



GLOBAL CYBER SECURITY IN HEALTHCARE & PHARMA SUMMIT

Co-located with

BLOCKCHAIN IN HEALTHCARE CONGRESS

ADVANCING SECURITY, ADOPTION AND COLLABORATION
IN HEALTHCARE, PHARMA AND MEDICAL DEVICES

LONDON UK

11-12 July 2019



Supporters



#CybSecHealth

www.global-engage.com/event/cybsec-health-summit
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Following on from last year's successful meetings that brought together 150 attendees, Global Engage is pleased to announce **Global Cyber Security in Healthcare & Pharma Summit** co-located with **Blockchain in Healthcare Congress**. The meeting will take place on 11-12 July 2019 in London.

This two-day conference has a track dedicated to Cyber Security and another to Blockchain and will bring together high-level representatives from the healthcare, medical device and pharmaceutical sectors to create a collaborative rich environment in order to:

- Share case studies, lessons learnt and best practice techniques
- Analyse strategies and technologies for security management, incident monitoring, detection and response
- Accelerate collaboration and adoption whilst accessing the opportunities and challenges of Blockchain within multiple application areas
- Provide attendees with the ability to build and improve a comprehensive cybersecurity program

The number of cyber-attacks in healthcare is on the rise, and the industry must do more to prevent and respond to these incidents. The Summit will bring together high-level representatives from around the globe to create a cybersecurity roadmap for the future. Experts will examine the cybersecurity landscape in these health sectors, with a particular focus on strategies for protection and incident response, as well as on business/regulatory considerations. Central to the aims of this event is facilitating collaboration and cooperation amongst the diverse stakeholders that will be in attendance.

Blockchain is one of the most talked about new technologies that have the potential to revolutionise the healthcare industry, it is crucial to first understand the nature of blockchain technology, to distinguish the hype from the reality and then to see real-world case studies of how blockchain can be and is being, applied to healthcare systems.

PRE-CONFERENCE WORKSHOPS

On Wednesday July 10th we will be running pre-conference workshops. These are sponsored workshops and user meetings. Full details of these will be announced in the coming weeks however we would encourage you to sign up to these as soon as details are available as places are limited.

Pre-Conference Workshop

Sponsored by:



Wednesday July 10th 2019
8am-5pm

This Event is Free to Attend

CYBER SECURITY

Nature of the threat

- Examining the cyber security landscape
- Current challenges facing each system
 - Healthcare – interoperability; securing medical records; rising IT costs
 - Medical devices – system design; securing post-market devices; standards for manufacturers
 - Pharma – clinical trial data; IP; insider threats

Strategies & technologies for protection

- Security / vulnerability management
- Incident monitoring, detection, response
- Threat analysis & cyber intelligence capability improvement
- Novel strategies / technologies to pre-empt emerging threats
 - Blockchain, machine learning/ AI etc
 - Automation & autonomous response
 - Cloud security
- Forensics & security investigations
- Best practices in the sector
- Case studies and lessons learnt

Business & regulatory considerations

- Integrating security into corporate strategy and staff awareness
- Overcoming competency, budget and support issues
- GDPR & implications post-Brexit
- Role of insurance in covering cyber attacks
- Increasing cooperation and collaboration
- Building and then improving a comprehensive cybersecurity program

BLOCKCHAIN

Blockchain Technology, Opportunity & Challenges

- How will blockchain will affect healthcare
- Market overview, trends, hype, opportunities and challenges
- The most promising application areas for blockchain within healthcare?
- Blockchain technology and start-ups – where do you get started?
- Next generation DLTs
- Collaboration to accelerate adoption
- Case study examples of use

Drug Supply Chain & Traceability

- Tracking drugs through the supply chain
- Blockchain in drug discovery & development

Rethinking Clinical Trial Management

- Utilising patient-generated data through “wearables” and IoT devices
- Distributing patient consent and trial results
- Trial auditing and clinical safety analyses
- Accelerating research/Clinical data sharing

Applying Blockchain to Healthcare Systems

- Case studies from existing systems & trials
- Examining infrastructure, costs & scalability
- Nationwide interoperability
- Designing and executing smart contracts
- Incorporating commercial blockchain solutions
- Blockchain for healthcare records- EHR/EMR
- Medication prescription blockchain
- Public engagement

Security & Access

- Cybersecurity via Data Access Management
- Patient and provider identity
- Regulation and intellectual property
- Ownership and storage of data

