecting applications and infrastructure



Infrastructure Optimization



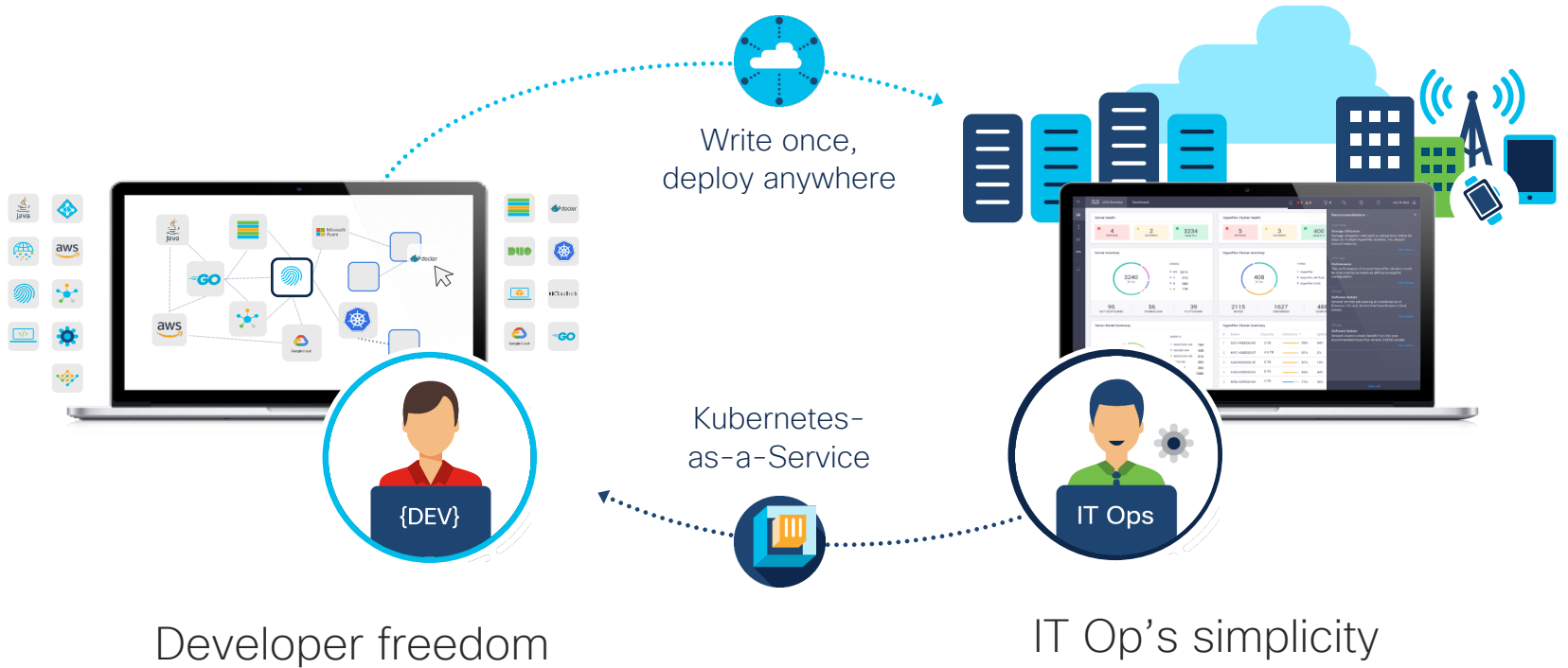
Workload Optimizer

Analytics

Recommendations

Simplify and accelerate app modernization

DevOps and IT, cloud and on-premise



Cloud operations platform

Optimize operations, reduce cost, and do more, faster and safer



SaaS Simplicity



Global Reach



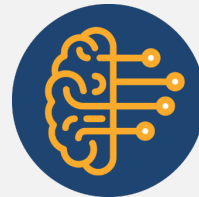
Multi domain
visibility



AI Powered

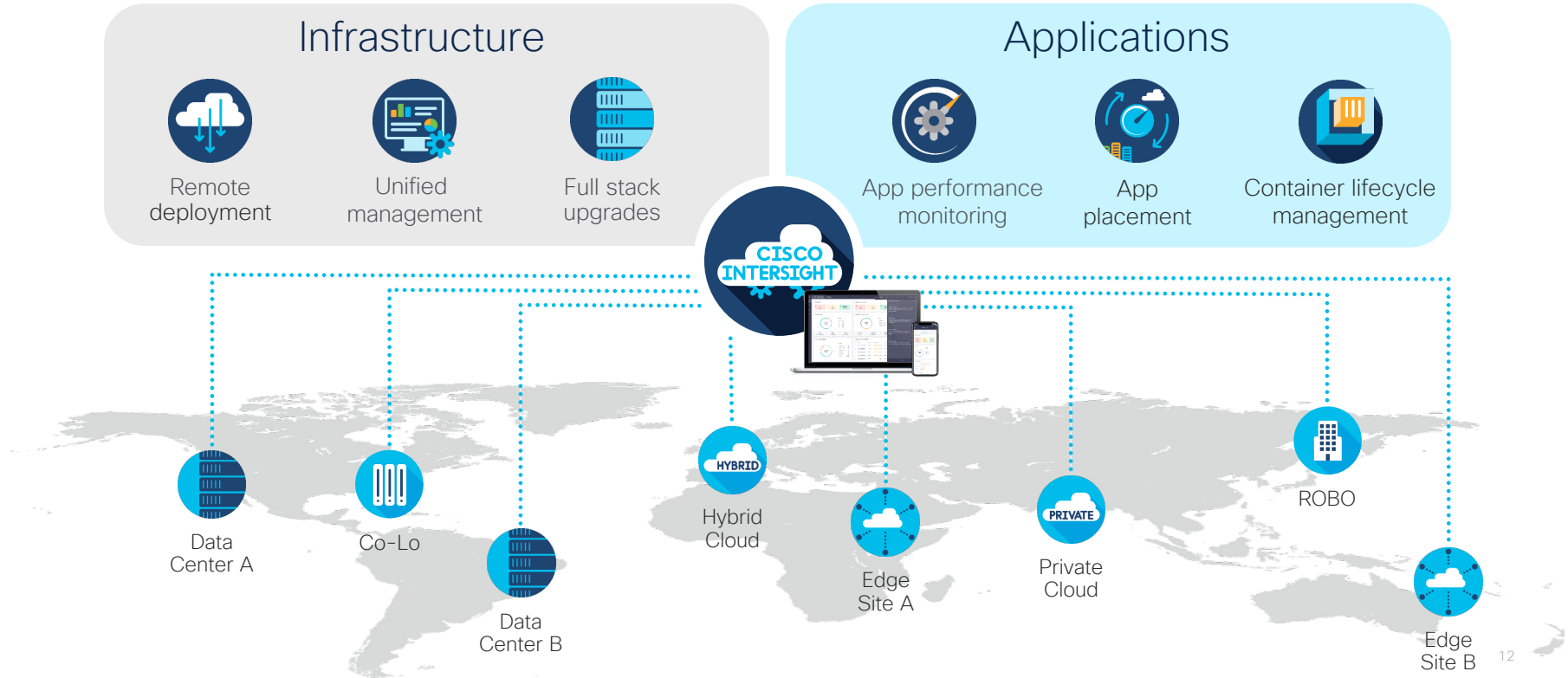


Enhanced
Support



Unified control across your distributed environment

Continuous learning, actionable intelligence, AIOp's simplicity



Adaptable infrastructure

The right resources, for the right workload, in the right location



Integrate Existing Infrastructure



Support Enterprise Apps



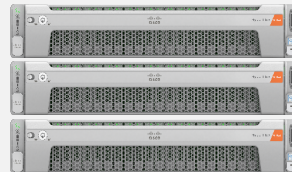
Support Containerized Apps



Extend to the Edge



Extend to the Cloud



Rapidly adapt to changing business demands

Simple, flexible scale-out infrastructure

Scale within nodes



Scale nodes



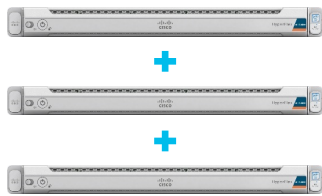
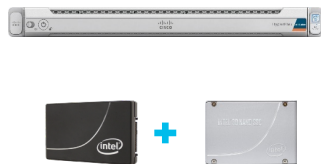
Scale compute-only blades or rack



