

Conference Report

HIMSS 2018



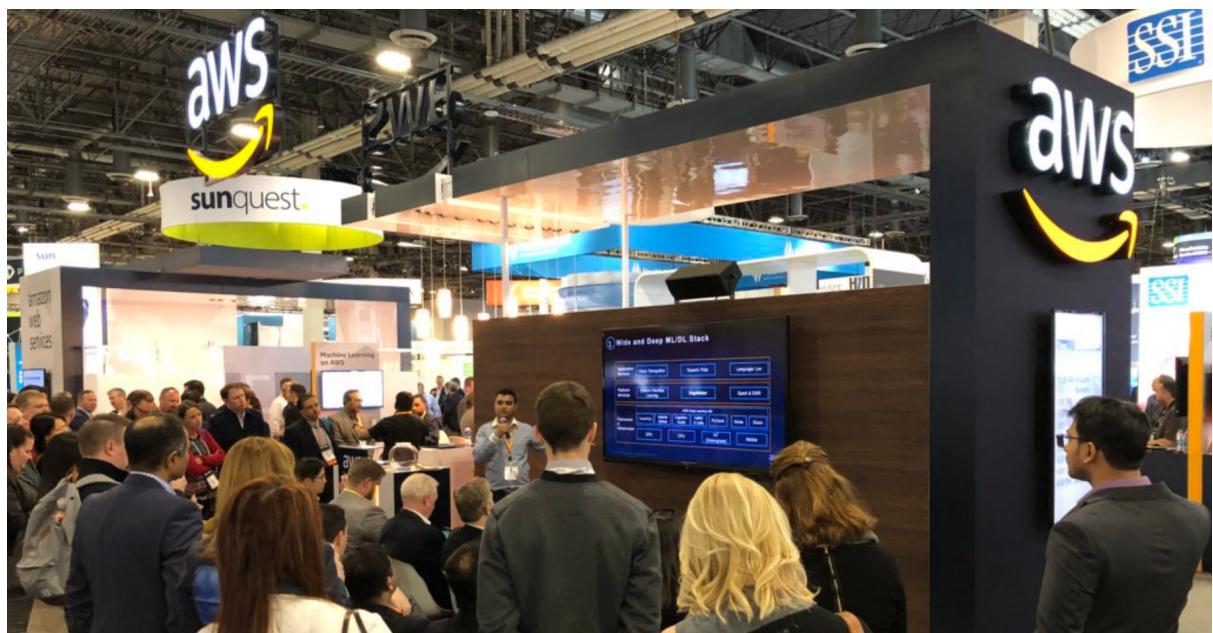
Las Vegas, Venitian

<http://himssconference.org/>

March 5-9

About the Conference

One of the biggest Health IT Conference with +40.000 attendees and hundreds of companies at the exhibition hall. AWS sponsored Cloud Computing Forum and also had an intensive participation at the exhibition hall.





AWS was exclusive sponsor of Cloud Computing Forum, a specific HIMSS event with sessions about healthcare and cloud computing where our team presented two different sessions:

Cloud 101

Debunking Myths and Establishing a Foundational Understanding

MOUTON 2

The cloud is relatively new in healthcare and not everyone fully understands the capabilities nor the value that can be achieved by moving to the cloud. At the same time, there are various considerations that should be addressed as you embark upon your cloud journey. This session will establish a foundational understanding of cloud concepts and services as well as explore how various organizations are adopting cloud services to accelerate business transformation and innovation.

From this session, you will learn:

- Key foundational cloud concepts and services.
- What to consider for your cloud journey.
- How you might apply these services in various areas of your healthcare enterprise or solution development.



MARK JOHNSTON

Director, Global Business Development,
Healthcare, Life Sciences, And Agriculture
Technology
Amazon Web Services
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Architecting for HIPAA

MOUTON 2

With the proliferation and widespread adoption of cloud computing solutions, it's critical that HIPAA covered entities understand how they can take advantage of cloud computing while complying with regulations protecting the privacy and security of electronic protected health information (ePHI).

Key takeaways from this session:

- Clarity on HIPAA and the BAA on the cloud.
- Architectural principles to make sure that data is secure.
- How does a customer get started? What other partners are available to assist?
- What should you look for when evaluating partners to help?



