Digital Transformation



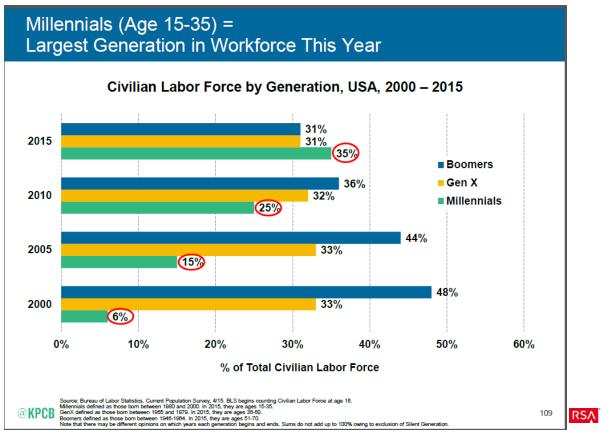
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Changing of the guard



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Millennial Impact

Consumers' Expectation That They Can Get What They Want With Ease & Speed Will Continue to Rise...

This Changes Fundamental Underpinnings of Business & Can Create Rising Demand for Flexible Workers



123



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Why new business models are needed!

"Using your best estimate, what percentage of your total sales does your business generate through digital products/services or products sold online?" (e.g., eCommerce, digital advertising, digital media, digital subscriptions, digital services, app sales, data sales) by 2020 2014 2015 54% 49% 48% 44% 43% 37% 31% 32% 30% 28% 27% 24% 24% 23% 16% 10-249 250-999 1.000-4.999 5.000-9.999 10.000 +employees employees employees employees employees (N = 74)(N = 101)(N = 150)(N = 64)(N = 43)

Base: 432 executives

Source: Forrester/Odgers Berndtson Q3 2015 Global Digital Business Online Survey



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BORDERS



NETFLIX

The emergence of The Digital Enterprise



BLOCKBUSTER





Every Industry Is Being Digitally Transformed

• Product Companies Are Creating "Smart Devices"



Every Industry Is Being Digitally Transformed

• Service Companies Creating Consumer Experiences



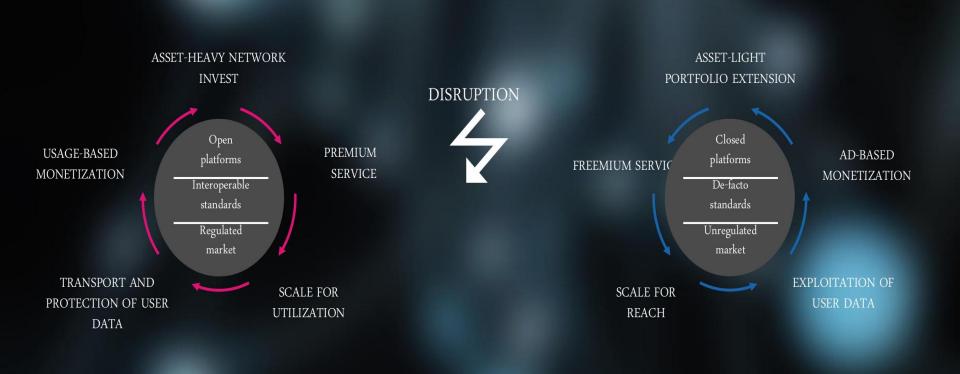
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We Believe All Companies Will Have...

- 1000X More Data
- A Desire To Increasingly Operate In Real Time
- Analytics That Make Product & Service Smarter
- More Personalized Products & Services Over Time



Competitive View: Substitution ahead

















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IT Infrastructure : The Next 15 Years



Develop Consumer Grade Mobile Apps & Embedded Software To Transform The Business... While Lowering Costs & Improving The Agility Of Existing Apps

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A Heretical Thought ? Bi-Modal IT.



Attributes Of Bi-Modal IT



A New Iterative Development Model Speed = Competitive Advantage

Data Generated By

New Applications

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Applications Transform Business

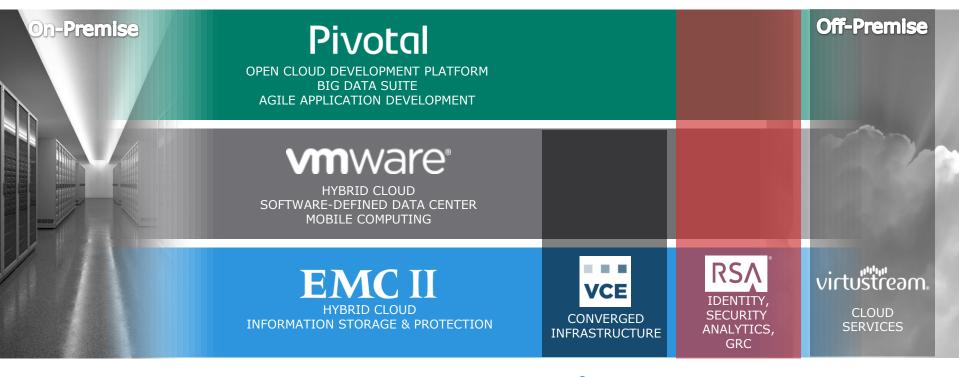
Analytic Insights Drive New Functionality, Which Drives New Data

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A UNIQUE FEDERATION OF COMPANIES

STRATEGICALLY ALIGNED, BUT OFFERING CUSTOMER CHOICE!



