

# Defence Information '17 Event: 26 & 27 April 2017

## “Delivering in a Changing World”

Jointly presented by UKCeB, MOD & Cranfield University

at the Defence Academy of the United Kingdom Shrivenham, SN6 8LA

Defence Information 2017 is the major annual communications event for the Joint Information Group (JIG) that reports to the Defence Suppliers Forum. DI'17 is where MOD and Industry to get together for a purposeful, informative and relaxed Team Defence Event around information and support matters.

## Presentations & panels: leading defence figures



## 20 Workshops

Innovation Skype for Business,  
Export Controls Digital/New Skills,  
Evergreen IT Data Management  
Wi-Fi on Base Hybrid Networks  
ISS Services to Industry BWIMS  
Digital Ecosystem Management  
Collaborative Skills Data Quality  
Big Data/Simulation Cyber Doing  
more with Less MOD Budget ...

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## DI'17 Presentations, Speakers and Panels

**Steve Latchem, UK Ministry of Defence, Head Steve Latchem, MOD ISS Head of Architecture | Defence as a Platform – Architecture and Principles** In this presentation, Steve will describe



MOD's ongoing journey from stove-piped solutions and capabilities to a Design-led Services Architecture; Defence as a Platform. He will describe the principles, the architectural guidelines, (the commandments), the transformation that is taking place to enable this, and the main programmes of work that are delivering these services."

**Nigel Whitehead - BAE Systems Group Managing Director**

**Programmes and Support - and Chairman UKCeB | Delivering in a**

**Changing World** As the Defence Suppliers Forum Executive Group Chairman with the lead for Information, Cyber Security and Skills and also UKCeB Chairman, Nigel is highly supportive of UKCeB activities in secure information sharing across Team Defence. He brings deep knowledge and experience to provide an Industry perspective.



**Major General Angus Fay, Assistant Chief of Defence Staff for Logistics Operations**

**MOD** In his current role, which commenced in November 2014, Maj Gen Fay is a supporter of joint MOD/Industry working including the UKCeB activities in the Defence & Industry Support Chain Optimisation Group (DISCOG).

**Andrew Tyler - Chief Executive Europe, Northrop Grumman | An**

**Industry Viewpoint** Andrew's current role includes responsibility for a portfolio comprising F-35, NATO's High Altitude Long Endurance aircraft (NATO AGS), UK's Sentry AWACS programme, a major UK Government cyber programme and numerous other programmes across land, air and maritime domains. An earlier career role was Chief Operating Officer at Defence Equipment & Support (DE&S) in the MOD.



**Toby Mills, Managing Director, Rotary and Mission Systems, Lockheed Martin UK |**

**Doing more with less MOD budget in the modern era** Given the recent significant budget cut announcements, the MOD needs to find ways of saving money whilst still maintaining operational effectiveness against a diverse range of global threats. This is particularly pertinent given the increasing capability and greater complexity of modern equipment. Exploiting sound experience of supporting customers globally, this session

will cover technological and process innovations that could deliver the required operational effect within the new constrained budgets.

**Graham Curtis, JIG Co-Chair and Director - Information Management & Technology - UK - Platform and Support, BAE Systems | The Work of the Joint**

**Information Group (JIG)** The UKCeB facilitates the Joint Information Group comprising MOD and Industry representatives and co-Chaired by Martin Elliot (MOD) and Graham Curtis (Industry). The JIG is a Sub-Group of the Defence Suppliers Forum, reporting to its Executive Group



**Ian Henderson, MOD Head of Information Professions and Ian Sinclair, Principal Business Consultant at Civica | Delivering the Skills required**

**in a Changing World – a perspective from Defence and Industry** How is Team Defence positioning itself to address recognised Digital and Technology skill gaps? It is widely known that organisations need to support and champion early digital careers, but what does this mean for the 'wholeforce' approach and wider capability development?

