

UKAuthority

Data4Good

11 October 2019 | London

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Welcome to UKAuth

How can we use Data for Good in the public sector?

Thank you for joining us today at Data4Good to explore progress towards development of a National Data Strategy and how the public sector can harness data for the public good.

As the data collected by the public sector about people, places and sensors continues to grow at an exponential rate, how do we handle, manage and analyse this data to gain insight for improving peoples' lives, public services and efficiency? Following BA's recent £185m fine from the ICO after a data breach in 2018, how do we protect the organisation, sensitive data and safely share data when needed?

Our excellent line up of speakers will explore these questions and more, but if you have questions of your own for them please either fill in a question card and hand it to one of the team ahead of the Q&A sessions or use our online Mentimeter facility - throughout the day you can send us your questions and participate in live polls via your mobile phone, simply go to www.menti.com and use the code **83 26 90** to join in.

Our partners that have made today possible are Fujitsu, our Gold partner, and Sentinel Partners and Spinr - our SME partners. Please do take the time to say hello to them in the exhibition space during the breaks.

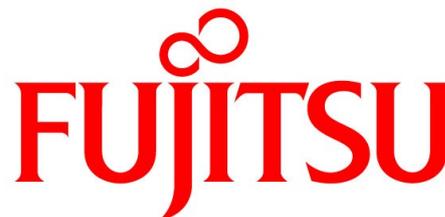
We hope you enjoy the day!

Our speaker organisations today



Priority Data4Good 2019

Gold Partner



Fujitsu is one of the top five information and communication technology providers in the world, with over 5 decades of experience delivering technology solutions around the globe.

For over 40 years, Fujitsu has been a trusted provider to the public sector through the delivery of nationally critical services. Our services touch 99% of the UK population each day and this expertise provides a deep insight to both address the challenges and maximise the opportunities to enable your transformation.

Trust is more critical than ever before, but clearly it is under pressure – and takes far longer to gain than it does to lose. At Fujitsu, we recently asked over 800 business leaders and 3,000 consumers how they feel about the pace and nature of change and their expectations for the future.

Find out what citizens thought in our research uk.fujitsu.com/trustedfuture

SME Partners



Sentinel Partners are Data/Systems Integration specialists supporting a wide range of public sector requirements. We provide software solutions which quickly and reliably bring information together from any sources of data that our clients and their partner agencies have access to. Using our flexible and configurable data rules, we work with our clients to provide the most complete and most trusted single view of the individual. We can then group individuals into the families, gangs, or any other associations types based on the requirements of our clients, and then profile all of this integrated data to provide target cohorts or alerts. Our technology allows our clients to pro-actively use all the data available to them in a controlled, consistent and fully integrated manner to understand so much more about the people and families they serve and identify those in most need of help. Our solutions are integrating NHS, Police, Housing and all types of Local Authority data across the country to support:

- Collaborative family support services (such as Troubled Families, Early Help and 360 Profiling)
- Safeguarding (MASH) teams
- Integrated Early Years services (such as Parent Portals, Education Funding Portals and Child Development & Assessment Portals)
- Tracking services (such as for school leavers to identify potential NEETs, missing children teams, or to monitor people in care)

If you need to make better use of the data available to you, or share it in more controlled and effective ways across your teams and your partner agencies, then please contact us. Contact: Graham McCusker, 0771 1784481 / 0800 6122116

SPINR is a super-fast, cloud-based, integration platform, providing real-time data and insight to any organisation. We make the process of integrating, transforming and sharing data simple, efficient and accessible to all. SPINR is the straightforward choice for organisations that hold data across systems and silos that would be more powerful if brought together.



