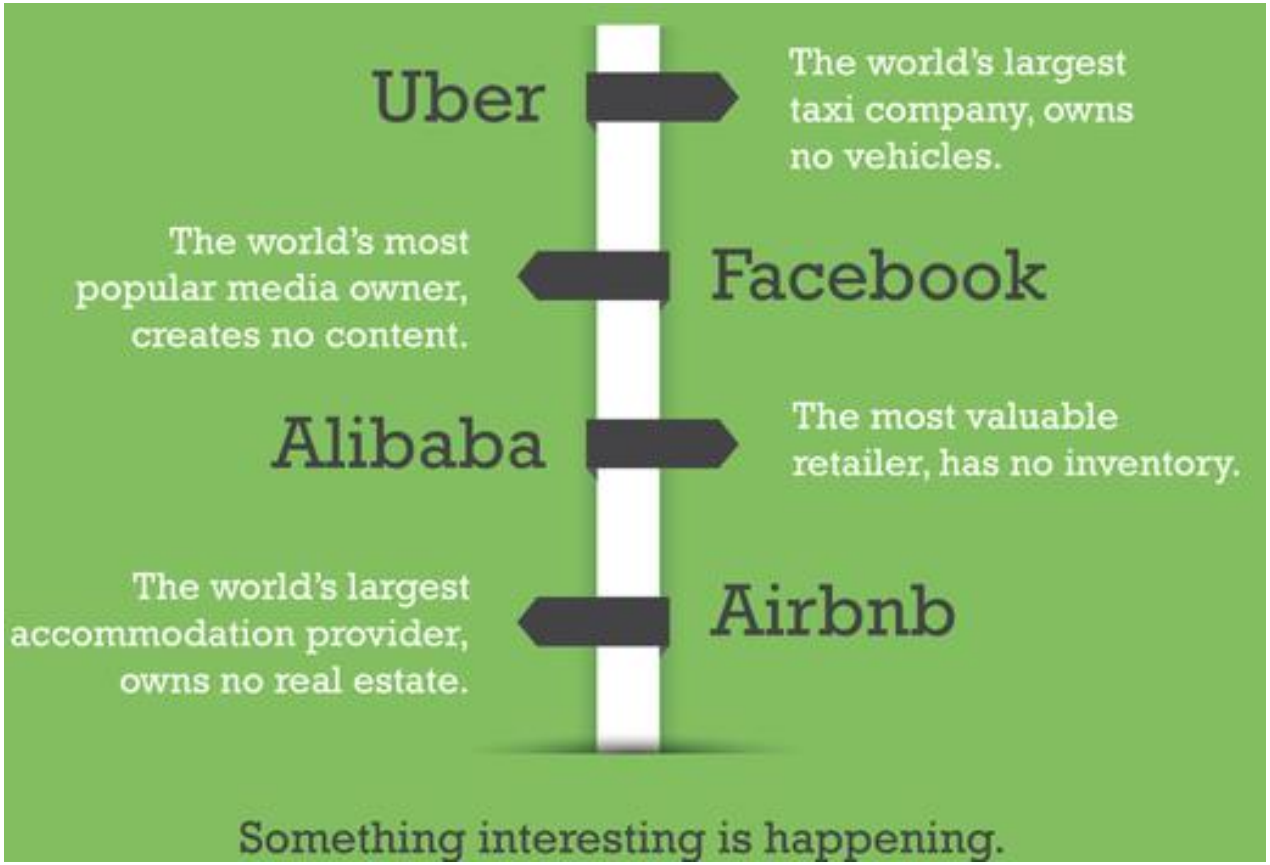
Data Center and Cloud

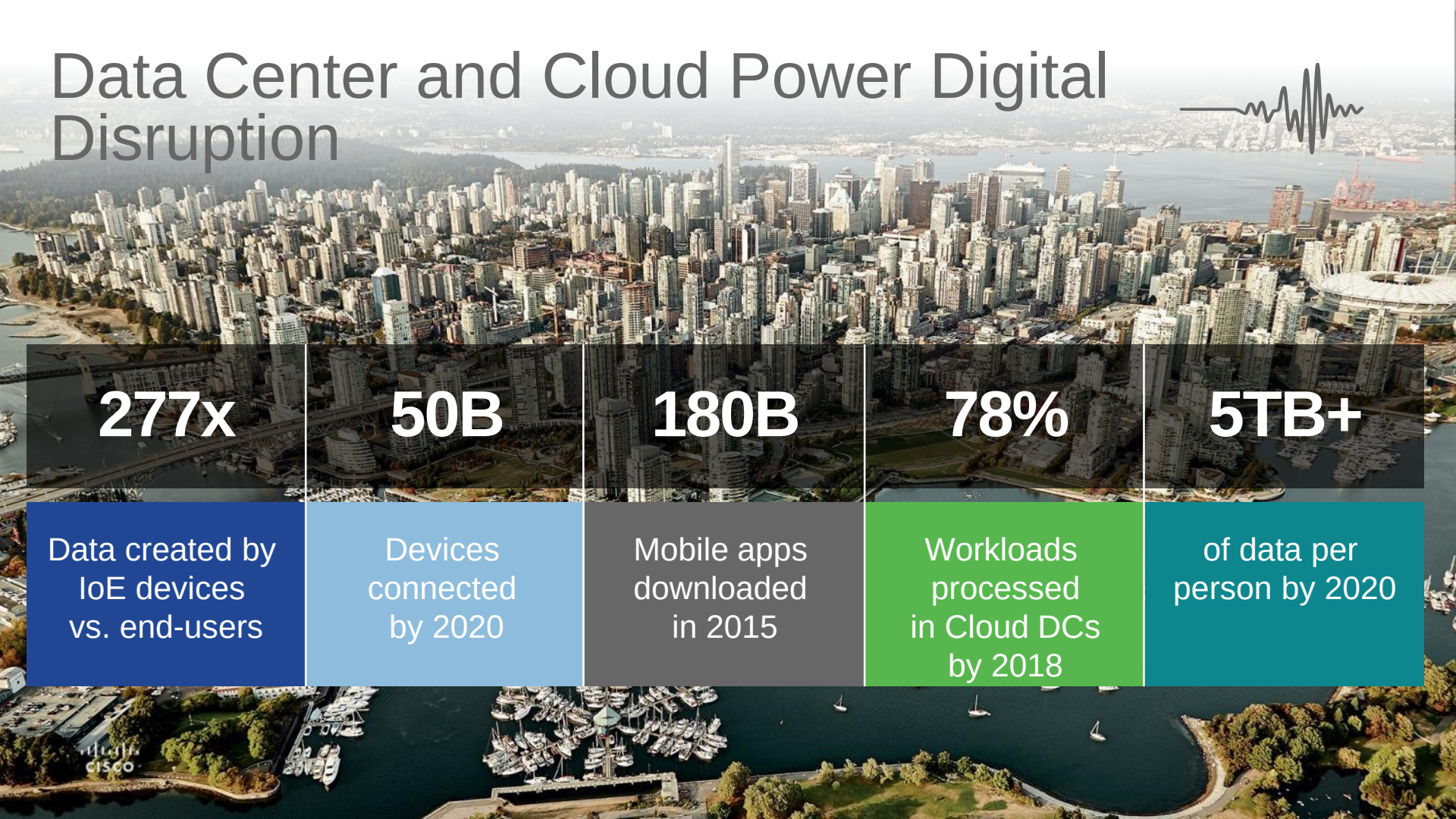
“Efficiency, Speed, Disruption”