The presenters will share thoughts on what they believe the skill challenges and opportunities to be. *NB: There is a Workshop on this topic.*

**Angus Ward, Partner, BearingPoint UK and John Gillam, CTO for Cloud Services, BT Global Services | Digital Ecosystem Management (DEM)**

Digital Ecosystem Management is about leaner and more agile digital business models that transform traditional, static linear value chains into more 'plug and play' value networks. Angus leads on services for the open digital economy and platform-centred business models at BearingPoint. *NB: there is a workshop on this topic*



**Richard Cross, CDIO, Atkins | ICT Evergreening** Since joining Atkins in 2014 as CDIO, Richard has been implementing a "digital by default" strategy by 2020, recognising that cloud, big data, social media, consumerisation and digital engineering, will have a fundamental impact on the company and its clients.

**Damian Clayton-Bull – Head of Capability, Babcock Analytic Solutions and Steve Pascoe, Babcock International Group | Smart Support and use of Disruptive Technology** Research has highlighted opportunities for significant business benefits In-Service Support from use of disruptive technologies under Smart Support, including: improved access and exploitation of information by front line staff; better feedback from the front line to aid Design Authority and Technical Authority decision making; more effective fault resolution and diagnostics, using digitally enabled equipment and sensors; and, ability to deploy mobile applications and workflow automation, both shore side and within platform environments. An update on recent developments and planned roadmaps.



**Jamie Cole, IBM Lead for Cognitive Solutions, IBM Europe | How cognitive technologies such as IBM Watson are transforming businesses** Jamie is passionate in helping organisations fully exploit the potential of analytics through the scope, design and deployment of global complex applications. Many of these applications are within the finance functions and corporate headquarters of industrial clients where he has been involved in systems to perform consolidation, planning and budgeting, balanced scorecards (including key performance indicators) specifically data warehouse applications.



**Kevin Parker, VP Solutions Marketing, Micro Focus | Digital Transformation – Fad or Future?** The organization demands the app be IoT, Cloud and Mobile ready. Sensors are generating overwhelming data volumes. Data mining reveals new opportunities and new threats. Cyber is an active battlespace. Yet we still rely upon billions of lines of code written in a time when none of this was imaginable.

Whatever the hype, Digital Transformation is a senior staff conversation. Every response to every issue starts with technology. The enterprise architect wants micro-services. Operations wants the securest platforms. The tax-payers want value they can touch, feel and verify. The Minister wants continuity, confidentiality and confidence in the data. Deployed resources want instant analysis and reliable predictions.

How we build, operate and secure our information technology is changing; our adversaries are fast evolving too. Technology half-life is declining fast and the newest system is quickly obsolete. Kevin will talk about the ten strategies for digital transformation that innovate faster and reduce risk.



**Jim Conway, IT Enterprise Architecture, Boeing | Delivering in a changing world – an architectural approach**

**John Sharp, TFD, Paul Hudson, Fujitsu and Neil Rae, Boeing Defence UK | Removing Human Interfaces from the Supply Chain**



**Derek Shaw, Ministry of Defence Weapons Operating Centre (WOC)  
Lead for UK MOD | Delivering a Digital Transformation in a Changing World**

## DI'17 App – Interactive Event information at your fingertips



The DI'17 App will provide you with comprehensive, up-to-date information about the Event including the programme schedule, biographies, Sponsor, Exhibitor & Workshop content, UKCeB Excellence Award finalists' submissions, site plans, maps and more. The App has interactive features such as notifications, polls and private messaging to benefit attendees.

The App comes in mobile phone format (Android & iOS) format and content replicates onto a dedicated website for browser access on laptops & other mobile devices. Delegates can download the DI'17 App on Event registration. Content updates happen seamlessly.

## Workshops - Parallel Sessions at DI'17

Delegates have a great choice of informative Workshops Sessions clustered into several sets of parallel streams. Get insights on a wide range of topics including current Joint Information Group (JIG) Projects.