Our vision is to enable the secure, trusted and frictionless movement of data to inspire radical innovation. We believe that putting the power of enterprise-grade integration into the hands of every ambitious organisation is like adding rocket fuel to your productivity. SPINR helps you build your own API-first approach to digital services so you can create a single view of your data, regardless of where it's stored. For more information, go to: www.spinr.io

	Registration & refreshments
10.00	Welcome & introduction: Helen Olsen Bedford, Publisher, UK Authority
	<p>Data and Information - related but not the same</p> <p>Dr Rob Wilson, Professor, Northumbria University</p> <p>'Information sharing' and 'data sharing' are used in different ways by government, and are taken to mean both the same and different things. This causes problems when the pressure to use the same language leads to reduction in meaning. Understanding that citizens are entangled in messy relationships is crucial for the sorts of horizontal co-ordination required to meet the complexity of the real (rather than imagined) needs of individuals, communities or businesses. To move forward we need to be able to treat 'data' and 'information' differently but also recognise the relationship between them, as this is at the root of the conceptual issues that continue to confound the debates in this area.</p>
	<p>Simplify IG</p> <p>Dawn Monaghan, Head of IG Policy, NHSX</p> <p>The Information Governance (IG) landscape across health and care is a complex one. Over many decades we have striven to provide guidance to assist in understanding the legal obligations and interfaces to ensure compliance, but are we concentrating on the wrong thing? Should we be focusing on how we could remove some of the complexities and if so what might those be?</p>
	<p>The National Data Strategy and 2030 Vision</p> <p>Gaia Marcus, Head of National Data Strategy, Department for Digital, Culture, Media and Sport</p> <p>The National Data Strategy (NDS) team has completed phase 1 of its two-phase public consultation, with a call for evidence and round tables conducted in summer 2019. We're now co-creating a 2030 Vision of what the future UK data landscape could look like and what effect digital innovation will have on the public and private sector. This session will detail the NDS' engagement and findings so far. As the NDS moves towards formal public consultation, Gaia is interested in hearing your views on our 2030 Vision for data in the UK, and how it can support Data for Good in the public sector.</p>
	Q&A
11.15	Break
11.35	<p>Challenges in using data across government</p> <p>Sian Jones, Director, Value for Money, National Audit Office</p> <p>The high level findings from the NAO report show the current data landscape across government; how government needs a clear plan and leadership to improve its use of data; the quality, standards and systems needed to use data effectively; and wider conditions and enablers for success.</p>
	<p>Driving a Trusted Future - Putting citizens in control of their own data</p> <p>Patrick Stephenson, Client Managing Director – UK Central Government, Fujitsu and Louise Cooper, Head of Digital and Causeway, Department of Justice Northern Ireland</p> <p>Against the global backdrop of geopolitical uncertainty, populism and growing mistrust in government, 'digital' is becoming a basic human right. It's not just Gen Y 'millennials' or Gen Z that are impacted; transformation is making a new generation out of all of us and opening up a better relationship with citizens and business. But transformation of public services implies more than the traditional view of putting services online through a web interface. Citizens after all are not the same as customers. Transforming government services means reimagining the whole end-to-end process, anticipating citizens needs proactively, even pre-empting and automating citizen life events, whilst protecting and sharing data securely. We believe the answer to driving a trusted future is to put citizens in control of their own data. This session will include how the Department for Justice Northern Ireland are using data for good.</p>