Alfred Tan, Director of Sales
Data Center, ASEAN



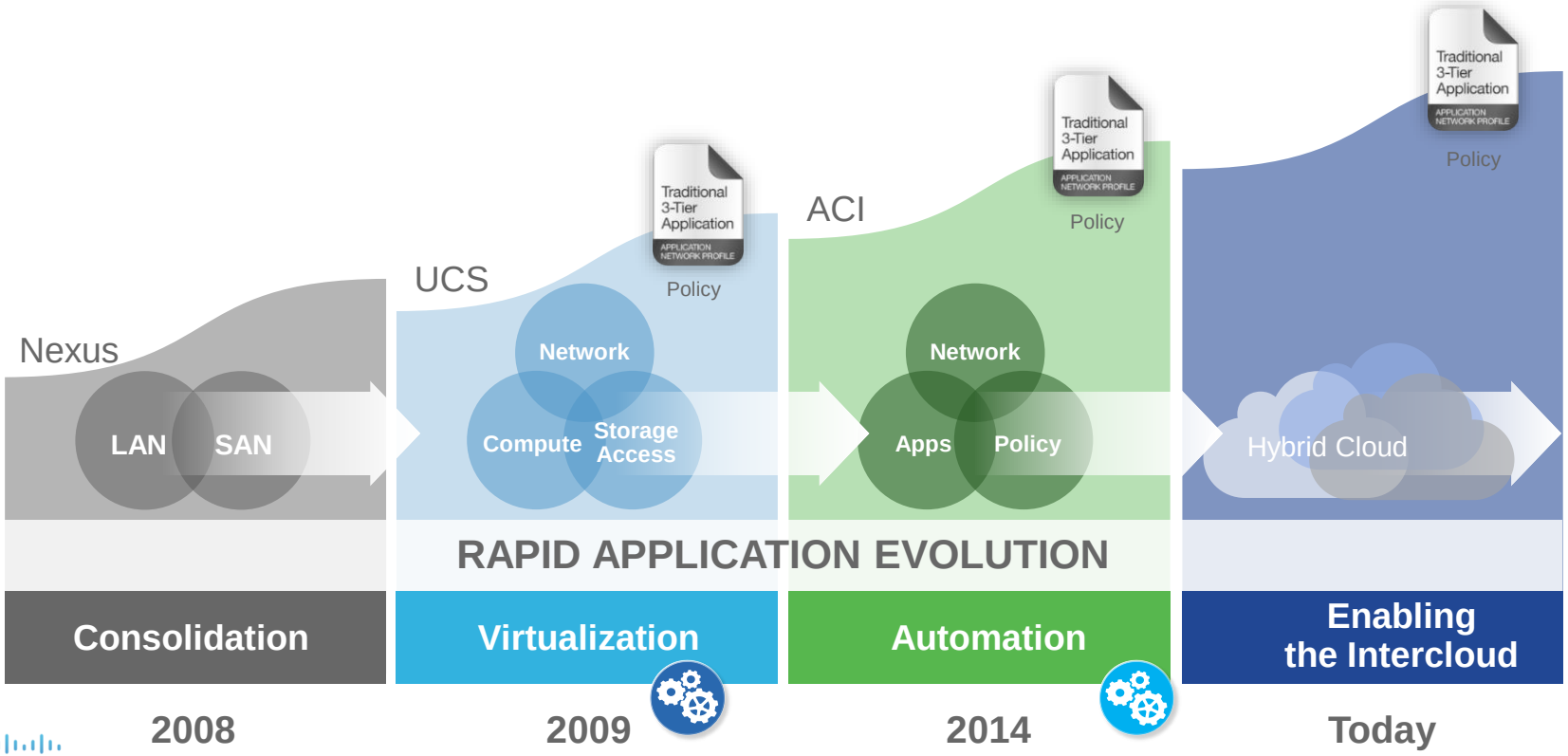
Digitization OFFERS Massive Value Creation