**Workshop 1 (26 April) - 21st Century User Experience Whilst Remaining Secure** - *This Workshop will discuss alternative approaches of how to achieve a modern 21st Century User Experience across multiple end-user devices, whilst maintaining the level of security required by the MOD.* **Simon Wiseman** (Deep-Secure) and **Danny Wootton**, (MOD ISS Innovation Strategy), Colin Nash (Deep-Secure)

**Workshop 2 (26 April) – Skype for Business (JIG Project)** - *The MOD's MOD<sup>NET</sup> programme has invested in providing a Microsoft Office 365 environment in the MOD. This provides new opportunities for secure collaboration across MOD and Industry, but comes with technical challenges and the need to adopt new ways of working. This workshop will brief the participants on the work and lessons identified that MOD and BAE Systems are doing to exploit Skype for Business between the two organisations and will seek to broaden the discussion to understand any potential opportunities and issues this may bring to MOD-Industry collaborations.* **Dave Hawken**, (MOD ISS Strategy) and **Richard Skedd** (BAE Systems, Strategy Manager - Office of the CIO)

**Workshop 3 (26 April) – Evergreen ICT (JIG Project)**

**Workshop 4 (26 April) – Data Quality (JIG Project)**

**Workshop 5** (26 April) – **BWIMS – A UK MOD Integrated Supply Management Service Platform for Base Inventory and Warehouse Management, Air Domain, Ramanujam Amruthur and Chris Turner**, Programme Managers Boeing Defence UK

**Workshop 6** (26 April) – **Digital Ecosystem Management** *This workshop topic is about leaner and more agile digital business models that transform traditional, static linear value chains into more 'plug and play' value networks.* **Angus Ward**, Partner at BearingPoint UK and **John Gillam**, CTO for Cloud Services at BT Global Services

**Workshop 7** (27 April) - **Export Controls/WATERGUARD**, **Mark Jones**, MOD and **Andy Dunn**, Babcock International Group (JIG Project)

**Workshop 8** (27 April) - **Big Data Technologies May Impact Modelling and Simulation in Defence Environments**, **Ollie Houseman**, SVGC

**Workshop 9** (27 April) - **Delivering a Digital and Technology Skills Coalition Across the Defence Enterprise** (JIG Project), *Linked to a keynote on Skills, this session explores this question. Join us and help shape the organisation that will aim to collectively invest in Digital and Technology capability and work towards a vision of growing and raising skill levels in this area.* **Gill Halliday** (MOD Information Professions Team, Assistant Head Professionalisation & Development), **Ian Sinclair** (Principal Business Consultant, Civica), **Ross Harris** (Cranfield University) and **Tony Butler** (UKCeB)

**Workshop 10** (27 April) - **Assessing Data Management Capability**. *This workshop will introduce the audience to a self-assessment questionnaire for identifying key features of the data management capability of organisations. This questionnaire take account of the context of the international standard ISO 8000 data quality – and incorporates experience from Network Rail, the Ministry of Defence and across different departments within Babcock.*

*Attendees will be guided through performing an on-the-spot assessment on their own organisation, determining relative strengths and weaknesses of their capability as well as creating an action plan. Those attendees who bring a smart phone, tablet or laptop will be able to perform this assessment online on the day; however, you may wish to complete the questionnaire beforehand via this link <https://dmq.babcock-analytics.com/>. The Babcock team will then facilitate a discussion to explore the results and provide comparisons with the results from over fifteen different organisations that have previously used the questionnaire.* **Dr Tim King**, Principal Consultant IKM, Babcock Analytic Solutions & **Dr Demetrius Onoufriou**, Principal Consultant, Babcock Analytic Solutions

**Workshop 11** (27 April) - **Exchanging Complex Information Between Different Stakeholder Groups & Tools** *This workshop will delve into the use of appropriate enterprise tools and applications for different stakeholder groups within an organisation. This will highlight the importance and best practices of being able to exchange information between those different tools to meet ever-changing operational and regulatory requirements.* **Ben Beeching**, MEGA International