2018 SPONSORS

2018 Sponsors



SPONSORSHIP AND EXHIBITION OPPORTUNITIES AVAILABLE

For more details contact Nick Best at nick@globalengage.co.uk or call +44 (0)1865 849841

CONFIRMED CYBSEC SPEAKERS



BOBBY FORD
CISO/DVP of Cybersecurity and Risk Management, Unilever



TONY CLARKE
Head of Information Security at ICON plc



EVA TĚLECKÁ
Director, IT Risk Management & Security, Merck Sharpe and Dohme



SCOTT NICHOLS
Director, Global Product Privacy and Cybersecurity, Beckman Coulter



LOTHAR GRAMELSPACHER
Cyber Security Expert



JUUSO LEINONEN
Senior Project Engineer, ECRI Institute



DENISE ANDERSON
President, H-ISAC



JOTHI DUGAR
CISO, NIH Center for Information Technology, Office of the Director, USA



CAROLINE RIVETT
Global Cyber Security Lead for Life Sciences, KPMG



IVAN SANCHEZ
CISO, Sanitas (part of Bupa)



STEFAN VAN GANSBEKE
CISO, CM-MC - Mutual health insurance, Belgium



JANNICK BALLEGEER
Senior Associate - Forensic Services, PricewaterhouseCoopers



HEATHER LEIGH FLANNERY
Health Circle Global Lead, ConsenSys; Co-Founder & Board Chair, BiHG, IEEE ISTO; Co-Chair, HIMSS Blockchain Task Force



MARTINE KERSAINT
Clinical Engineering Manager, Biomedical Clinical Engineering-I.S. The Hospital of the University of Pennsylvania



JÜRGEN FOCKE
Program Manager Production IT Security, Bayer Pharmaceuticals



STEVE JOHNSON
Information Security Manager, EMEA, Orion Health



SEAN MOSS-PULTZ
CEO & Founder, Bitmark



ROBIN SMITH
Cyber Security Lead, Link Scheme Ltd

CONFIRMED BLOCKCHAIN SPEAKERS



JIM NASR
VP Technology & innovation, Synchrogenix, a Certara Company



ADAMA IBRAHIM
Associate Director, Clinical Operations, Biogen UK



AXEL SCHUMACHER
Co-Founder & CSO, Shivom



BENOÎT MARCHAL
Senior IT Project Manager Specialized in Health IT, Roche



MEHDI BENCHOUFI
Chef de Clinique Assistant, Département d'Epidémiologie Clinique, Hôpital Hôtel Dieu, France



KIMMO HALUNEN
Senior Scientist, Cybersecurity, VTT Technical Research Centre of Finland Ltd & Adjunct Professor, University of Oulu



UNMESH LAL
Program Manager - Life Sciences, Transformational Health, Frost and Sullivan



NATALIE PANKOVA
Healthcare Lead, Government Blockchain Association UK



HEATHER LEIGH FLANNERY
Health Circle Global Lead, ConsenSys; Co-Founder & Board Chair, BiHG, IEEE ISTO; Co-Chair, HIMSS Blockchain Task Force



JAMES GANNON
Partner, Quality Accelerator



ANCA PETRE
Co-Founder & CEO, 23 Consulting



JAY BERGERON
Director, Translational Research Business Technologies, Pfizer



MANUELA MARIA SCHÖNER
Corporate Strategy & Consulting, Boehringer Ingelheim



PASI PIITULAINEN (Chair)
Former Head of Global Procurement, Actelion



STEFAN KENDZIERSKY
EBVP Head of EMEA/APAC, Impelsys Inc

08:00-08:50 Registration & Refreshments

CYBER SECURITY

BLOCKCHAIN IN HEALTHCARE

08:50-09:00

Global Engage Welcome Address and Track Chair's Opening Remarks:

08:50-09:00

Global Engage Welcome Address and Track Chair's Opening Remarks: **Pasi Piitulainen**, Former Head of Global Procurement, Actelion

KEYNOTE ADDRESS:

BOBBY FORD

CISO/DVP of Cybersecurity and Risk Management, Unilever
Title TBC

KEYNOTE ADDRESS:

JIM NASR

VP Technology & innovation, Synchrogenix, a Certara Company

Data Before Blockchain



09:00-09:40

Healthcare is burdened by complex and regulated interactions amongst a group of stakeholders providers, administrators, insurers, patients, pharmaceuticals and others that largely have their own interests, often disincentives to play well together and strongholds of complementary data...culminating in general distrust amongst the parties. Blockchain is not the silver bullet to solve these fundamental complexities or create universal trust. However, blockchain can support a more trust worthy, more patient centric and more transparent exchange of certain types of health data. To get that benefit though, we first need said data: patient-centric, desiloed, interoperable and real-time. How to get there is the story of this talk...lessons learned from large scale implementations of both real-time data and supporting blockchain technologies in healthcare.