Data Center and Cloud Power Digital Disruption



277x	50B	180B	78%	5TB+
Data created by IoE devices vs. end-users	Devices connected by 2020	Mobile apps downloaded in 2015	Workloads processed in Cloud DCs by 2018	of data per person by 2020

Architectural Transitions for Cloud Adoption



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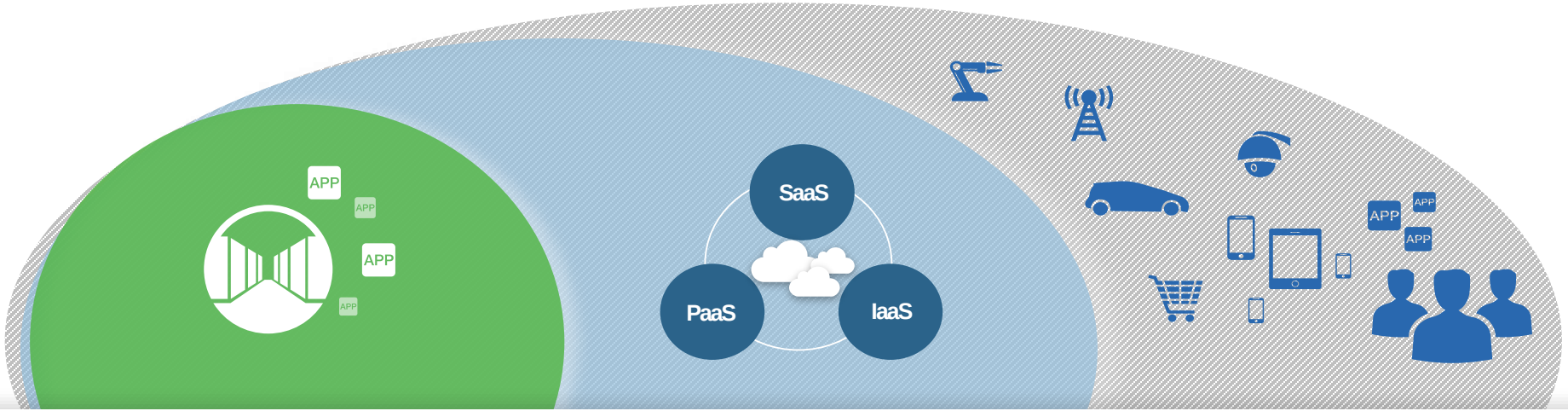
A Broad Perspective Is Required…

(disruption at all levels like Uber, Airbnb, Square, etc…plus security)