**Workshop 12** (27 April) - **Design Thinking for Digital**, **Richard Butlin**, IBM

**Workshop 13** (27 April) - **Innovation Challenge** *This workshop will explore a specific innovation challenge currently faced by MOD in the information space and how industry partners can help MOD solve that challenge. Come along if you would like to understand the challenge and ask any questions. Interested*

*parties can then respond with ideas up to four weeks after the event.* **Danny Wootton**, MOD ISS Innovation Strategy

**Workshop 14 (27 April) – MOD ISS Services to Industry Customers: Improved Engagement (JIG Project)** *MOD provides a range of ICT services to Industry through its Information Systems and Services (ISS) organisation and these are vital to Industry delivering its contracts. Industry is an 'Indirect Customer' in MOD ISS terms. This workshop summarises the outcomes to date of a JIG-sponsored project designed to produce an Initial Operating Capability, suited to continuous self-improvement, that will deliver initial benefits from the successful engagement of MOD and Industry around MOD-provided ICT services. Benefits include: improved requirements and better solutions, reduced business continuity risk, increased productivity, greater end-user satisfaction and reduced cost. The workshop will seek some feedback on the current Industry Guides such as those for Email, Service Catalogue and Industry Gateway Services.*

**Graeme Shorter** (MOD ISS Customer Services) **Richard Skedd** (BAE Systems, Strategy Manager - Office of the CIO) – co-leads for the work and **Carl Billson**, UKCeB – facilitator)

**Workshop 15 (27 April) – Exploiting Wi-Fi on base (JIG Project)**

**Workshop 16 (27 April) – Youth Workshop, Alex Roberts, Camcode**

**Workshop 17 (27 April) – Can We Sustain a Digital World?** *Sustainable ICT is a hot topic, rapidly rising up the agenda of all organisations and an area of ICT systems development that cannot be ignored. Demands for increased performance and exploitation of technologies, such as cloud computing, can come with increased energy use and associated cost. This cost is not only financial but also environmental, and corporate and governmental attention is focused on managing and reducing these costs by adopting sustainable business practices. ICT projects within all Central Government Departments have to follow mandated guidelines on Sustainable Development in order to demonstrate commitments to reduce overall carbon footprint and use of resources. The DI17 Workshop on Sustainable ICT will explore this important topic, discussing the various enabling opportunities available within Defence ICT.* **Adam Turner**, MOD ISS Strategy

**Workshop 18 (27 April) – Hybrid Networks – The future here today** *In a hybrid world where networks, data centres, applications, services and remote locations are in a constant state of change, learn about how to enable and simplify the process of making the best use of the hybrid ecosystem - including legacy systems - while enabling a quick and simple path to software defining these services to provide maximum agility, fast deployment, simplified operations and deep visibility.* **Joe Bombagi**, Riverbed Technology

**Workshop 19 (27 April) – Information Technology and its Role in Export Compliance, Graham Curtis, BAE Systems**

**Workshop 20 (27 April) – Collaborative Skills: Boeing Case Study with Institute of Collaborative Working on ISO 43001 standard** Boeing Defence UK and Institute of Collaborative Working

**Workshop 21 (27 April) – The Cyber Challenge in a Changing World** *An interactive workshop simulating a Cyber Vulnerability Investigation (CVI) project from requirement through to conclusion, identifying the challenges and opportunities for both industry and Defence. The objective is two-fold: 1. improve understanding of the enterprise complexity of Defence cyber vulnerabilities; and, 2. improve understanding of the need for cross-industry collaboration and transparency to mitigate UK defence operational risk.* ATKINS

## UKCeB Managing Director Phil Williams on DI'17

UKCeB Managing Director Phil Williams looks forward to welcoming new delegates and participants as well as those he has known over his years of involvement in defence, initially through his service in the

RAF and latterly working in the defence sector and now as MD at UKCeB. Phil is delighted to have the support of an experienced DI'17 planning team, led by Steve Shepherd.