09:00-09:40

TONY CLARKE

Head of Information Security at ICON plc
New adventures in Security Automation

This session will discuss real experience in security automation and will discuss:



- Complementing various types of automation.
- Experience with integrations, orchestration & response.
- The impact of automation through various lenses.

JAY BERGERON

Director, Translational Research Business Technologies, Pfizer

Simulating Patient Matching to Clinical Trials Using a Digital Rights Blockchain



09:40-10:10

Biomedical data processing typically requires the secure stepwise transfer of sensitive personal information across multiple parties. Mediating such operations using blockchains has been proposed. The Bitmark digital rights blockchain was used to design and simulate the process of assessing the suitability of individuals to enroll in specific clinical trials. The trial matching simulation demonstrated that blockchains can, in principle, implement complicated multiparty interactions, such as those associated with medical data exchange, without supplemental peer to peer communications. However, maintaining control and provenance of medical data, titled via blockchains, but exchanged separately from the blockchain, requires auxiliary applications. A virtual infrastructure environment, the Health Data Trust, that integrates blockchain and virtual controls is proposed as a model for individual health information management.

09:40-10:10

SEAN MOSS-PULTZ

CEO & Founder, Bitmark

How Property Rights for Health Data Accelerate Healthcare Research

Patients are open to helping medical research but they are greatly concerned about privacy and cannot risk any situation in which personal information can be used against them through data leaks or hacks. Because of this, many patients remain inaccessible to researchers. In creating the world's first diabetes data trust with Health2Sync, Asia's leading



diabetes management platform, Bitmark used its blockchain technology to give patients complete control (and confidence) over their personal privacy and data ownership through property rights. This trust provides a private, equitable way for individuals, researchers and companies to safely exchange even those most sensitive health data as Bitmark's technology allows data-science computations, including artificial intelligence and machine learning, to be run on the data within the trust while ensuring participant privacy.

10:10-10:40

10:40-11:50

Morning Refreshments / One-to-One Meetings

11:50-12:20



EVA TĚLECKÁ

Director, IT Risk Management & Security, Merck Sharpe and Dohme

Enterprise resiliency program

- MSD response to cyber incident.
- Program Structure
- Governance for successful resiliency program implementation across the enterprise.

12:20-12:50



SCOTT NICHOLS

Director, Global Product Privacy and Cybersecurity, Beckman Coulter

Product Security - How to Drive Cultural Change

- Drivers and pressures for creating a dedicated product privacy & security program.
- Multi-layered defense strategy and privacy
- Security by design implementation.

12:50-13:20



DENISE ANDERSON

President, H-ISAC

Paradigm Shift - Changing the Conversation

Technology is changing healthcare at a rapid pace. Innovation is driving positive patient experiences but also introduces risk as procedures, devices, data and processes are connected for efficiency and ease of use. Five to Six years ago we weren't placing cyber and healthcare in the same sentence but today the concept of cyber security in healthcare is more widely accepted. However industry is in need of a paradigm shift. Changing conversations and concepts from cyber security to enterprise risk management, forming collaborative communities across industry/ies to share/fight against threats and from CISO to business enabler. This session will discuss why to shift the dialogue and how to accomplish it.

11:50-12:20



ADAMA IBRAHIM

Associate Director, Clinical Operations, Biogen UK

Cross-Industry Collaboration Evaluating How Blockchain Can Transform the Pharmaceutical and Healthcare Industry, Part of Emerging Trends & Technology PhUSE

Describing the landscape in the pharma and healthcare settings, exploring the areas where Blockchain could be used and presenting two detailed use cases.

- Drug Supply Chain using Smart Contracts;
- Patient Data Access/Transparency) to support future development and implementation for an upcoming proof of concept.