EFFICIENCY + SPEED + DISRUPTION



Data Center **Cloud** **Edge / IoT**

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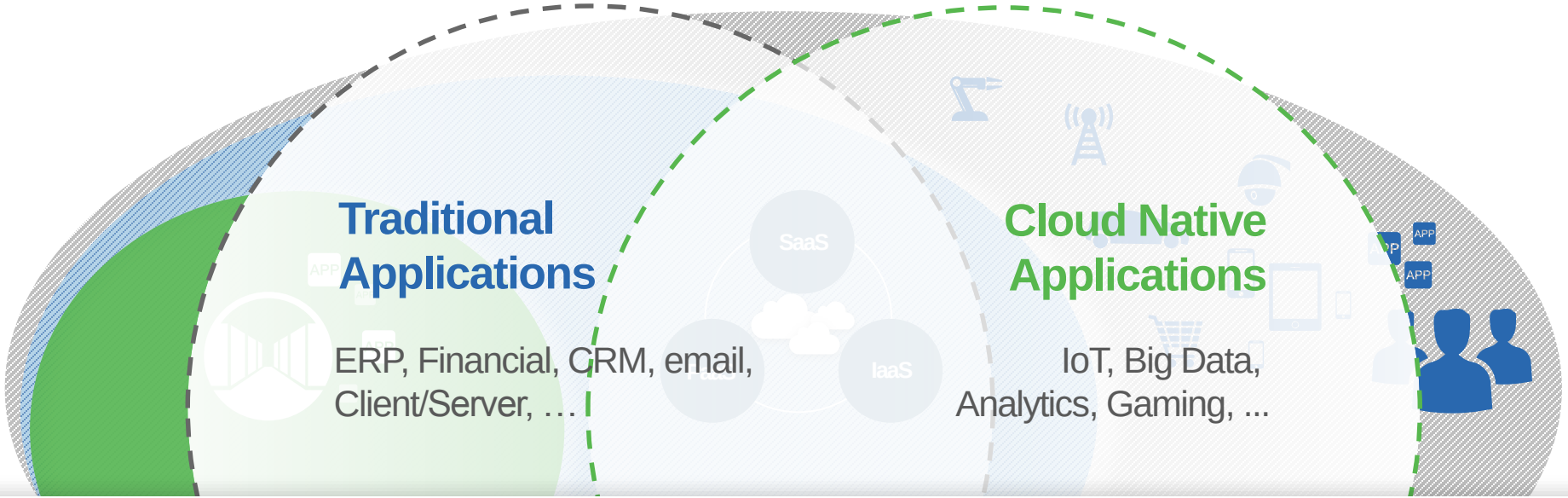
…to Balance New and Existing Requirements



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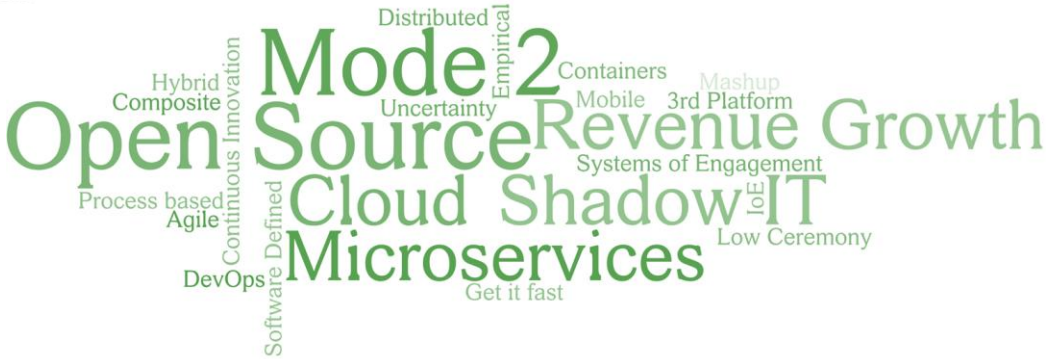
Gartner calls this Bi-Modal IT

