SHOULD HEALTHCARE CIOS LOOK TO PRIVATE CLOUDS?

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imaginea

Fundamentally, is cloud relevant for healthcare?

This has become an inconsequential questions. The only question that remains is "When" and "How"

35%
of HealthCare IT organizations are already leveraging Cloud technologies

47%
Cloud apps/mobile devices is increasing operational efficiency

21%
Savings on IT budget expected by the end of 4th year, with 14% right in the 1st year

Source: CDW 2013 State of Cloud Report

What challenges are ailing cloud adoption?

51%

of HealthCare IT orgs are concerned about **data security & privacy challenges** with cloud technologies

36%

Feel cloud **performance** is a challenge considering mobile users

31%

Integration with existing platforms is a major challenge

47%

Are adopting IDC-10 this year. Business **Agility,** in dealing with changing regulations needed

Source: CDW 2013 State of Cloud Report

Is Private cloud a right fit? – Yes we believe so

Better Security

25% fewer fraud incidents & 38% lesser compliance costs

Better Performance

Lower data ingress and egress through internet channels, helps better performance

Better Agility

Flexible environments, Faster provisioning & Accelerated engineering, core to agility

Better Interoperability

Cloud APIs provide better integration with both on premise & cloud apps

Cost Rationalization

Reuses existing infrastructure & software. Significantly higher ROI

Vendor Lock-In

In-house systems and "Open" architectures reducing vendor lock-in

http://resource.onlinetech.com/benefits-of-private-cloud-computing-compliant-cost-effective/
2013 BusinessWeek, State of Cloud Report

For which HealthCare IT scenarios does private cloud work best?

SOLUTIONS	BENEFITS		
	Reduce Cost	Increase Revenue	User Experience
Migrating On-premise to Cloud	☁		☁
Secure storage on cloud	☁	☁	
DevOps for cloud automation	☁	☁	☁
Physician collaboration & Mobility	☁	☁	☁

Who is Imaginea?

Dig Deeper?

DEEP DIVE INTO PRIVATE CLOUD SOLUTIONS FROM IMAGINEA

Who will find it most useful?

Expert   Evaluator   Geek

#1 Migrating on-Premise to Cloud

Clear, demonstrable benefits are needed to change status quo.

Pain point

Moving legacy Financial & Clinical IT applications to cloud is risky and requires customization.

Solution

Imaginea's PaaS platform & rapid application development expertise helps build APIs that accelerate the migration & reduces risk.

Benefits

Get cloud's scalability, asset cost reduction benefits quickly with no risks to your operations.

#2 Secure Data Storage on Cloud

Securing static and in-motion data

Pain point

Storage demand is increasing exponentially.

With most diagnostic equipment capable of providing digital copies, and hospitals sharing data, storage needs will only increase.

Solution

Building encrypted data storage on cloud for static data. Encrypting data in motion and installing mobile apps to decrypt & view data.

Real time connectivity with Healthcare Information Exchange for collaboration.

Benefits

Lower asset expenses

Reduced data privacy and security risks

Single version of truth, for better information on patient care.

#3 DevOps for Cloud Automation

Automation is fundamental for cost reduction and business agility

Pain point

Engineering time is lost in low value tasks such as configuring & debugging environment, increasing TCO and time to launch.

A recent study revealed 82% of companies need more than a day for configurations.[1]

About 30% of issues are caused due to manual configuration.[2]

Solution

Automating manual dev-op tasks for app integration & deployment using scripting tools such as Chef/Puppet/Ansible

Adopting agile methodology for continuous integration & deployment.

Benefits

Productivity increase by 40%.

Deployment management effort reduced by 30 to 40%.

Software development effort reduced by 25 to 30%.

Operations overhead reduced by 10 to 15%.

1. http://www.forrester.com/Five+Ways+To+Streamline+Release+Management/fulltext/-/E-RES58422
2. ftp://ftp.software.ibm.com/software/au/events/innovate/Business_Track_2.pdf

#4 Physician Collaboration & Mobility

Improved productivity at clinics is vital to cost rationalization and better patient care

Pain point

<u>Meaningful Use</u> needs that physicians share information for better patient care.

Physicians are increasingly using mobile devices to improve productivity for collaboration & deeper analytics

Solution

Moving clinical applications on cloud increases interoperability between on-premise, cloud and Healthcare Information exchanges (HIEs)

Developing apps on mobile devices connected to cloud

Benefits

Significant improvement in physician productivity, lower operating expenses

Improved patient care through real time updates on patient characteristics

CAN IMAGINEA HELP ENABLE PRIVATE CLOUDS?

Yes.. Imaginea has a legacy in build, transfer, operate (BTO) engagement for private cloud engagements

For HealthCare, we are already HIPAA certified and would be willing to sign the required compliance agreements based on the engagement.

Why Imaginea?

Imaginea is a business of Pramati Technologies, the pioneering Java™ application server vendor

Our enterprise software heritage and history with product development; ability to build lasting products

Our experience with highly demanding clients ensures that we have the specific expertise our customers need

Our vertical expertise in healthcare, insurance, retail, financial and more industries

Our Mountain View Competency Center, an innovation center for cloud technologies.

A Service Company with a Product DNA

We put our money where our mouth is by starting independent product companies.

LET'S GET STARTED.

http://www.imaginea.com/cloud

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