PAT COMBES

Global Technical Leader - Healthcare And Life
Sciences
Amazon Web Services
[View Bio >>](#)

Social Media & Live Tweet

Vinicius Senger (vsenger@) was in charge of doing social media and live tweet at:

- Cloud Computing Forum presentations;
- AWS Booth presentations

More than 60 tweets were published and can be found here:

<https://twitter.com/search?q=%23HIMSS18%20AwsOnAir&src=typd>

Highlights

⟳ Julio Faerman retweetou

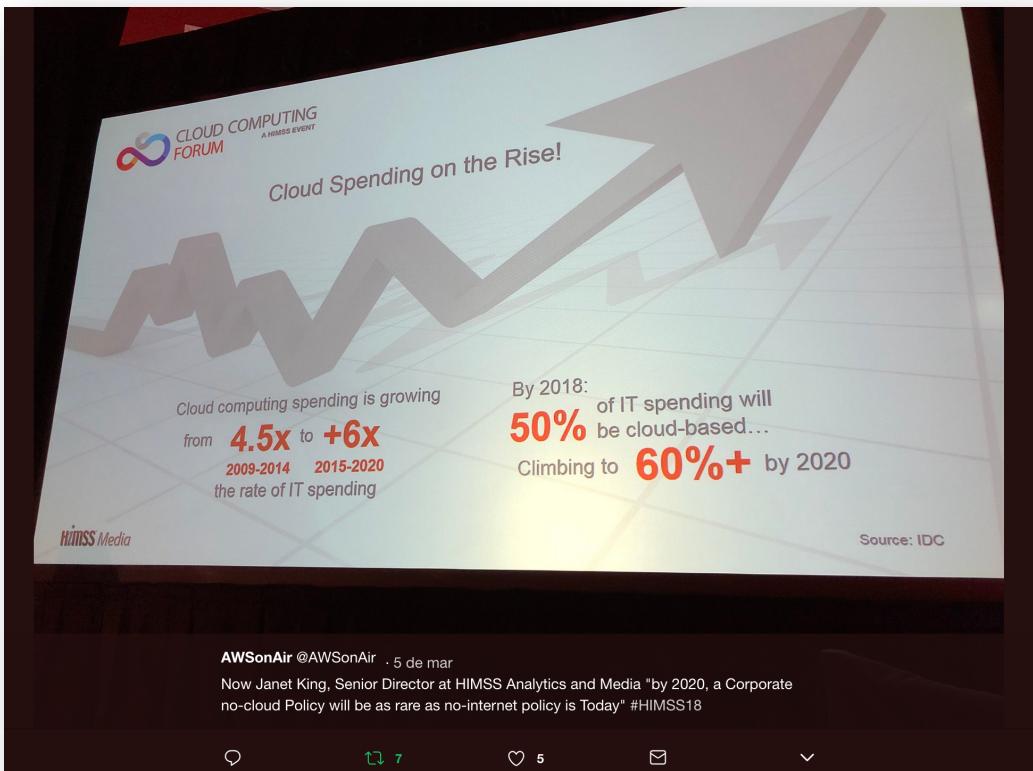
aws **AWSSonAir** @AWSSonAir · 5 de mar

Now Janet King, Senior Director at HIMSS Analytics and Media "by 2020, a Corporate no-cloud Policy will be as rare as no-internet policy is Today"
#HIMSS18

🌐 Traduzir do inglês



The tweet includes a photo of Janet King speaking at the Cloud Computing Forum. The background shows a large screen with the event's logo and a graph titled "Cloud Spending on the Rise!" showing projected growth from 4.5x to 6x by 2020. The tweet has 7 retweets and 5 likes.



AWSonAir @AWSonAir · 5 de mar

Janet King sharing useful numbers and stats from HIMSS Cloud Computing Survey **#HIMSS18**

Traduzir do inglês

The image shows a woman standing at a podium on a stage, speaking to an audience. Behind her is a large projection screen displaying various charts and graphs related to cloud computing adoption in healthcare. The screen includes sections titled "Cloud adoption is rapidly accelerating" and "Moving beyond operational to strategic use cases". The charts show percentages of workloads deployed in the cloud across different organization sizes and use cases.