	<p>How to master your data: the Liverpool Evolution</p> <p>John Bowers, Liverpool Families Programme Data and Information Manager, Liverpool City Council and Graham McCusker, Director, Sentinel Partners Limited</p> <p>Liverpool has revolutionised its use of troubled families data by developing an integrated data management system and data warehouse. The session will discuss the requirement to use big data to obtain a full picture of residents' lives in the city and how they can be improved using intelligence-led strategic decision making. It will also cover how Liverpool did this and how data will change the future of the programme and wider work within the city council and with partners.</p>
	<p>Sharing Data to Save Lives</p> <p>Jason Patrick, Strategy Manager for the Research, Data & Performance Team, South Yorkshire Fire & Rescue Service (SYFR) and Carlos Oliveira, Founder & CEO, SPINR</p> <p>Between 2011 and 2017, 53 people died in house fires in South Yorkshire. Many of those who died (61%) were people aged 50, and half of those who died lived on their own. SYFR sends fire crews daily to conduct home visits as part of the Safe and Well Partnership Scheme, which attempts to proactively support vulnerable citizens by carrying out fire risk assessments, providing education and fitting new fire alarms to properties. The information about where vulnerable citizens live however, is usually held by another agency, such as the local authority, social housing provider or health partner. SYFR and Barnsley MBC are using the SPINR data integration service to break down the organisational silos that stop them from sharing vulnerable citizen data.</p>
	<p>Q&A</p>
13.30	<p>Lunch</p>
14.10	<p>Vision for the Future</p> <p>Neill Crump, Chief Digital Officer, Worcestershire County Council</p> <p>A vision for the future based on what we have learnt so far. Neill will share the progress made by the Worcester Office for Data Analytics - created to join up local public sector services through sharing data to improve citizens experiences.</p>
	<p>Digital Trialling Framework: monitoring policy trials in near-real time for timely data driven decisions</p> <p>Tetyana Mykhaylyk, Head of Sheffield Data Science Hub, DWP Digital</p> <p>The way we deliver and monitor services needs to adapt to reflect changing citizen experiences, fiscal constraint and increasing demand. The presence of Universal Credit and RTI now brings a whole footprint of digital events which are more granular and extensive than anything previously available. This presentation will show how we monitor one of the Universal Credit trials in different, modern, near-real time ways to gather evidence of the effectiveness of reducing the frequency of face-to-face contact and replacing it, where appropriate, with digital interventions.</p>
	<p>NHS Digital Data Processing Services - Transforming the way we work with data to improve health and care</p> <p>Graham Spearing, Data Services Alliance Product Leader, Digital Delivery Centre, NHS Digital</p> <p>This session will introduce the NHS Digital Data Processing Service, outline the development progress, and opportunities for the future.</p>
	<p>Q&A and floor debate</p>
	<p>Tea, cake and networking</p>
16.00	<p>Close</p>



Carlos Oliveira, Founder & CEO, Spinr: As the founder and CEO of SPINR, Carlos is an advocate of a service oriented architecture approach based around the use of APIs, which he believes are essential for true transformation. He is also Chair of the techUK Local Public Services Committee, that aims to improve the engagement between the public sector and the IT industry. **@SPINRcloud**



Dawn Monaghan, Head of IG Policy, NHSX: Dawn joined NHS England in 2016, after spending 14 years at the Information Commissioner's Office in senior policy roles dealing mainly with IG issues in the public sector. Her team has now moved into NHSX, where its aim is to drive the appropriate use of information by ensuring that public expectations are developed and met and that professionals understand how to use information in a sensible and secure manner. The simplification of process and practical application of the law to enable information sharing is her ultimate goal. **@NHSX**



Gaia Marcus, Head of National Data Strategy, Department for Digital, Culture, Media and Sport: Gaia aims to translate ambitious vision into sustainable delivery, using user-centred, data-driven and digitally-enabled approaches. Past projects include Centrepoint Helpline, the first national advice service for young people experiencing or at risk of homelessness, and the UK's first youth homelessness open data source – yhatabank.com. At Parkinson's UK, Gaia delivered a roadmap for better delivering Parkinson's UK key aims, a cure and better services, whilst improving its data maturity, skills and culture. **@DCMS**



Graham McCusker, Director, Sentinel Partners Limited: Graham became a founding director of Sentinel Partners in 2011 to bring his knowledge and expertise to help public sector services. The aim of everyone at Sentinel is to bring the latest agile technology and in-depth expertise to enable organisations make the most from their data. By giving front-line teams everything they need to know at their fingertips, Sentinel are helping them to work more effectively to identify and protect the most vulnerable people in society. **@sentinelpartner**



Graham Spearing, Data Services Alliance Product Leader, Digital Delivery Centre, NHS Digital: Graham has nearly 30 years' experience in the NHS, from front-line roles to the development and management of information management systems, and subsequently the implementation of national IT projects. As Head of Programme for NHS Digital's 'Secondary Uses Service', processing patient-based summary data of hospital activity, he led the in-house implementation of a full replacement service. Graham now delivers national healthcare data to support planning, commissioning and research. **@NHSDigital**



Helen Olsen Bedford, Publisher, UKAuthority - Host: UKAuthority founder, Helen Olsen Bedford, has more than 20 years' experience as a journalist and thought leader on public sector technology. From September 2013 to March 2016, as part of a contract won by UKAuthority in open tender, Helen acted as Head of Communications for MHCLG's Local Digital Programme, managing the communications and engagement campaign to promote digital transformation across local services. **@UKAuthority @helenolsen**