Scale GPU-only



CI and SAN integration



Distribute and rebalance data automatically



High performance



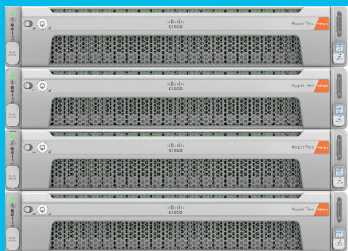
Resilient shared data storage



Flexible scalability

Better Together

Broad, open ecosystem across Cisco and technology partners



Hybrid/Multicloud



Containers/Cloud native apps



Secondary storage/Backup and recovery



AI/ML



Enterprise apps



Cisco



HyperFlex drives business results



Test and development



Virtual desktop infrastructure



Server virtualization



Databases and ERP



ROBO and edge

4000+ Customers

3x

Lower latency vs competitive HCI¹

50%

Improvement in ERP response time^{*5}

30%

More performance for mission critical apps^{*4}

91%

Downtime reduction¹

50%

Lower cost of operations²

80%

Savings vs. 3-tier infrastructure^{*1}

75%

Management time savings^{*3}

51%

Savings vs. Public Cloud Over 3 years^{*2}

1: 2019 ESG, Mission-critical Workload Performance Testing of Cisco HyperFlex All-NVMe with Intel Optane SSD on the Cisco Unified Computing System Platform (UCS)

2: 2019, IDC Business Value of Improved Performance and Agility with Cisco HyperFlex

*See back up slides for sources from customers

HyperFlex

A modern app-centric platform for multicloud environments

Power apps and data
anywhere, accelerate DevOp's



Optimize operations across
distributed IT environments



Innovate with an adaptable,
open, future proof platform



Gartner
MQ Leader



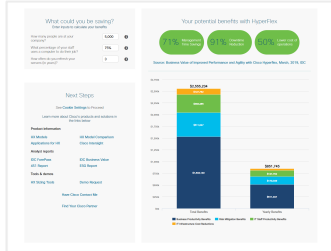
FORRESTER
Wave Leader

Get started today

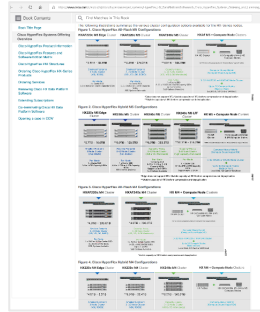
1 Research

HyperFlex
business value
calculator

HyperFlex
systems and
configurations



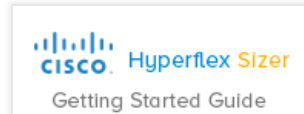
<https://hxroi.cisco.com/go/cisco/hyperflex>



https://www.cisco.com/c/en/us/td/docs/hyperconverged_systems/HyperFlex_HX_DataPlatformSoftware/b_Cisco_HyperFlex_Systems_Ordering_and_Licensing_Guide/b_Cisco_HyperFlex_Systems_Ordering_Guide_chapter_00.html

2 Consult

Your Cisco Account Team will size the perfect HyperFlex solution



3 Test drive

What to expect:

- Increased application performance
- Spend less time managing your Infrastructure
- Lower TCO





HyperFlex Customer Case Studies

Referenced on Slide 16



Superscript	Customer Name	Results	Link to Case Study
1	Digby Brown Solicitors	80% Savings vs. 3-tier Infrastructure	https://www.cisco.com/c/dam/global/en_uk/products/hyperconverged-infrastructure/pdf/Cisco_HyperFlex_case_study_Digby_Brown_Solicitors_FY18Q3.pdf
2	IDC ExpertROI® SPOTLIGHT ForePaaS	51% HyperFlex Savings vs. Public Cloud Lower Cost Over 3 years	https://www.cisco.com/c/dam/en/us/products/collateral/hyperconverged-infrastructure/hyperflex-hx-series/idc-expert-spotlight-hyper.pdf
3	Meander Medisch Centrum	75% Management time savings	https://www.cisco.com/c/dam/en/us/products/collateral/hyperconverged-infrastructure/hyperflex-hx-series/cisco-meander-case-study-08262016.pdf
4	Dhanuka Agritech Limited	30% More Performance for Mission Critical Apps	https://www.cisco.com/c/en_in/about/case-study/dhanuka.html
5	Spark Minda	50% Improvement in ERP Response Time	https://www.cisco.com/c/en_in/about/case-study/spark-minda.html

Additional HyperFlex Customer Case Studies:

<https://www.cisco.com/c/en/us/products/hyperconverged-infrastructure/hyperflex-hx-series/case-study-listing.html>