Cloud adoption is rapidly accelerating:
Average % of Workloads Deployed in Cloud

ORGANIZATION SIZE	ON-PREMISE (%)	IN THE CLOUD (%)
SMALL TO MID-SIZED ORGS	33%	66%
LARGE ORGS	11%	88%

Today In 12 Months

Cloud use cases

CASE	PERCENTAGE
Storage and archiving	59%
Clinical information systems	47%
Business continuity & core resilience	41%
Cloud-based remote care*	39%
Clinical and pop health analysis*	38%
Patient care coordination	32%
Population management*	31%
Translating research findings	25%
None of these	0%

HIMSS Healthcare Cloud Computing Survey, 2018

Cloud Computing Forum

LOUD COMPUTING FORUM

HIMSS EVENT

www.HITCloudForum.com | #HITCloud

Cloud Computing Forum

Janet King sharing useful numbers and stats from HIMSS Cloud Computing Survey #HIMSS18

Comment 0

Share 6

Like 4

Email

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www.HITCloudForum.com | #HITCloud

Cloud Computing Forum

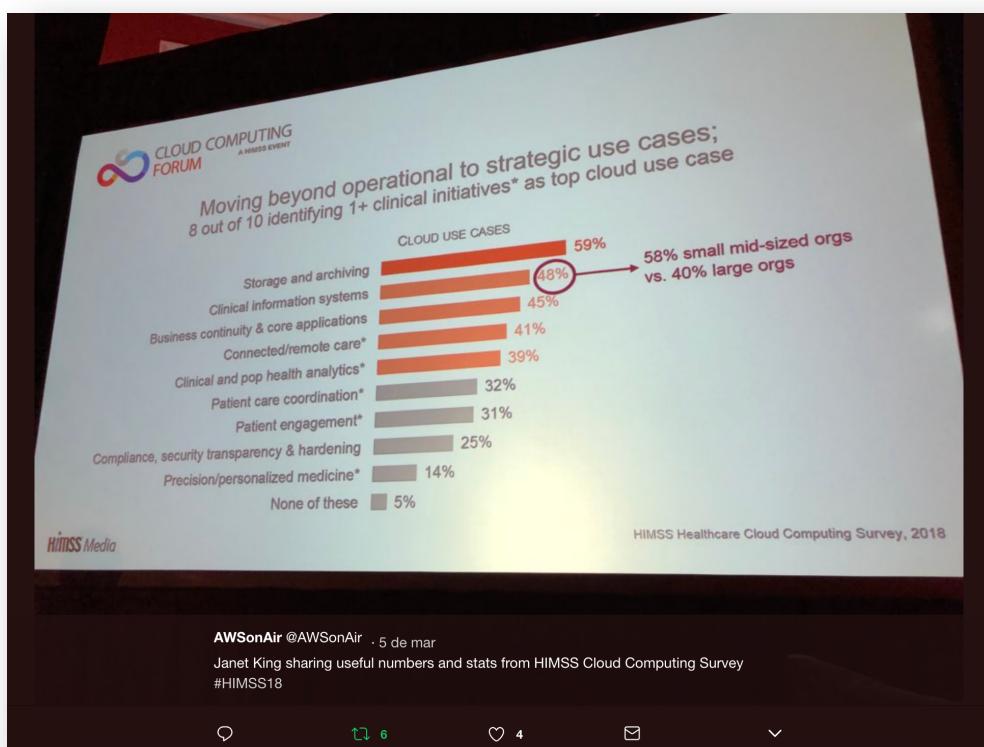
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Kirk Anderson, VP and CTO from Cambia Health Solutions sharing Cambia's Cloud History and experiences #HIMSS18