12:20-12:50



AXEL SCHUMACHER

Co-Founder & CSO, Shivom

A blockchain platform for precision medicine data sharing

- Data Sharing
- Genomic Data
- Dynamic Patient Consent

12:50-13:20



BENOÎT MARCHAL

Senior IT Project Manager Specialized in Health IT, Roche

Blockchain to support Precision Medicine and empower patients

Presentation on the feasibility and benefits of creating a vendor/pharma independent, open source, Blockchain network to keep the real identity of the patients protected while allowing the possibility to:

- Ask the patients additional consent or data
- Link different anonymized datasets for more powerful advanced analytics;
- Empower the patients to choose which of their data can be used for what medical research;

13:20-14:20

Lunch

14:20-14:50

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14:20-14:50

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14:50-15:20

LOTHAR GRAMELSPACHER

Cyber Security Expert

Motivations, Patterns and Challenges to establish OT Security

Lothar will talk about lessons learned while setting up OT security. In a complex and regulated environment with product lifecycle time far longer than the lifecycle of software used within products, digitalisation requires a fundamental change of approach. He will talk about typical patterns and cultural differences that need to be faced and strategies to keep products long time secure.

14:50-15:20



MEHDI BENCHOUFI

Assistant Professor Centre d'Epidémiologie Clinique, APHP, Université Paris Descartes-Sorbonne Paris Cité

Blockchain, a path to clinical research reproducibility

Clinical research is aiming to produce the ground truth of any decision in healthcare but it is severely undermined by a low rate of reproducibility. This is here one of the greatest challenge of contemporary medicine. We will see how blockchain can improve dramatically the clinical studies transparency, traceability and hence quality. In the meantime, we will focus on how it is especially needed in the field of Artificial Intelligence, given the weight we can anticipate of machine learning based systems in healthcare and the potential of misconducts in this decisive area.

15:20-15:50



IVAN SANCHEZ

CISO, Sanitas (part of Bupa)

Topic: Strategies & technologies for protection

- Security / vulnerability management
- Incident monitoring, detection, response
- Threat analysis & cyber intelligence capability improvement

15:20-15:50



MANUELA MARIA SCHÖNER

Corporate Strategy & Consulting, Boehringer Ingelheim

Convergence of Blockchain and AI in the pharmaceutical industry

- Artificial intelligence and Blockchain are two technologies leading innovations in many industries
- Artificial intelligence and Blockchain can be seen as complementary technologies having implications beyond the individual scope of each technology
- What are examples/use cases of a confluence between AI and

15:20-15:50

Continued

15:20-15:50

Blockchain in the pharmaceutical industry? What are risks and opportunities? Who are leading players?

15:50-16:40

Afternoon Refreshments / One-to-One Meetings

16:40-17:10



JUUSO LEINONEN

Senior Project Engineer, ECRI Institute
Medical Device Cybersecurity - A Patient Safety Concern

ECRI Institute ranked cybersecurity as the top health technology hazard in 2019 with its proven ability to disrupt healthcare delivery operations.

During this session we will:

- Examine cybersecurity and its impact to patient safety
- Discuss through key challenges in managing medical device security from healthcare facility and medical device manufacturer perspectives.
- Outline a trend with increase in medical device security alerts and provide practical recommendations on how to address them.

SENIOR REPRESENTATIVE (Reserved)

NHS Digital
Cyber Security at the NHS

17:10-17:40

16:40-17:40

CROSS EVENT 60 MINUTE ROUNDTABLE DISCUSSIONS:

Roundtables are informal, small-group interactive discussions on key topics in the field. Discussion leaders will introduce sub-topics/questions for discussion and roundtable attendees are encouraged to participate actively in the session.



Table 1: The Role Of Blockchain in Precision Medicine: Challenges, Opportunities and Solutions

UNMESH LAL

Program Manager – Life Sciences, Transformational Health, Frost and Sullivan



Table 2: Driving implementation and adoption of blockchain technologies in healthcare

NATALIE PANKOVA

Healthcare Lead, Government Blockchain Association UK

- Emergence of novel business models
- Interactions with oracles and analytics
- Product and user focus



Table 3: Blockchain - TBC

HEATHER LEIGH FLANNERY

Health Circle Global Lead, ConsenSys; Co-Founder & Board Chair, BiHG, IEEE ISTO; Co-Chair, HIMSS Blockchain Task Force



Table 4: Cybersecurity as a public health issue / problem

KIMMO HALUNEN

Senior Scientist, Cybersecurity, VTT Technical Research Centre of Finland Ltd.