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A New "Cloud-Native" Application Architecture



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Requiring A New, Open, "Cloud Native" Platform

Open Source Community Development, Cloud Independent Deployment



 $\bigotimes EMC^2$

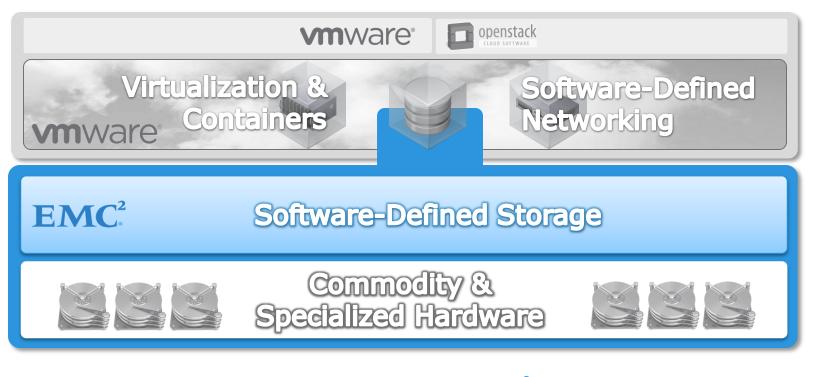
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A New "Cloud-Native" Infrastructure

Based On A Software-Defined Architecture





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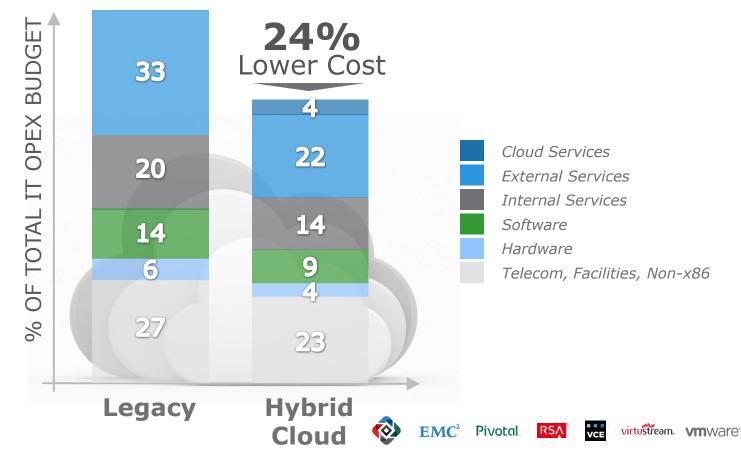


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"Mode 1" IT Requires Transformation Too



A Hybrid Cloud Can Reduce IT OpEx By 24%





FEDERATION HYBRID CLOUD UP & RUNNING IN AS LITTLE AS 28 DAYS



What's In A Hybrid Cloud ?



Mission Critical Applications (10's)





Tier 2+ Applications (100-1000's)

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Hybrid Cloud Architecture



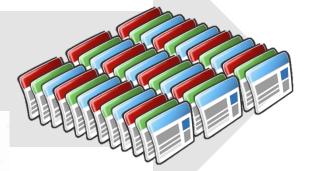
Scale-Up

VBLOCK[®]

✓ Branded Components ✓ High Resiliency ✓ Low Latency

Hybrid

oud

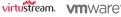


Tier 2+ Applications (100-1000's)









Hybrid Cloud Architecture



Mission Critical Applications (10's)

✓ Software-Defined ✓ Commodity Components ✓ High Efficiency

Hybrid

loud

Scale-Out

Tier 2+ Applications (100-1000's)

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Hybrid Cloud : Deployment Options Private Cloud, Managed Private Cloud Or Public Cloud ... On Or Off-Premise

On-Premise Off-Premise

Private Cloud Managed Hybyate Cloud Cloud



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Hybrid Cloud : Management Options You Manage On-Premise, Federation Manages Off-Premise ... Or On-Premise

On-Premise Off-Premise



Managed Private Cloud







Public



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Choose Where To Run Mission Critical Apps

On Or Off-Premise <u>With</u> Service Level Guarantees



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Choose Where To Run Your Tier 2+ Applications

On Or Off-Premise With Service Level Guarantees









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Choose Where To Run Your Tier 2+ Applications Move To A Public Cloud