Jason Patrick, Strategy Manager for the Research, Data & Performance Team, South Yorkshire Fire & Rescue Service: Jason has experience of data and analytics from the big Pharma industry. Combining his knowledge of big data and streamlining processes, Jason has led his team towards a more logical, frictionless approach to data collection and reporting. Jason and his team are currently employing smarter ways of working to combine data from local authorities and partners, to increase the accuracy of South Yorkshire Fire and Rescue's prevention services to the most vulnerable within the community. **@SYFR**



John Bowers, Liverpool Families Programme Data and Information Manager, Liverpool City Council: John is responsible for monitoring outcomes and analysing complex families using datasets from a number of different sources through the development of the Families Programme ICT solution; Sentinel. His interests include understanding the impact ACE's play on childhood vulnerability, reducing risk of child exploitation through data analytics and the development of predictive tools. He is chair of the National Core Cities Troubled Families Analyst Group who link closely with government departments. [@lpoolcouncil](#)



Louise Cooper, Head of Digital and Causeway, Department of Justice Northern Ireland: The Department for Justice NI has a range of powers relating to devolved policing, and is responsible for the resourcing, legislative and policy framework of the justice system in Northern Ireland. Louise leads the Digital and Causeway team, which among other duties, supports the information sharing between the five main criminal justice organisations in Northern Ireland. [@Justice_NI](#)



Neill Crump, Chief Digital Officer, Worcestershire County Council: Neill was head of digital transformation and customer services at Worcestershire County Council where he delivered their world class digital council aspirations by transforming culture, processes, and systems to support Worcestershire citizens, businesses, partners and employees. In the private sector, Neill has delivered global and European digital and data consulting assignments at firms such as Vodafone, Sony, Diageo, Unilever and Danone. [@worcscc](#)



Patrick Stephenson, Client Managing Director – UK Central Government, Fujitsu: Throughout his career Patrick has focused on how digital technology can be a force for good. He is recognised as a digital innovator and trusted advisor in digital transformation. He is a member of techUK's Public Sector Board and Central Government Committee and was recently appointed by the DWP as the tech sector disability champion with a mission enabled by technology to empower people with disabilities and improve access to employment and services. [@FJ_PublicSector](#)



Dr Rob Wilson, Professor, Northumbria University: Rob is an academic with interests in the digital economy and public service reform. His work is based in three overlapping contexts - the integration and information aspects of public services (in particular contexts of health and social care - including children, older people and families); the challenges of data, information and measurement in local governance (the NHS, VCS/third sector and local government) and the relationship of information and information systems to organisational change in government. [@NorthumbriaUni](#)



Sian Jones, Director, Value for Money, National Audit Office: Sian joined the NAO in 2004, following a number of years leading large scale monitoring and evaluation projects in criminal justice environments. During her time at the NAO she has worked with a range of clients, including DWP, Defra, DfE and BEIS, as well as UN bodies including UNHCR and UNODC. She is currently responsible for the NAO's value for money work at the centre of government, including Cabinet Office and HMT. [@NAOorguk](#)



Tetyana Mykhaylyk, Head of Sheffield Data Science Hub, DWP Digital: Tetyana joined DWP 12 years ago as an operational researcher and moved into data science three years ago. Before becoming a civil servant, she enjoyed life in academia, carrying out cutting edge research in nanoscience and nanotechnology. [@DWPDigital](#)

UKAuthority

Technology, digital & data for the public good

We promote, facilitate and provide news and information regarding developments in policy and the use of technology, digital and data by local and central government, fire, police, health, housing, third and further education sectors for the improvement of public service delivery, efficiency and the public good.

Bots4Good 2019

22 November 2019

Artificial Intelligence, Robotic Process Automation, Machine Learning and interactive Bots are becoming more commonplace in a public sector still suffering the effects of austerity. How can we harness this power for the public good? Where do the ethical boundaries lie? And is this just the start of an augmented future for the public sector?



Cyber4Good 2019

5 December 2019

Advances in the internet of things, big data and artificial intelligence are creating immense potential for better public services; but this comes with new risks, especially with the growing array of internet connected devices and new sources of data. Cyber attackers can find new weak points and vulnerabilities, posing a serious threat to the data integrity and operational capabilities of public authorities. How can we protect and defend the public sector?



Meet the event team:



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