

An Introduction to CSIIS

Dstl is establishing the Command, Control, Communications, Computing, Intelligence, Surveillance and Reconnaissance (C4ISR) – Secure Information Infrastructure and Services (CSIIS) Research Programme to respond in a timely manner to research needs across a number of technical disciplines/strands, including Networks, Services, Communications, Information Assurance, Knowledge Management, Information Management and Information Exploitation. Dstl require a prime contractor to manage and deliver the research, who has effective links across industry, academia and the SME supply chain thereby maximising research investment by providing potential exploitation paths into existing and future capabilities.

Team Sirius, led by QinetiQ as Prime, has developed a proposal which is underpinned by a collaborative approach, flexible delivery team structure and a strong and successful track record in delivery of research to Dstl. In response to the Invitation to Tender, the requirement was addressed by offering:

- A broad based industrial and academic Team with an open and inclusive construct
- Collaboration, Fairness, Openness and Transparency
- A proven Programme Management Methodology
- An experienced Programme Leadership Team



A broad based industrial and academic Team with an open and inclusive construct

Team Sirius comprises over 40 organisations including large defence and non-defence companies, consultancy companies, specialist manufacturers, SMEs and universities. Team Sirius brings together an expert team with the right balance of members, who intend on working collaboratively together and closely with Dstl to fulfil MoD's current and future research requirements.

Collaboration, Fairness, Openness and Transparency

QinetiQ have built a reputation for delivering mutually beneficial research programmes: both for the MOD and the supply chain. This can be demonstrated by the enthusiasm with which the comprehensive range of suppliers have joined our Consortium.

Specifically, in relation to the CSIIS Programme, QinetiQ will maintain transparency by sharing MOD aspirations and opportunities with the Consortium. QinetiQ will implement a fair and open tasking process, with all selection criteria published in advance, and all results made available to winners and losers, with debriefs to all who request them. Dstl will be involved in all key decisions to ensure they are made in the best interests of MOD.

A proven Programme Management Methodology

Through leadership of a range of research programmes, QinetiQ have developed experience and a range of proven processes to engage diverse supply teams, and lead them in the delivery of coherent programmes of research for MOD. Drawing upon this experience, a tailored approach has been developed for the CSIIS programme which builds upon best practise and lessons learnt to provide a research capability tuned to the varied and evolving needs of the C4ISR customer and stakeholder.

An experienced Programme Leadership Team

The programme organisation for the management of the CSIIS Programme is shown overleaf.

CSIIS Leadership Team

Angela Noble (QinetiQ)

A Project Manager with 16 years' experience in multi-million pound projects. Experienced in MoD Research Programmes, setting up of Joint Venture company, and management of civil tele-communications projects. Qualified to Masters level, with over twenty years' experience in the communications industry. Fellow of the Institute of Engineering and Technology and a Member of the Association of Project Managers. Angela is an effective manager and leader and an excellent communicator.

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Amanda Cashion (QinetiQ)

Amanda is a highly motivated and dedicated Senior Project Manager, with a proven track record of delivery. She is approachable, hard-working and a team player. Amanda has led successful projects and programmes for the Healthcare Commission, GCHQ and Ministry of Defence on Information Management and SOA. Amanda has a great deal of experience managing and bidding a variety of demanding Projects and Programmes including the cross framework programmes S2O and ISCO.

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John Ibbotson (IBM)

John has a very broad technical background in IT gained over a career of 30+ years. This has ranged from detailed project implementation to strategic planning, research and consultancy. John is a very experienced technical leader in the research domain with over 25 years of experience in the design, leadership, and delivery of research programmes.

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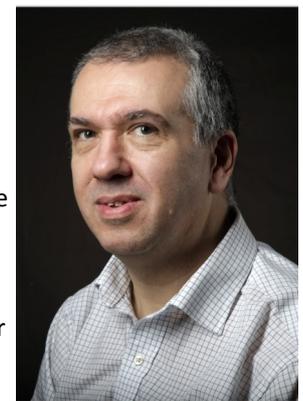


Mark Turner (Exelis)

Mark has a strong background in military communications systems including voice and data communications for dismounted, ground and air platforms. He is currently the Exelis Design Authority for the range of Bowman VHF Radio products and the Technical Lead for a number of research and development projects.

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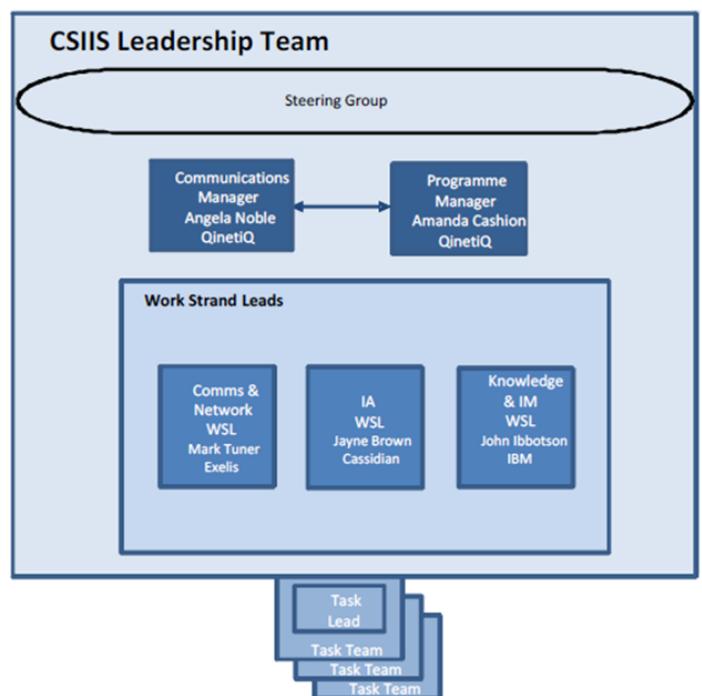