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Choose Where To Run Your Cloud Native Apps

Built On A Cloud-Native Infrastructure





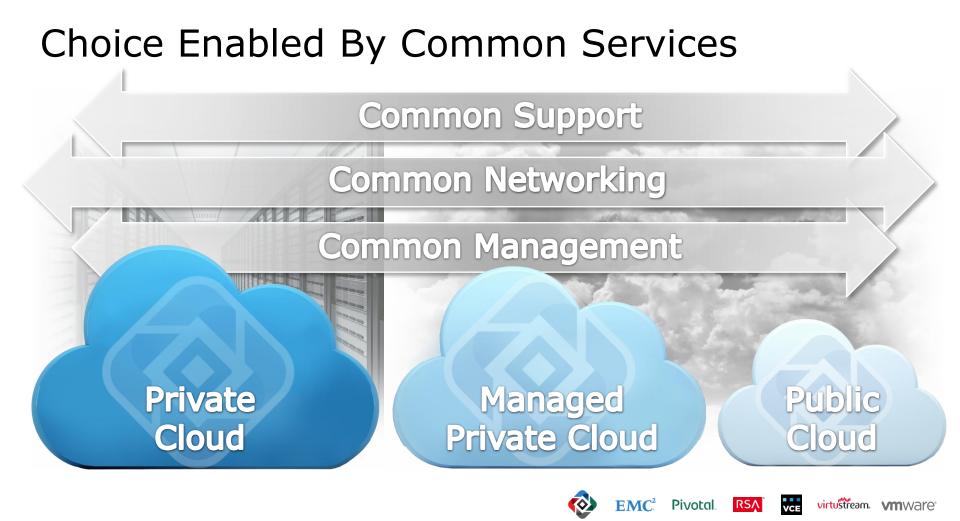
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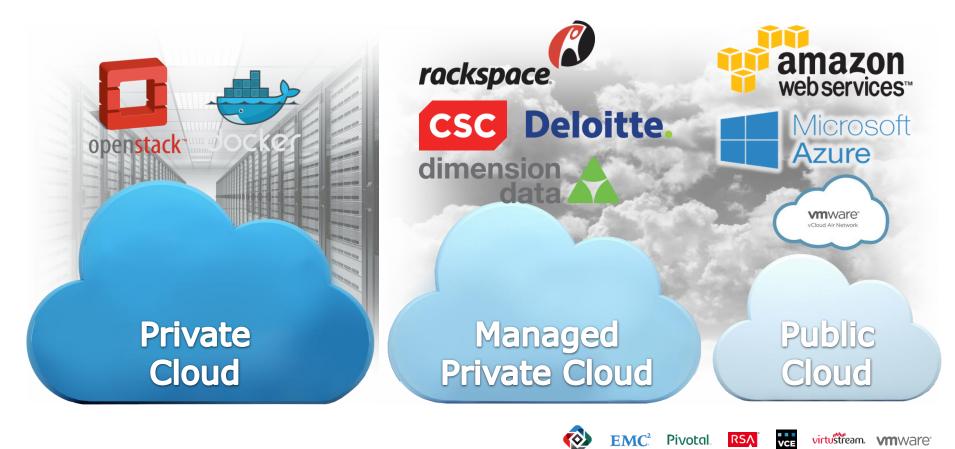
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Choice – Our Federation Promise



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Enterprise Security, The Old Way



Giving Rise To More Breaches Than Ever...

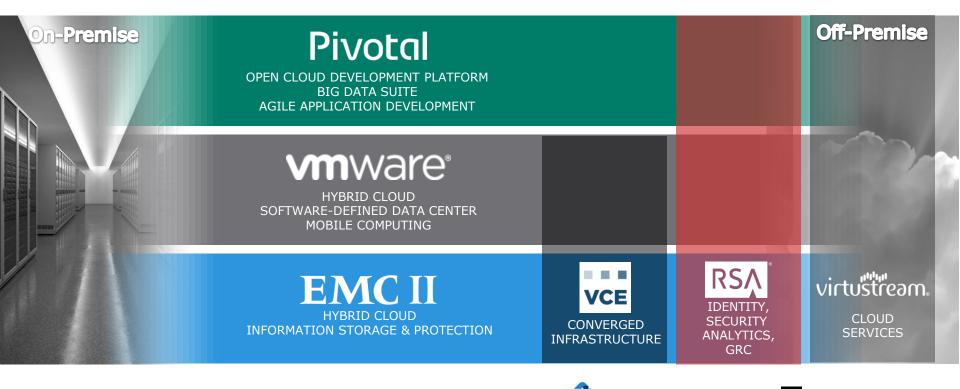


Building A Trustworthy Digital Enterprise



A UNIQUE FEDERATION OF COMPANIES

STRATEGICALLY ALIGNED, BUT OFFERING CUSTOMER CHOICE!



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