SPEED

EFFICIENCY



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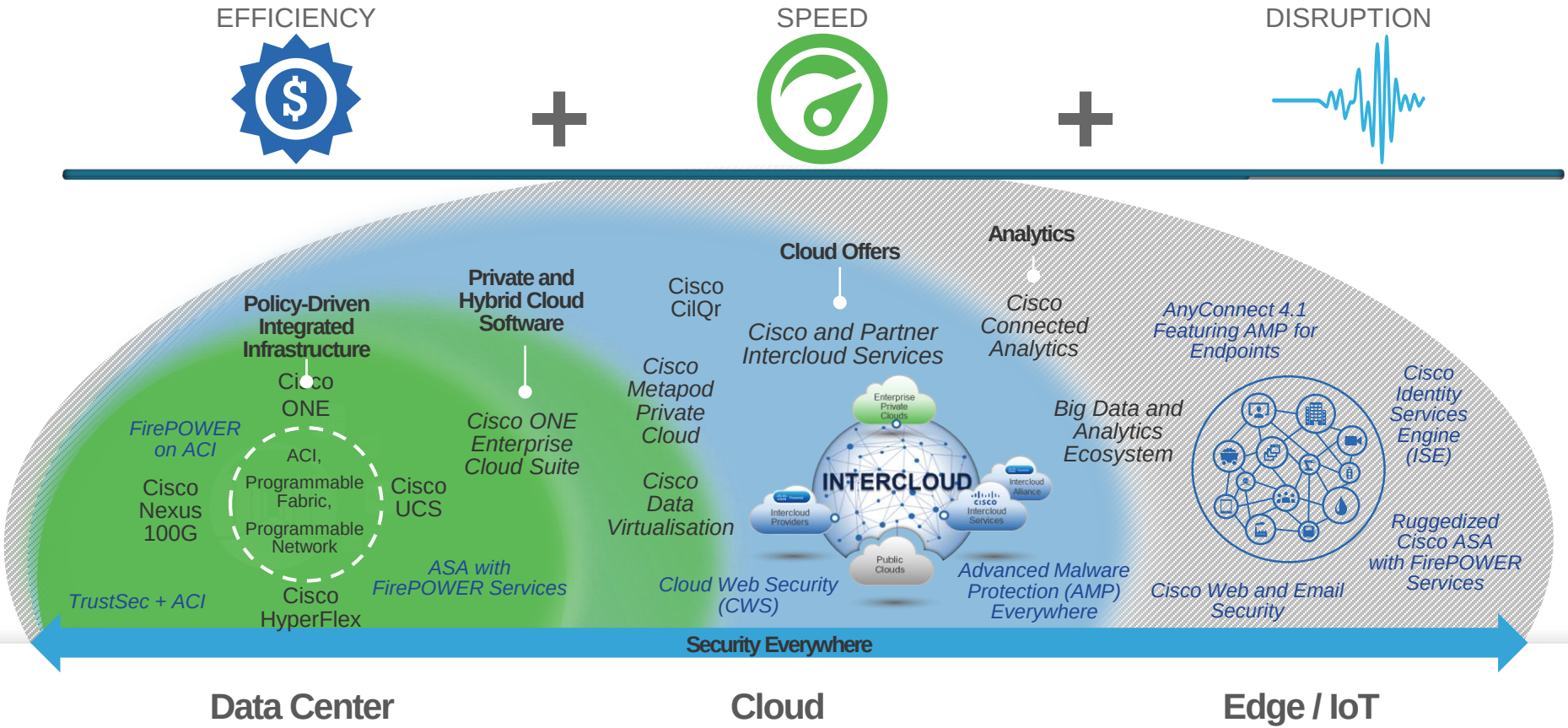
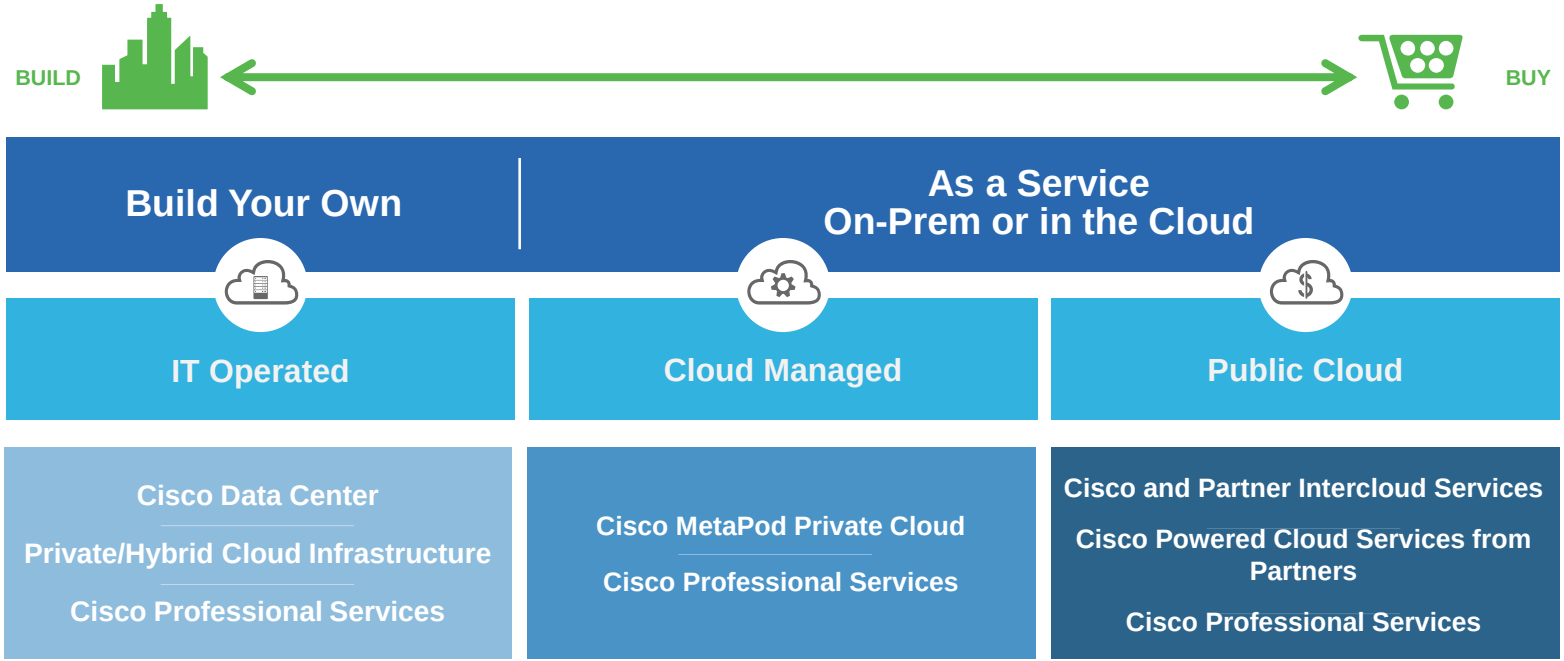
Best Enterprise Data Center, Cloud, and Security Portfolio in the Industry



Cisco Offers You Choice.

