



Take advantage of Cloud for application development and deployment

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What CEOs Care About

Business Agility and Entering **NEW MARKETS**

Financial **GROWTH**

"SURVIVAL"

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The Current On-Prem IT Operating Model Is Unsustainable

Based on Old Legacy Applications



- Technical debt continues to pile up.
 - Age of IT equipment in many industries is up 15% to 30%.
 - 80% of budgets are spent on maintenance.
 - System failures increasing.
- Security and compliance adding to costs and stress.
 - 95% of networks have been breached.
 - More than 2/3^{rds} go undetected.
 - Cybersecurity spending increasing 10% per year.

A Demographic Shift Is Also Forcing A Technology Shift Java Cro

CONSUMERS

68% Of Millennials demand an integrated, seamless experience regardless of the channel.

90% Say access to real-time product availability information would influence their shopping choices.

WORKERS

50% Of the workforce will be Millennials in 2020

Shifting to Gig Economy, e.g. Uber has **160,000** workers and only **4,000** full-time employees.

- Expect easy-to-use mobile applications that just work.
- Workers shifting to 'gig economy' need simple mobile business apps to ramp quickly.

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There Is Other Way: Cloud Computing

- Lowest cost
- Least complex
- Most reliable
- Best security
- Rapid innovation
- Simple

Public Cloud

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VISION 2025



Cloud computing by Year 2025: 5 Predictions

- By 2025 80% of Production Apps Will Be in the Cloud
- By 2025 Two Suite Providers Will Have 80% of the Saas Apps Market
- 100% Of New Dev/Test Will Be Cloud In 2025
- By 2025 Virtually All Enterprise Data Will Be Stored In Clouds
- By 2025 Enterprise Clouds Will Be The Most Secure IT Environments.





Bridging years until 2025





The Cloud: A New Era of Utility Computing

All Three Tiers of Computing Delivered as a Service via Global Network

- Applications: Software as a Service SaaS
- Platform: Database, Middleware, Analytics, Integration... as a Service PaaS
- Infrastructure: Storage, Compute and Network as a Service IaaS



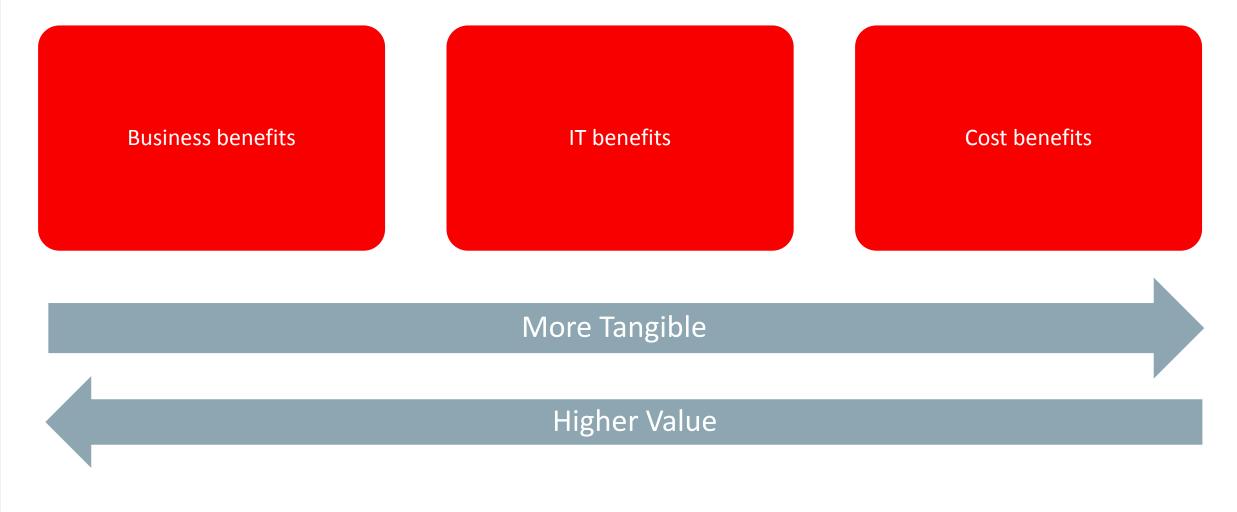




When does cloud make sense?

- Company wants its IT organization to focus on competitive differentiation, not tech infrastructure
- Company wants to be able to grow quickly and shrink quickly, if needed
- Company's lack of internal IT
- Company wants part of its operation in the cloud

Benefits using Cloud Application Development and ava Cro Deployment



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Application Development: Real Scenarios



CLOUD DEV & TEST

Development, testing & standby in the cloud: rapid provisioning & fast deployment to cloud or on-prem





LIGHTWEIGHT CONTAINER APPS

Development & deployment of lightweight web/scripting applications in a simple, enterprise class scalable cloud environment

EXTEND SAAS WITH PAAS

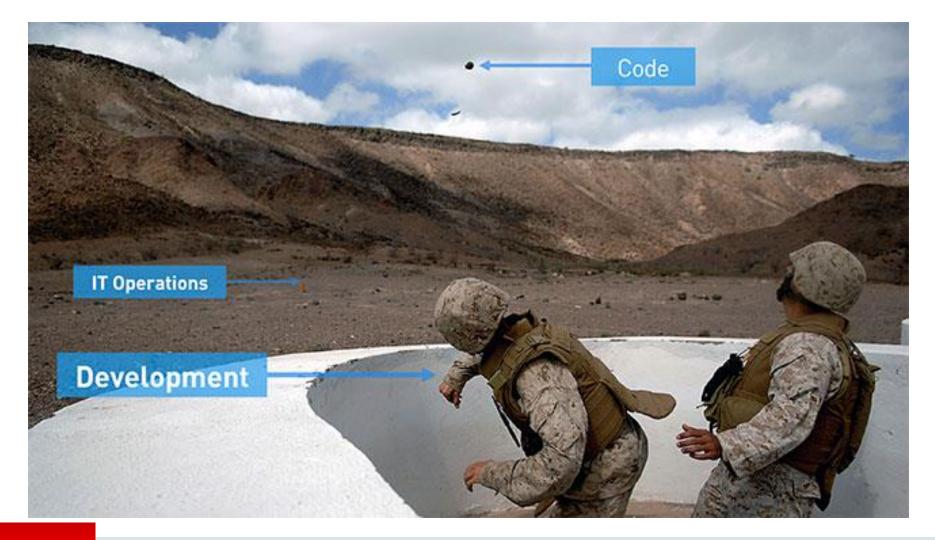
Extending SaaS applications to add functionality, analytics and customizations

*Source: Computerworld Strategic Marketing Services, September 2014 Cloud Survey

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Dev & Ops cooperation Code is written – it's your responsibility now







Business Value Is Driving DevOps in the Cloud



FASTER TIME-TO-MARKET

- Quickly align with business requirements by increasing frequency of releases
- Increase accuracy of releases - avoid downtime



COST



FOCUS ON BUSINESS VALUE

- Automate what was previously done manually. Reduces OPEX
- Prevent humans from making costly errors
- Reduce downtime, which saves money

 Allow high value employees to focus on higher value activities

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Application Development & Deployment Benefits

- Instant setup
- Complete automation
- Multiple Programming Languages
- Continuous Delivery
- Scalability
- Any workload





Thank you!

