

Virtual Blockchain Application in the Public Sector

Enhancing data security by building better systems

Online | Wednesday, 10 February 2021

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Agenda Overview

Across the globe, the Fourth Industrial Revolution (also known as Industry 4.0 or 4R) has enabled governments to automate outdated, bureaucratic and centralised systems of operation. By leveraging a wealth of machine-to-machine technology (M2M) and the Internet of Things (IoT), the public sector has increased automation, improved communication and diagnosed technical issues without costly, time-consuming human intervention. In consideration of the tremendous progress made, how can the public sector continue to advance better systems of operation?

Many agencies are increasing efficiency by implementing blockchain technology into everyday work. A blockchain-based government has the potential to provide cybersecurity, drive process optimisation and securely store government, citizen and business data. Enhancing data security through blockchain application is the key to increasing trust in government and digital civil systems. Through blockchain application, citizens can entrust their most sensitive data to a range of digital services with confidence.

Public Sector Network's **Blockchain Application in the Public Sector** will showcase the benefits of leveraging blockchain application in government. By sharing methods of planning, designing and implementing blockchain technologies in various portfolios, public sector professionals can gain practical strategies to enhance the security of internal and external digital services. By building a blockchain-government, we can ensure digital civil service platforms manage citizen data responsibility and store it safely.

Speakers



STEVE VALLAS
Chief Executive Officer,
Blockchain Australia



PROFESSOR JASON POTTS
Director, RMIT Blockchain Innovation Hub,
RMIT University



AMANDA ROBINSON
Head of Social Innovation & Humanitech,
Australian Red Cross



DR SHERRY XU,
Senior Research Scientist, Architecture &
Analytics Platforms (AAP),
Data61 (CSIRO)



JUDY ANDERSON,
Government Relations and
Advocacy Lead,
AustCyber





NICK DAVIES,
Innovation Lead,
HM Revenue & Customs (UK)




CHERYL WONG,
A/g Director, Customs and Border
Modernisation Branch,
Australian Border Force (ABF)

Reasons to Attend

Realise the benefits of blockchain technologies in growing both internal and external operational efficiency in your agency 

Develop implementable strategies to utilise blockchain application in your unique government context 

Explore how blockchain application has optimised processes and enhanced data security across a range of government case studies 

Identify the in-house expertise required for successful blockchain application, and how you might up-skill your workforce to best support its implementation 

Leverage new and emerging technologies to best facilitate successful blockchain application 

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09:00am	PSN Opening	09:50am	Government Case Study: Utilising blockchain technology to develop trade solutions <ul style="list-style-type: none"> Leveraging emerging technology, such as digital verifiable credentials, as a pathway to paperless trading Developing the Intergovernmental Ledger (IGL) using blockchain technology as a solution Reviewing the trial with Singapore Government (Singapore Customs and Infocomm Media Development Authority) under the bilateral Australia-Singapore Digital Economy Agreement Cheryl Wong, A/g Director, Customs and Border Modernisation Branch, Australian Border Force (ABF)
09:10am	Chair Opening Realising the potential of blockchain application across the public sector <ul style="list-style-type: none"> Exploring the vast array of blockchain technology available to government Establishing a 'forward-thinking' approach by decentralising data to challenge inbuilt bureaucratic systems Rowan Dollar, Chief Innovation Officer, Public Sector Network	10:05am	Break
09:20am	Keynote Session Distributed systems and government administration - making the social contract smart <ul style="list-style-type: none"> Exploring how 'Alphabet Soup' (i.e. DLT, AI, IoT, CBDC, Smart Contracts) is the recipe for public sector innovation, and why government needs to be in charge of the kitchen Reviewing two practical cases from the UK, including The Utility Trade Platform and the SME Data Hub Bursting policy bubbles and identifying opportunities to leverage blockchain in the real ,smart, distributed world Nick Davies, Innovation Lead, HM Revenue & Customs (UK)	10:10am	Panel Discussion: Identifying how blockchain application can prevent the risk of fraud and data theft <ul style="list-style-type: none"> Addressing the information security challenges faced by government of all levels and sectors Discussing how blockchain application might be utilised in risk prevention and the strategic planning of digital service delivery Panel Facilitator: Rowan Dollar, Chief Innovation Officer, Public Sector Network Steve Vallas, Chief Executive Officer, Blockchain Australia Professor Jason Potts, Director, RMIT Blockchain Innovation Hub, RMIT University Amanda Robinson, Head of Social Innovation & Humanitech, Australian Red Cross Judy Anderson, Government Relations and Advocacy Lead, AustCyber
09:35am	Government Case Study: Exploring the Australian approach to blockchain adoption in the public sector <ul style="list-style-type: none"> Investigating the national drive for whole-of-government blockchain application, including government case studies such as Smart Money Providing an overview of the national blockchain research ecosystem, noting who does what and how to leverage such research practically Evaluating Data61's blockchain research and it's current and future impact Dr Sherry Xu, Senior Research Scientist, Architecture & Analytics Platforms (AAP), Data61 (CSIRO)	10:50am	End of Session

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