Support for Any Consumption Model



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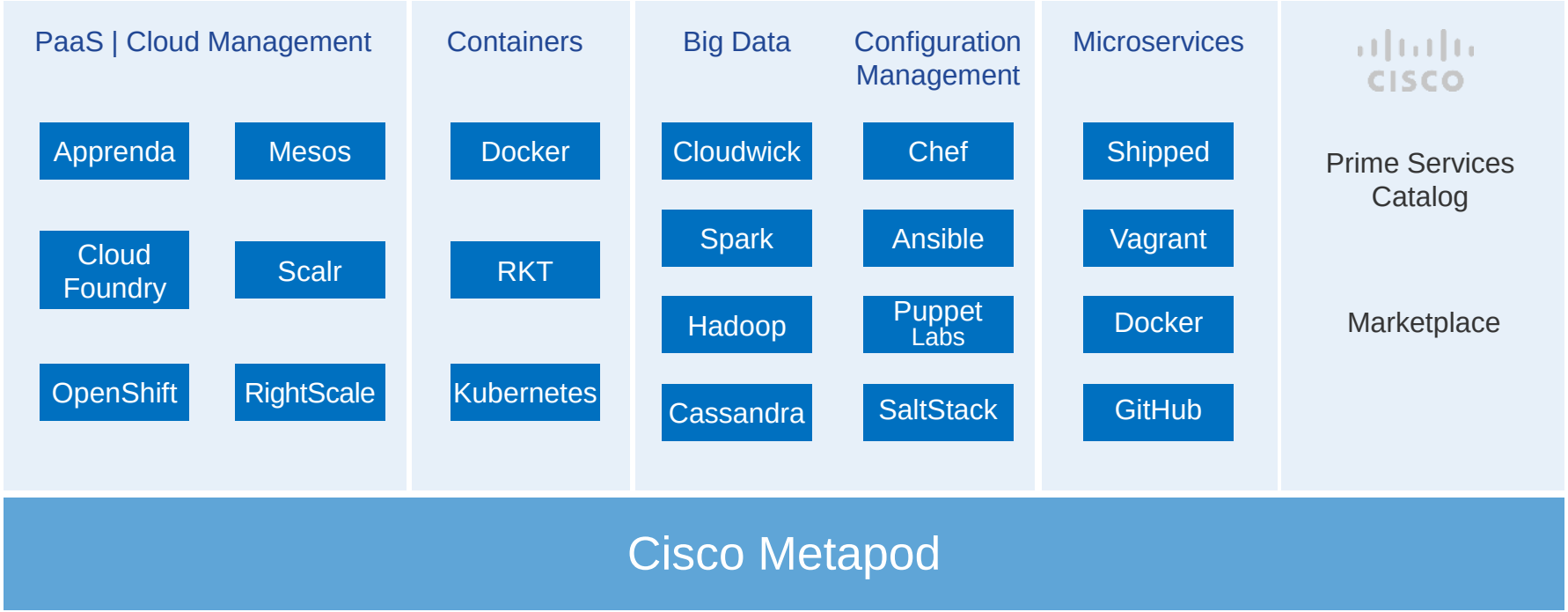
Cloud Workloads



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Cisco Ecosystem Delivers Choice

Any Application Across Any Consumption Model

APPLICATION PARTNERS

Business Applications

IBM, ORACLE, SAP, Microsoft

Big Data

cloudera, informatica, Pivotal, Hortonworks, MAPR, Greenplum

Analytics

SAP, splunk>, APPFLUENT, tableau, platfora, DATASTAX, elasticsearch., SAS, Qlction, MicroStrategy

Internet of Things

Honeywell, Rockwell Automation, Schneider Electric, EMERSON, United Technologies

DevOps and Cloud

mongoDB, openstack, docker, puppet labs, php, python, Ruby, LAMP

DATA CENTER PARTNERS

IBM, EMC², Symantec., Microsoft, f5, PANDUIT, Windows Server, OPSCODE, FORTINET, CFEngine, radware, AVI Networks, bmc, Netelligent., openstack, Zenoss, A10 Networks, NETSCOUT, ca, vmware, Check Point SOFTWARE TECHNOLOGIES LTD., VCE, simplivity, redhat., NetApp, StorMagic, nimble storage, CITRIX

INTERCLOUD PARTNERS

Deutsche Telekom, CCI, dimension data, Capgemini, SUNGARD AVAILABILITY SERVICES, proximus, CTC, INGRAM MICRO, CGI, Tech Data, CDW, NETSCOUT, Telefónica, World Wide Technology, Inc., FORSYTHE, NTT DATA, adapt, Johnson Controls, QTS, accenture, WIPRO, NetCast, NWN, ans, Iland, PRESIDIO, INFRONT, Telstra, bezeq, LG CNS, sentinel, BT, Nantian, Comstor