Table 5: A search for the ultimate digital risk reporting

STEFAN VAN GANSBEKE

CISO, CM-MC - Mutual health insurance, Belgium

- Why is it so difficult to create a business case for security initiatives?
- Let us explore and exchange good reporting and dashboarding examples that makes our cyber and digital risk management life easier.

17:40

Chair's Closing Remarks / End of Day One

17:40-18:40

Networking Drinks Reception

08:15-08:55

Refreshments / Networking Meetings

CYBER SECURITY

09:00-09:40



**KEYNOTE ADDRESS:
JOTHI DUGAR**

CISO, NIH Center for Information Technology,
Office of the Director, USA

**Operation Cyber Wellness - The Integrative
Medicine Approach to Cybersecurity**

- The Science of Diversity & Implicit Bias in Cyber
- The fine art of empowering young girls & women into the Cyber Workforce
- The Whole-istic Approach to Cybersecurity & Health
- Summary - Exploring how Pieces of the puzzle all fit together (Diversity, Women, Psychology, Cybersecurity, Healthcare)



CAROLINE RIVETT

Global Cyber Security Lead for Life Sciences,
KPMG

Consumer Genetic Testing: How Safe is it?
Consumer genetic testing is becoming increasingly popular with people trying to understand their ancestry and their history.

But how is this extremely personal data kept safe, and what implications does their DNA testing have for themselves and their families. This talk will review some of the tests available, and the privacy approaches for the companies involved.

09:40-10:10

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10:10-10:40

BLOCKCHAIN

09:00-09:40



**KEYNOTE ADDRESS:
HEATHER LEIGH FLANNERY**

Health Circle Global Lead, ConsenSys;
Co-Founder & Board Chair, BiHG, IEEE ISTO;
Co-Chair, HIMSS Blockchain Task Force
Protected Health Information (PHI) - TBC

09:40-10:10



UNMESH LAL

Program Manager – Life Sciences,
Transformational Health, Frost and Sullivan
**Blockchain in Healthcare - Differentiating the
Hype from Reality**

- Analyze the key trends and developments around blockchain technology capturing the essential building blocks for implementing a healthcare-focused blockchain ecosystem in the next 5–10 years.
- Discuss blockchain technology's most potential applications in some of the pressing needs of the healthcare industry such as health data interoperability, cybersecurity, insurance fraud management, clinical trials and drug supply chain provenance.
- Provide a global flavor around blockchain technology deployment and discuss current adoption trends across major healthcare-focused use cases such as the adoption timeline, growth opportunities, implementation challenges, government and commercial initiatives, select collaboration or deals, and the key companies and consortiums to watch.
- Provide strategic imperatives and recommended business models to foster healthcare-focused blockchain ecosystem partnerships for future implementation on a large scale across healthcare use cases.

10:10-10:40

SOLUTION PROVIDER PRESENTATION

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10:40-11:50

Morning Refreshments / One-to-One Meetings

50 MINUTE PANEL DISCUSSION:

Incident response in Healthcare

- Establishing best practice response
- Limiting damage
- Recovery
- Maintaining business continuity



CAROLINE RIVETT (Chair)

Global Cyber Security Lead for Life Sciences, KPMG



JOTHI DUGAR

CISO, NIH Center for Information Technology,
Office of the Director, USA



STEVE JOHNSON

Information Security Manager, EMEA, Orion Health

11:50-12:40

**CROSS EVENT 60 MINUTE
ROUNDTABLE DISCUSSIONS:**



**Table 1: From data to blockchain
JIM NASR**

VP Technology & innovation, Synchrogenix, a
Certara Company

This roundtable will focus on what it takes to create real-time, interoperable data exchanges in the healthcare space and where and how it makes sense for blockchain to be considered. The following considerations are likely to be discussed:

- Data ownership
- Legal and policy implications
- Process implications
- Technology options
- Real-life results (vs. theory)



**Table 2: Blockchain 2 - Blockchain and
Patient Centric Data Ownership
STEFAN KENDZIERSKY**

EBVP Head of EMEA/APAC, Impelsys Inc

The discussion focusses on providing data ownership to patients and how this may allow more seamless data interchange and sharing of information. It takes into consideration the privacy, transparency and security of patient data via authentication through

11:50-12:40

11:50-12:40

Continued

12:40-13:20



STEFAN VAN GANSBEKE

CISO, CM-MC - Mutual Health Insurance, Belgium

Reinforcing your company's digitalization by implementing an healthy effective security strategy