Jayne Brown (Cassidian)

Jayne is a Solution Architect for Cassidian Cyber Security. She has been with the company, now known as Cassidian, since leaving Thames Polytechnic in 1989. During her 24 years of experience with Cassidian Jayne has worked on a number of cryptographic, key management, secure information infrastructure programmes and has supported ESII Tasks including leading three. The list of projects Jayne has supported includes major programmes such as BOWMAN, DII, Skynet 5, Cormorant, CIPHER, and NRF DCIS.

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George Vongas OBE
Senior Technical Leader
CSIS

George joined Plessey Defence in 1980, to work on and lead several projects on Military Communications and Electronic Warfare (EW), working closely with MOD.

He joined MOD at RAE Farnborough in 1987, in the Radio/Navigation department. He led work on MERLIN comms, ASAAC CNI Modular Avionics and Integrated C4I for MPA, EF2000 and NIMROD-R. Following 18 months at the BOWMAN Programme Office, George moved to MOD Main Building as a science desk officer in Dsc, and later in DOR (Sea), DEC AWB and DEC CCII during which time he was promoted to Deputy Director Science. In 2001, he worked across Dstl and the RAO as D/RD AW/ELM/CCII, managing the research programmes in these areas. In 2007 he became Senior Programme Leader for Information Superiority in Dstl, and later Domain Leader C4I. George has extensive experience in Comms, EW and HF, and leads several International Research Collaboration Programmes for the MOD at 1* level.

Judit Marriott: I started as an Assistant Commercial officer at Dstl in 2005. Through the years I have achieved MCIP commercial qualification and became a Commercial Manager. I supported many Dstl departments, but primarily I was responsible for Sensors and Countermeasures and Detection Departments' procurement and sale activities in the last few years. I took up the Contract Manager role in November 2013 with the responsibility for the CSIS contract. I look forward to seeing how this contract will develop and accomplish a new way of working with industry.

Simon Baker started out as an Electrical Technician Apprentice at Bath for DG Ships. After University and Industrial placements became a Rocket Scientist (!) on the Polaris/Chevaline Missile System analysing performance and supporting what became the last flight trial of the operational system.



After a years antipodean sabbatical, he worked on the Type 23 Frigate Combat System design evolution and then the Communications System for what became the Type 45 in the UK/FR/IT Joint Project Office, leading on Security. Simon had a short sojourn in AbbeyWood on the early stages for the Type 26 Frigate (as the only civilian requirements manager at that time...) before joining DEC/Cap CCII in Main Building as the Science/Analysis and Research lead for battlespace communications/networks/infrastructure. His last 6 years there was as Deputy Director/Head.

Simon is now at Dstl as a capability advisor and working on the ISCO project.

Helen Carlton: I am the Programme Manager for Assured Information Infrastructure. I am responsible for the design and delivery of a programme of research aimed at providing S&T advice and technical solutions to the Defence Authority for C4ISR to help them achieve their vision of a continuously evolving single logical, reconfigurable, resilient information infrastructure across UK and deployed, fixed and mobile elements.



My previous roles include Principal Scientist for Surveillance Group in SSD, where I was responsible for the technical quality of outputs and forward capability of the Group; research lead for autonomous vehicles for Explosive Ordnance Disposal, supporting DE&S on options for the new fleet of Unmanned Ground Vehicles; and a series of roles in the Programmes Office, responsible for the Defence Technology Centres, supporting the Future Business Director and project managing the Research Acquisition Office transformation.

Prior to joining Dstl (then DERA) I gained a BSc (Hons) in Applied Physics at the University of Bath. In my free time I try to stay fit by running, and cycling and horse-riding when I can.

Trevor Benjamin has over 38 years technical experience in real time computing, communications, IT standards and security. This was mainly in MOD Research Establishments (SRDE, RSRE and Dstl) covering practical research in systems, design, programming and testing involving international collaborations and industry research contracts. He spent 8 years in the Department of Trade and Industry on project management and policy for IT standards, working with standards bodies, industry, the European Commission and international partners. During this period, he developed policy and administrative skills in relation to education and training, especially for Engineers and the engineering profession. This included working with DTI Ministers and Senior Officials on policy formation, briefing, speech writing and Parliamentary business. Since 1993 he has been at DERA Malvern and Dstl working in information and networking research, project support, management (people, research and projects) and technical leadership. He is currently providing advice and guidance to MOD Research and its stakeholders as a Capability Adviser for Information Assurance. He is a Government Technical Area Leader for the Network and Information Systems International Technology Alliance, a fundamental research initiative between the UK and US, involving industry, academia and government scientists.

Peter Houghton started his science career in the data processing department of RAE Aberporth in 1980, but transferred shortly afterwards to RAE Bedford to work on research flight data processing. More than a decade later he moved to DRA Malvern to support a new research programme on Requirements Engineering. On arrival however, he was immediately asked to assist with the assessment of Bowman! Peter subsequently worked on numerous C4I-related research projects in DERA, finishing with Command Post 21; moving onto Global Information Infrastructure research at the time of Dstl's formation. Peter now provides advice to the MOD Research Programme as the Capability Adviser for Command and Control.



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