Phil comments, *“Defence Information is our major annual communications Event and its informative content spans both Information and Support aspects of Team Defence. Our venue at the Defence Academy is readily accessible with good accommodation nearby. It’s an Event that is both purposeful and informal, providing excellent networking opportunities, keynotes, workshops and informed*

*insights. ‘Delivering in a Changing World’ is a timely theme and I encourage you all to participate – whether as delegates, sponsors or exhibitors.”*

## Enter the UKCeB Excellence Award 2017

Finalists gain a free place at DI'17 with exhibition stand in Good Practice Market Place

We invite entries to the UKCeB Excellence Award 2017 – please download the Entry Form from the UKCeB website – <https://secure.ukceb.net/filerequest.php?id=1005319> and submit before 28 February 2017.

Each year at the Defence Information Event, the UKCeB and the MOD hold the UKCeB Good Practice Market Place and Excellence Awards to recognise, celebrate and share successful collaboration practices in Team Defence. Entries highlight improvements in business processes that reflect a blend of contributions from innovative application of enabling technologies, well-developed processes, human factors and culture change. In addition, DI'17 offers the opportunity to promote sharing of ideas and experiences among delegates through discussion with finalists at their stands in the Good Practice Market Place.



### Benefits of participation in the UKCeB Excellence Award & Good Practice Market Place:

- Widespread publicity and peer/industry recognition for innovation and good practices
- Free stand in the Good Practice Market Place plus 2 free DI'17 attendee places for Finalists – this premier annual event attracts approximately 300 attendees from both MOD & Industry
- Networking and shared learning opportunities at DI'17
- Share your experiences with a wider defence audience to gain diverse and constructive feedback

While visiting stands in the Market Place, DI'17 delegates will also have a chance to choose their preferred submission via the DI'17 App. These preferences will be taken into consideration by an independent panel of judges. The judges will visit the finalists' stands as part of the process for selecting their top submissions; the judges' decision will be binding.

Announcements and presentations will be made later in the afternoon of 27<sup>th</sup> April. The awards include Highly Commended and Commended certificates as well as the overall winner of the UKCeB Excellence Award.

Read about the 2016 Award at

<https://secure.ukceb.net/filerequest.php?id=1005013>. Previous years' submissions are available for UKCeB members under the Key Word UKCeB Excellence Awards & Good Practice Market Place at <https://secure.ukceb.net/keyword.php?keyword=1000128>



DI'16 Excellence Award  
Winner's Presentation

## Raise Your Profile: Be A Sponsor and/or Exhibitor at DI'17

Suppliers to defence – regardless of whether you are a current UKCeB members - are invited to become a Sponsor &/or Exhibitor at DI'17. Your participation enables excellent visibility amongst a community of defence professionals, 2-days' networking with over 300 attendees and prominent promotional opportunities via the DI'17 App and marketing collateral.



The App is a great new way of reaching a MOD/Industry audience enabling interaction and downloads, links to websites and social media etc. The App will use notifications to credit Sponsors and to highlight the stands of Exhibitors. Details of both Sponsor and Exhibitor packages are at <https://www.cranfield.ac.uk/events/symposia/di>. You have the option of participating in a formal dinner at the nearby historic STEAM museum, an excellent venue for dining and socialising.



Event Dinner at STEAM

### DI'17 Event Lead Sponsors / Exhibitors to date:





**DI'17 Event Exhibitors to date:**



**DI'17 Event Supporters:**



**DI'17 Event Organisers:**



**Key Contacts for DI'17** Michael J T Hewetson OBE, Director Symposia at Shrivenham  
Steve Shepherd, UKCeB lead co-organiser for DI'17; Phil Williams, Managing Director, UKCeB