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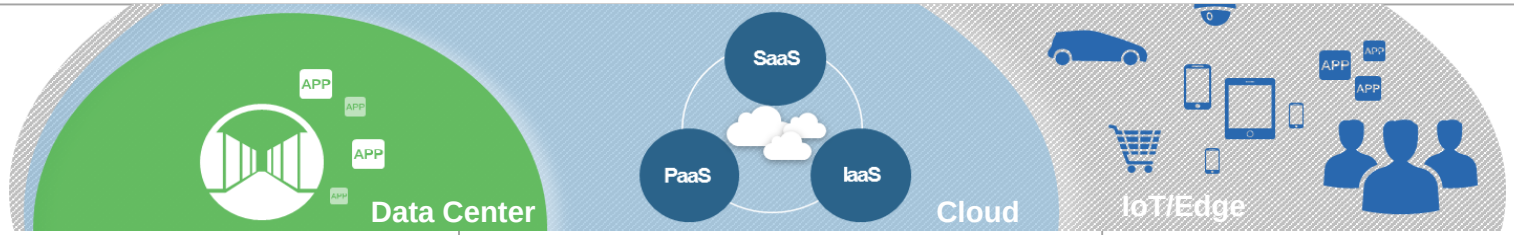
Cisco Delivers Business Outcomes Today!

EFFICIENCY + SPEED + DISRUPTION



A 13-month payback, 166% ROI…savings of $1.27+M over 3 years – Oak Hill School District

Saving 20% on infrastructure, 30% on power, and 50% on space

Grew capacity by "over 5x for the same AWS cost"

Repatriate 50% of Amazon Workloads with faster app release cycles

"We saved 6 months versus DIY OpenStack"

"We've gone from days to hours to add new devices and capacity"

"We accelerated provisioning from hours to minutes"

"We generated $145M in business benefits and successfully managed the Symantec / Veritas split"

Quantium has positioned itself to stay well ahead of our competitors for the foreseeable future

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Making Private and Public Cloud Work!

Hyperconvergence
Prepare for 10G to 40G transition
ACI for Next-Gen SDN
Drive outcomes with software
Automation & Operations

BE THE GORILLA

ACT LIKE A START UP

Own Digital Transformation
Embrace Openstack
Drive DevOps with MetaPod,
UCSD,ACI, ECS
Metapod for (AWS in your DC)
Enable Hybrid Cloud with ICF

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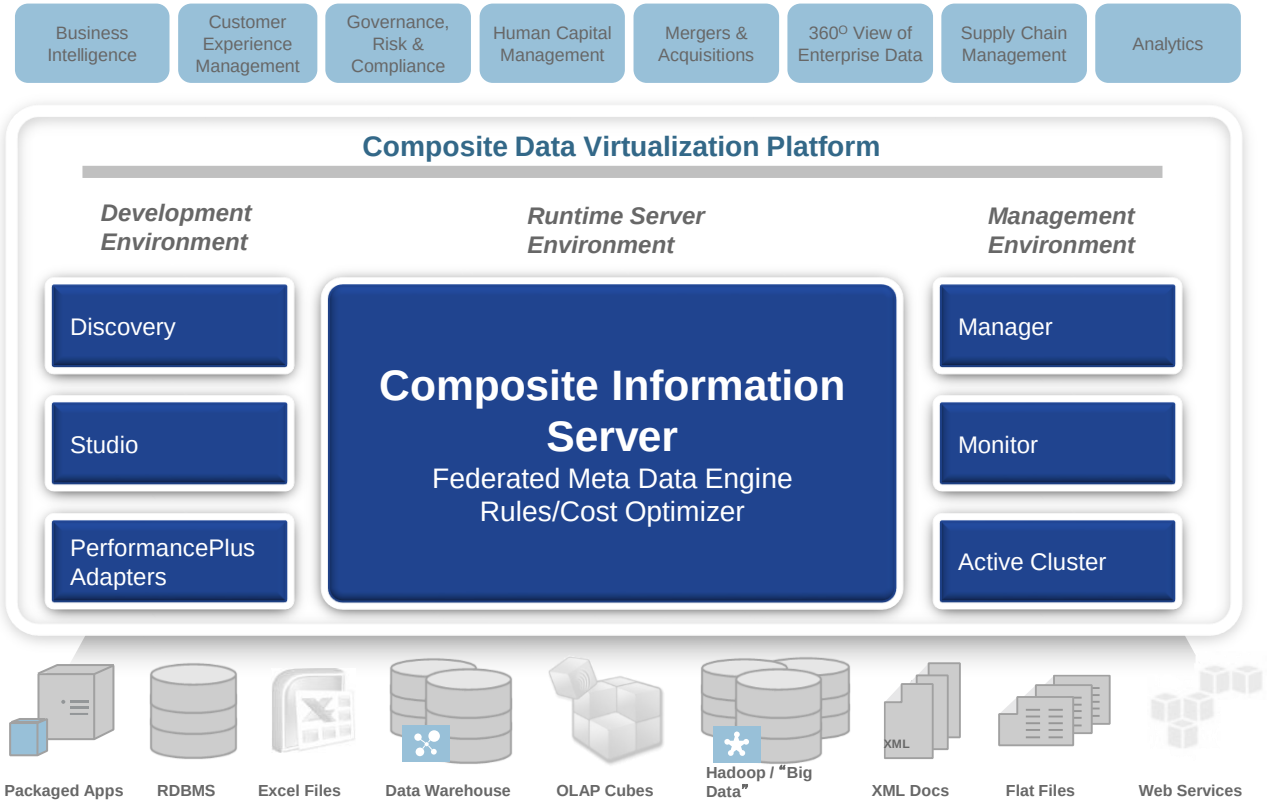
CISCO

