

Niteworks Projects initiated January-June 2016

Project	Description
Air	
Military Aviation Authority Regulatory Research	Niteworks is researching links between the MOD's capability development process and the establishment of robust, pan-DLOD Air System Safety Cases. The focus is on the Development and Delivery project phases and safety critical evidence gathering and decision making. The research is being conducted jointly with a broad cross section of industry.
Air C2 and ISTAR Industry Support	Impartial pan-industry research to support the delivery into service of specified Air Command & Control and ISTAR programmes, ensuring coherence with other programmes and consistency with Defence outputs.
Support to Programme ATHENA	Impartial industry-informed research to support Programme ATHENA, a post SDSR 2016 cross-DLOD change initiative designed to optimise the delivery of operational ISTAR capability.
Fifth Generation Air C2 Research	Production of an industry-researched top-level view of the Air environment Command & Control for Fifth Generation war fighting with an information exchange architecture to inform decision-making on future Air Command & Control options.
Aircraft Refuelling Capability Acquisition Decision Support	In order to maximise operational effect, Niteworks is providing industry-informed, innovative approaches to support the refreshing of the user requirement for a coherent and deliverable aircraft refuelling capability.
Land	
Army Training Review – Technology in Training	This project is creating a pan-industry researched baseline of the Army's current use of technology in training and education. It involves identifying the challenges and opportunities for immediate enhanced exploitation of the current capability, together with a pan-industry-informed approach to the application of future technology enabled training.
Future Ground Search Capability	Industry-informed research on the options for future ground search capability against current requirements, and for enhancing the capability in the future, using current and evolving technology. The project will also review options for increasing stand-off and introducing standardisation.

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Air Manoeuvre Capability Development Scoping Project	Utilise industry research to define and develop the Air Manoeuvre branch of the Joint Helicopter Command's framework for its capability management plan and test its ability to support the delivery of the capability strategy.
CD Combat Support AJAX Exploitation	Building on previous SCOUT (AJAX) experimentation by conducting further DLOD analysis of Combat Support capabilities and de-risking future STRIKE experimentation.
Army CSS C2 Development Extension	Following the Army Combat Service Support Command and Control Development project (FY15/16), this project defines the cost drivers and information flows required for a new model of logistic support for expeditionary operations at the divisional level.
CD Combat Year 4	Fourth year of programmed analysis and experimentation (A&E) activities supporting HoC Combat capability development, which also includes A&E activity for DG Cap experimentation objectives. The principal focus is on the development of the STRIKE concept, focused this year on the company group in a battlegroup context.
Maritime	
Warship Common Support Model Adoption	Industry-informed research into the most appropriate mechanisms and approaches to implement the Warships Common Support Model. And to thereby deliver the target benefits of commonality of warship support processes, across a wide and complex engineering enterprise.
Joint	
Common Defensive Aids Suite Stage 2	To provide industry-researched input to a coherent, de-risked programme approach for the common provision of defensive aids on air platforms.
Ballistic Missile Defence Industry Support	The 2015 Strategic Defence and Security Review committed the UK to strengthening its Ballistic Missile Defence capability. In order to help implement the intent, Niteworks is providing industry-informed decision support for the early programme definition.
Defence as a Platform Lot Structure Validation	Impartial collaboration with industry to research and demonstrate that the procurement approach proposed in the initial DaaP project is aligned with "as is" and proposed "to be" DaaP, and to identify additional areas that are procurement development priorities.

Project	Description
Rapid Messaging - Defence Business Resilience Exploitation	Niteworks is researching and demonstrating an updated version of the Rapid Messaging application in response to evolving business resilience requirements; and support in its roll-out across the Defence community.
DELMER Social Media CCD Phase 2	Second phase of a programme of experimental development to provide industry perspective into the requirements for social media engagement by 77 Bde in support of MOD's information activities.
OSINT Embed & Refine	A follow on task from the work under Open Source Capability Concept Demonstrator which involves further work on the core processes of the Open Source Hub at Joint Forces Intelligence Group. The outputs include a credible development plan and maturity model that MOD can follow to fully realise its vision for the Hub.
Influence Activity and Outreach (IA&O) Operating Model	To develop and validate a high level Information Activities Operating model which addresses cross-government working, using a combination of systems engineering techniques and stakeholder input, in order to inform Defence's Blueprint for IA&O activity and capability requirements.