

The logo for HIMSS 18, featuring the word "Himss" in white and "18" in blue, with a small trademark symbol. The background of the entire slide is a blurred image of a conference hall with people.

The leading health information and technology conference

WHERE **THE WORLD** CONNECTS FOR HEALTH

Conference & Exhibition | March 5–9, 2018
Las Vegas | Venetian – Palazzo – Sands Expo Center

Blockchain Reset: Seeing through the Hype and Starting Down the Path



David Houlding, MSc, CISSP, CIPP

Director of Healthcare Privacy and Security
Intel Health and Life Sciences
Session Moderator

- More than 24 years of experience in healthcare, blockchain, privacy, security, compliance, and artificial intelligence (AI).
- Leads Intel Health and Life Sciences blockchain initiatives worldwide.



Mike Jacobs

Senior Distinguished Engineer
Optum

- Blockchain Evangelist for UnitedHealth Group (UHG) and Optum.
 - Creates a corporate capability through education, assessment and guidance.
 - Participates in international standards for blockchain.
 - Represents UHG and Optum point of view at external events.



Ted Tanner

Co-founder and CTO
PokitDok

- *Previously held architect positions at both Apple and Microsoft and has held instrumental roles in several startups, including digidesign (IPO and acquired by Avid), Crystal River Engineering (acquired by Creative Labs), VP of R&D at MongoMusic (acquired by Microsoft) and Co-founder and CTO of BeliefNetworks (acquired by Benefitfocus). Was also the CTO of Spatializer Audio Labs (NASDAQ: SPAZ), a company specializing in digital signal processing solutions.*
- *Serves on the Clemson University Restoration Institute's Executive Advisory Board, the IAB for the University of South Carolina Computer Science Department, the IAB for the Center for Intelligent Systems and Machine Learning at the University of Tennessee, and Advisor to the College of Charleston's Department of Mathematics.*
- *Published numerous articles in leading technical magazines and holds several patents in the areas of blockchain, semantics, machine learning, signal processing and signal protection.*



Corey Todaro

Chief Product Officer
Hashed Health

- Hashed Health is leading a consortium of healthcare companies focused on accelerating meaningful innovation using blockchain and distributed ledger technologies.
- Mr. Todaro brings to Hashed Health a wealth of healthcare technology experience from a career with large, multi-state health systems.



Emily Vaughn

Blockchain Product Development Director Change Healthcare

- Oversees Change Healthcare blockchain development and integration strategy.
- Prior to joining Change Healthcare, assisted startups, small business, and enterprise companies with cryptocurrency and blockchain adoption. She worked across many markets, retail/ecommerce, healthcare, insurance, and finance.
- Served as the head of business development at Gem, a blockchain development company in Los Angeles. While there, she architected a global marketing initiative to segment the blockchain industry.
- A founding contributor to Distributed.com and Distributed: Health and the Hyperledger Healthcare Working Group.
- Holds a BA in French and International Relations from the University of Alabama, Honors College.



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Discussion Introduction

What is Blockchain?

- A digitized, decentralized, ledger of transactions.
- Transactions may include any kind of data including but not limited to cryptocurrencies and tokens.
- New transactions are placed in chronological order into new blocks and appended to the blockchain.
- Each node in the blockchain network has a copy of the ledger, and blockchain nodes work to ensure validity and consistency of the ledgers, communicating with either other via a consensus algorithm and protocol.

Healthcare Use Cases for Blockchain

- Blockchain vs. cryptocurrencies / tokens
- Beyond hype, driven by real value
- Existing B2B networks, for example: clearinghouses, HIE's, drug supply chains, provider credentialing, medical device track and trace, public health, etc
- A layered approach and roadmap to blockchain: silos, blockchain, smart contracts, cryptocurrencies, analytics / AI / machine learning (ML)



Key Factors for Blockchain Success

- Identity and Interoperability
- Privacy, Security, Compliance
- Performance, Throughput, and Scalability
- Integration
- Deployment



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Panel Discussion



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Audience Q&A



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