Data Virtualization Platform



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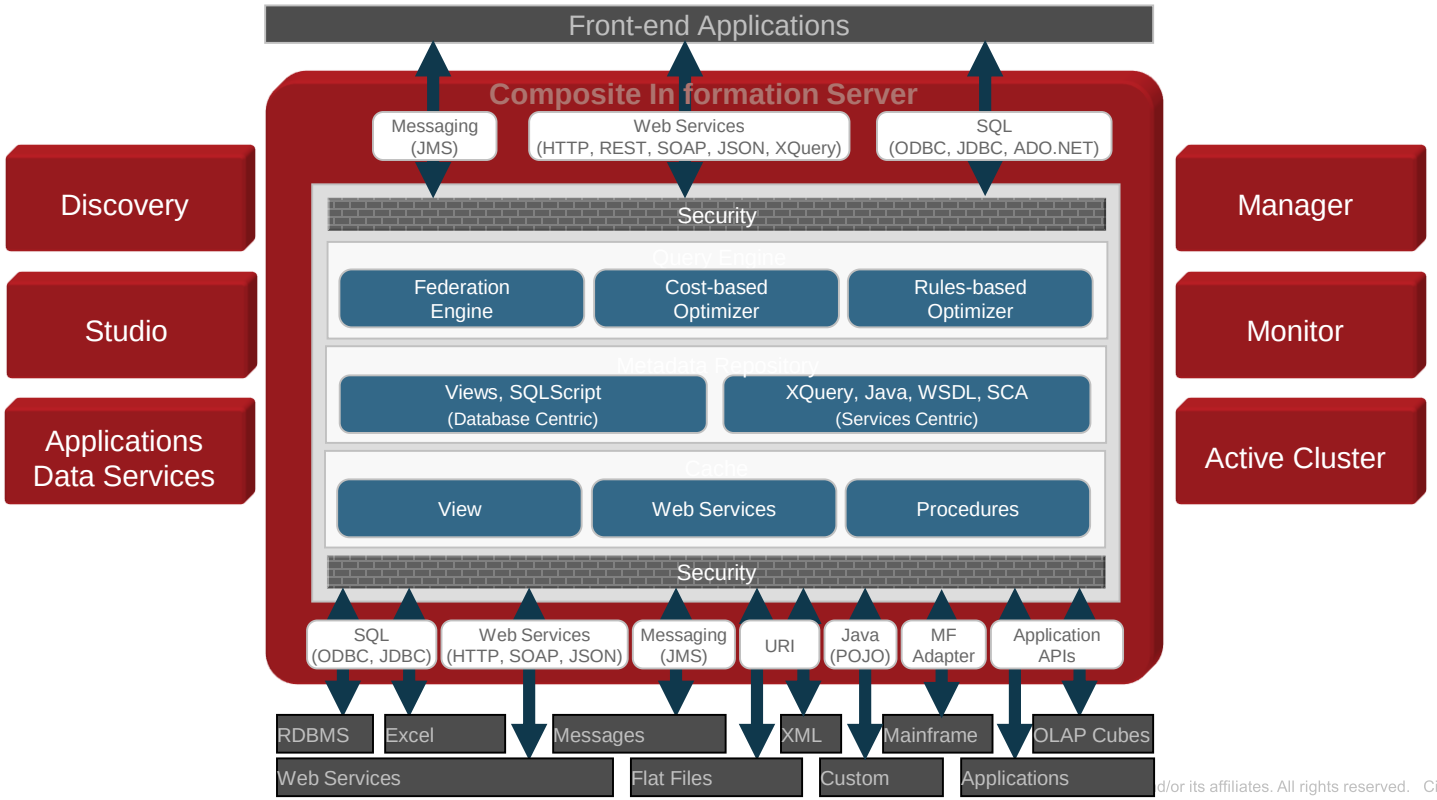
Cisco Data Virtualization Platform

Development Environment

Runtime Server Environment

Management Environment



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