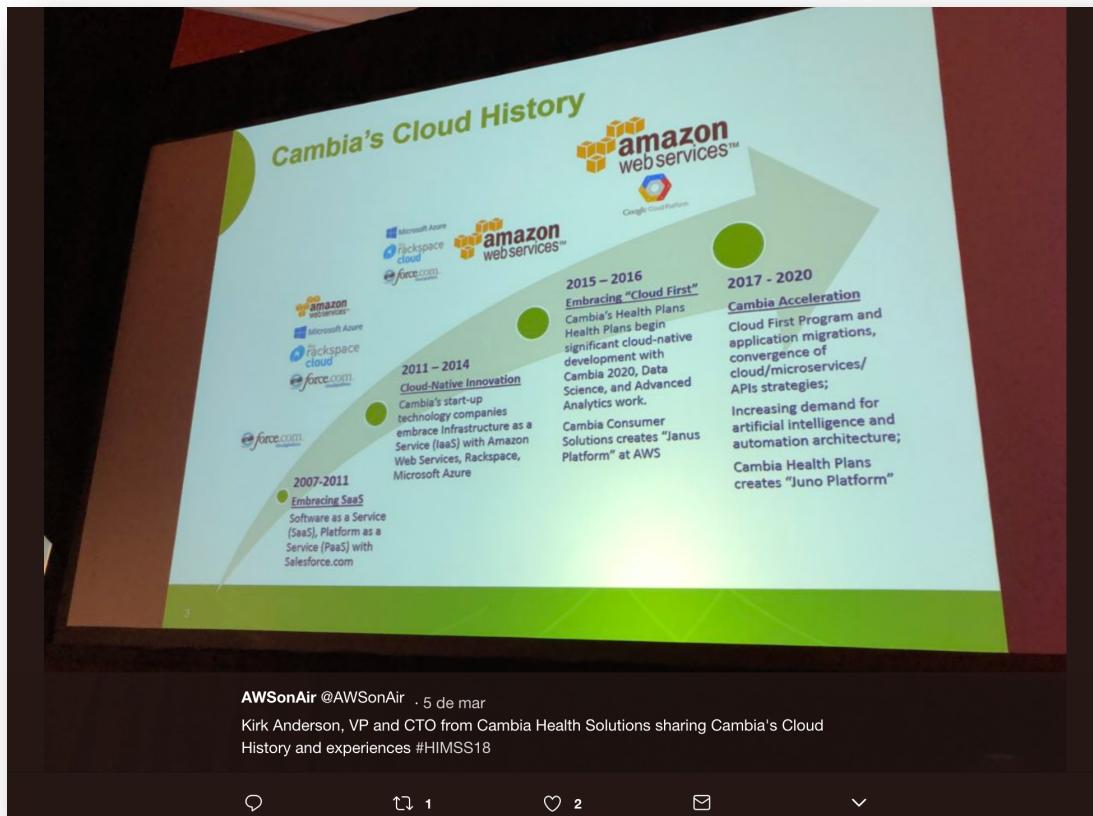
Traduzir do inglês



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AWSonAir @AWSonAir · 5 de mar

Kirk Anderson discussing reasons to migrate to the Cloud based on Cambia's experiences. #HIMSS18

Traduzir do inglês

The slide has the following content:

Realizing the Value of Transformation

From

- Agility**
 - Constrained to physical location
 - Rigid deployment schedules
 - Point-to-point custom integrations
- Speed**
 - Complex development model (months)
 - Information updated infrequently
 - Constrained by asynchronous batches
- Scalability**
 - Limited capacity
 - Cannot respond quickly to demand
 - Significant lead time required
 - Scalable security – patching, logging, monitoring, etc.
- Cost**
 - Infrastructure designed for "peak"
 - Reliance on expensive third parties
 - Unlimited growth in maint. & support
 - Sustainment of legacy infrastructure

To

- On-site and remote workforce**
 - Ubiquitous APIs available
 - Flexible, extensible integration
- Simplified development (days/wks)**
 - Real-time, event-driven architecture
 - Automation through Bots, AI
- Elastic capacity (utility grade)**
 - On-demand scalability
 - Automated provisioning / management
- Pay only for what is used**
 - Intelligent use of open source
 - Reduced costs for integration
 - Reduced costs through automation

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Realizing the Value of Transformation

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Alignment to HIPAA Security and audit controls by Pat Combes, Global Technical Leader for Healthcare and Life Sciences at AWS. #HIMSS18

Traduzir do inglês

Customer Responsibility
Security In the Cloud

Develop, validate, and secure applications based on due diligence and expert consultation

Alignment to HIPAA Security Rule

NIST 800-66 Moderate baseline controls

NIST 800-53 Moderate baseline + FedRAMP controls

HIPAA Security Rule (45 CFR Part 160 and Subparts A and C of Part 164)

NIST 800-66 An Introductory Resource Guide for Implementing the Health Insurance Portability and Accountability Act (HIPAA) Security Rule

NIST 800-53 Moderate baseline + FedRAMP controls

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AWS Partners on HIMSS

- Cornerstone
- Datica Health
- PotikDok
- Deloitte
- Cloudticity
- Practice Fusion
- Logic Works
- Tableau
- Splunk
- Nextgen Healthcare
- VMWare
- Cerner
- Orion Health
- Philips Health

More details about each partner can be found in our live tweets:

<https://twitter.com/search?q=%23HIMSS18%20AwsOnAir&src=typd>