Niteworks Projects initiated July 2017- March 2018

Project	Description
Air	
Cyber Protection of Cellular Networks	Identify the vulnerabilities, threats and response options to manage cyber incidents relating to cellular networks.
Defence Operational Training Capability (Air) Cross Domain Solutions Stage 4	A Capability Concept Demonstrator (CCD) to mature the technology and processes required to enable cross domain security between training simulators.
Joint	
Cross Domain Interoperability Foundation	Building on previous Niteworks studies and experimentation, and gathering partnership input, rapidly develop candidate documentation to enable MOD to construct an efficient and effective Cross Domain Interoperability Services programme.
Cyber Electro-Magnetic Activities Task	Review and apply the Land Environment Tactical Cyber Electro-Magnetic Activities (CEMA) Concept of Operations and Capability Development Plan, and the emerging findings on Operating in the Information Environment, to meet group operational requirements.
Cyber Vulnerability Investigations (CVIs) Framework	Planning activity for a project to make recommendations on various commercial models that could be used to efficiently deliver Cyber Vulnerability Investigations to MOD, covering platforms, organisations, capability and functions addressing all elements of people, process and technology.
Deployed Platform Services Transition and Roadmap	Drawing on partnership input to provide insights and analysis to support ISS in bringing coherence to its programme and addressing transition between legacy capabilities and new services.
Influence Activity and Outreach (IA&O) Operating Model Implementation	Ensure wide support by further developing the previously produced IA&O Operating Model and to develop conceptual and practical artefacts that will allow the IA&O enterprise to be set up for success.

Project	Description
Influence Activity and Outreach (IA&O) Mission Rehearsal and Training (MRAT) Capability Concept Demonstrator (CCD) Blueprint Approach and Applied Toolkit Scoping Activity	Define the requirements and development pathway for an IA&O Applied Toolkit and prepare a Blueprint for a Mission Rehearsal and Training Capability Concept Demonstrator for digital influence within the context of a Force Generation and Mission Preparation Framework.
JFC Single Intelligence Environment (SIE) Enterprise	Continue to develop an intelligence Processing, Exploitation and Dissemination (PED) Capability Concept Demonstrator for Joint Force Command and coalition C4ISR experimentation activity and assessment.
Land Environment Tactical Bearer Concept	Develop a candidate scope of work for a Concept Phase for the next generation of Land Tactical Environment communications bearers, based on impartial, vendor agnostic analysis and domain knowledge.
MORPHEUS Security Policy Framework	Investigate the policy framework needed for developing MORPHEUS (Land Environment Tactical Communication and Information system) to operate and interoperate effectively and securely.
Support to Operations In the Information Environment	Provide industry and academic input into a strategy that will enable JFC with Defence to operate effectively within the Information Environment, building on the growing nexus between Influence Activity and Outreach (IA&O), Cyber Electro-Magnetic Activities (CEMA) and Intelligence Surveillance & Reconnaissance (ISR).
Maritime	
Royal Navy Training Modernisation Research	The Royal Navy requires impartial industry-informed insights and evidence into the modernisation of Phase 2 and 3 training, including optimising design and delivery, harnessing technology and constructive innovation.
Submarine Combat Systems Group (CSG) Environmental Modelling Capability Concept Demonstrator (CCD)	Develop a Capability Concept Demonstrator that will improve the accuracy and visualisation of environmental modelling on board submarines and refine the new CSG operating model.