- Addressing emerging digital security risks in an agile, digitalizing and privacy aware environment
- Developing and implementing your digital security strategy into the DNA of your organization
- Creating transparency and trust towards the board

11:50-12:40

- blockchain, placing the patient at the centre of its control.
- Let's exchange views on:
 - Interoperability and data interchange
 - Patient centric data ownership
 - Smart wearable data
 - Blockchain's wider role
 - Global benefits from approved data usage from patients



Table 3: Medical Device Cybersecurity Program
MARTINE KERSAINT

Clinical Engineering Manager, Biomedical Clinical Engineering- I.S. The Hospital of the University of Pennsylvania

- Bringing Awareness and understanding between protection and availability. Although the CIA triad is composed of Confidentiality, Availability and Integrity. Primarily focusing on Confidentiality can significantly affect availability of medical devices. There must be a balance in the triad with primary focus on patient care in the center.
- Disruption in clinical care operations due to cyber security. Developing an effective business continuity plan for medical equipment can minimize and mitigate downtime to reduce affecting patient care.
- Importance of the preparedness and response to the functionality of a device. Create and train an internal clinical engineering response team with disaster recovery expertise to recognize appropriate interventions that can significantly minimize threats and exposure time.



Table 4: Cyber Awareness, you are as strong as your weakest link!
JANNICK BALLEGEER

Senior Associate - Forensic Services, PricewaterhouseCoopers

- User Awareness programs: a cost or benefit for your organization?
- What are the blackspots in current Security Awareness Programs?
- Security Awareness 2.0



Table 5: Organizing for the day our production gets attacked
JÜRGEN FOCKE

Program Manager Production IT Security, Bayer Pharmaceuticals

Organizing for the attack comprises preventive measures as well as corrective measures. Both topics need an organization that increases the security level for prevention but in case of an attack is capable to detect incidents, react on them and recovers production after serious impacts. Let's share thoughts and concepts how this can be achieved best.

- Prevent: Define concepts and processes, assign responsibilities and empower people. What is the right balance between security and operations?
- Detect: How to detect incidents quickly, reliably and react in an appropriate manner?
- Recover: Prepare information chain for the day product supply is endangered. Setup recovery concepts for a serious impact. How to recover and what to prepare?

Table 6: Topic of your choice

12:40-13:20



KIMMO HALUNEN

Senior Scientist, Cybersecurity, VTT Technical Research Centre of Finland Ltd & Adjunct Professor, University of Oulu

Possibilities of blockchain technology in the health sector - lessons and suggestions from Finnish perspective

- What kind of uses are there in the health sector for blockchains from government perspective?
- What use cases are not suitable for current blockchain technologies in the health sector
- Findings and suggestions for possible future endeavors

13:20-14:20

Lunch

14:20-14:50



HEATHER LEIGH FLANNERY
 Health Circle Global Lead, ConsenSys; Co-Founder & Board Chair, BiHG, IEEE ISTO; Co-Chair, HIMSS Blockchain Task Force
Preserving Privacy - TBC

14:50-15:20



ROBIN SMITH
 Cyber Security Lead, Link Scheme Ltd
Combatting Future Cloud Security Risks
 We live in an expanding digital universe. Each year zettabytes of data are added to global information asset holdings according to recent analysis by IDC, expanding the potential attack surface for highly organised cyber criminals. The digital universe increases in complexity continually, requiring cyber security practitioners to address a fundamental problem; how do we ensure this deluge of data is protected to the highest standards in the age of the mega-hack? The proliferation of data breaches during the last decade, including the 2017 Equifax breach which saw 144 million financial records extricated by highly motivated cyber criminals, highlights the limits of defensive cyber security.[i] It is evident that our current approach to cyber risk management, defending the organisation from individual risks one by one, is simply not adequate in the age of an expanding digital universe. This presentation addresses future cloud risk and how to combat emerging threats.

14:20-14:50



JAMES GANNON
 Partner, Quality Accelerator
Overcoming regulatory challenges in healthcare blockchains
 Given the ageing regulatory landscape, How can startups and large enterprises seek innovative approaches to building new capabilities within the healthcare market while adhering to the regulatory requirements set down upon them?

14:50-15:20



ANCA PETRE
 Co-Founder & CEO, 23 Consulting
The state of blockchain adoption in healthcare in Europe

- Overview of the adoption level of blockchain for different healthcare stakeholders;
- Key success factors and lessons learned from building blockchain projects;
- Remaining challenges and what to expect next?

15:20

Conference Close

