QINETIQ

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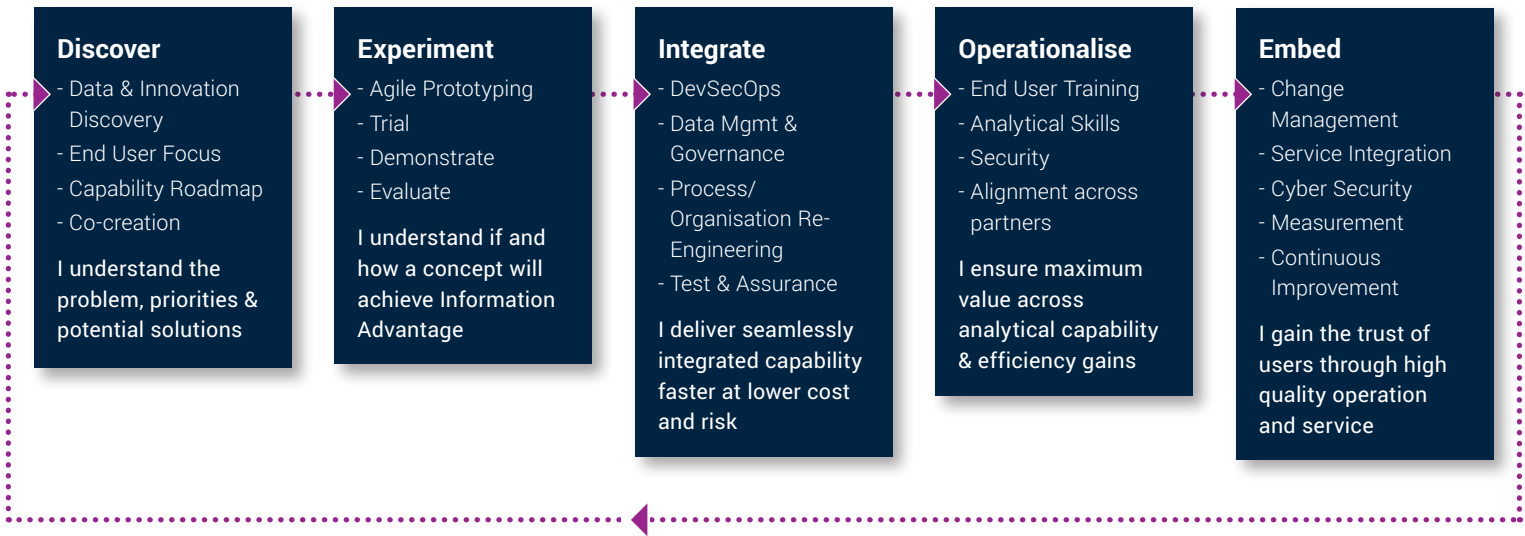9.1231

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Information
Advantage

Information plays a critical role within today's operating environment; not only does it power the systems that are vital to mission success, but it delivers competitive advantage. However, users face a deluge of information and the information domain is contested at every turn.

QinetiQ partners with a portfolio of suppliers to offer a suite of services, capabilities and products that help our customers across defence and security to achieve Information Advantage. We can help make sense of the data: to integrate it within your systems and workflows, to find the crucial intelligence hidden within the noise, to protect it, to assure it and to trust it.

Our experts work throughout the lifecycle of Information Advantage programmes, contributing at each of the Discover, Experiment, Integrate, Operationalise and Embed phases. We base our approach on partnership with our customers and collaboration with industry suppliers – working as a team to create digitally enabled systems that deliver against the most demanding challenges.

Discover
- Data & Innovation Discovery
- End User Focus
- Capability Roadmap
- Co-creation

I understand the problem, priorities & potential solutions

Experiment
- Agile Prototyping
- Trial
- Demonstrate
- Evaluate

I understand if and how a concept will achieve Information Advantage

Integrate
- DevSecOps
- Data Mgmt & Governance
- Process/ Organisation Re- Engineering
- Test & Assurance

I deliver seamlessly integrated capability faster at lower cost and risk

Operationalise
- End User Training
- Analytical Skills
- Security
- Alignment across partners

I ensure maximum value across analytical capability & efficiency gains

Embed
- Change Management
- Service Integration
- Cyber Security
- Measurement
- Continuous Improvement

I gain the trust of users through high quality operation and service

Our IA offering is split in to five areas of expertise:

Data Intelligence – recognising that it can be difficult to extract value from complex data sets, our user-centric data intelligence approach is designed to guide the user through the process, bringing the data alive in weeks, if not days. We then follow an Agile approach to create data-driven cloud-based systems that work in partnership with the user to create actionable intelligence. Our customers benefit from our mission-focussed mindset that addresses front-line challenges, rapidly implementing solutions and then iterating and scaling them over time.

C4ISTAR – we offer integration services that bring C4ISTAR capability to life, leveraging decades of specialist domain knowledge. Our sensor products provide situational awareness at the tactical edge; our communications systems maintain connectivity when it is most critical, and our intelligence and analysis services support ISTAR missions right up to the strategic level. With deep understanding of intelligence tradecraft, we can match the most innovative technologies with evolved ways of working, creating transformational advantages throughout the C4ISTAR enterprise.

CEMA – working within the areas of Cyber, Electronic Warfare (EW) and Signals intelligence (SIGINT), we offer a range of assurance, training, experimentation and threat emulation services – preparing forces for operations against the most capable CEMA adversaries. We deliver 24/7 protection for organisations and critical infrastructure against hostile cyber activity, safeguarding systems enterprise-wide.

Our detailed understanding of both the current and future threat landscape means we can use technologies and environments to replicate a highly contested battlespace, providing end-to-end assurance that forces can achieve mission success.

Mission Data – working in partnership with our customers, we combine highly skilled people with rigorously tested processes and automation technology to deliver advanced platforms with the intelligent data sets they need to gain operational advantage against technically sophisticated threats.

Human Machine Teaming (HMT) – working with technologies from across the spectrum of Robotic and Autonomous Systems (RAS), machine learning and artificial intelligence, we create concepts of operation that help end-users manage huge data flows from disparate and dynamic sensors. QinetiQ has deep experience within the C2 (Command and Control) of uncrewed systems, data fusion and brokerage alongside experimentation and assurance of HMT technologies. We accelerate the adoption of HMT technologies and unlock the force multiplication benefits that uncrewed systems can provide by tackling the challenges of enterprise-wide deployment.

For more information, contact QinetiQ's Information Advantage team at: IA@qinetiq.com

C4ISTAR - *Command, Control, Communications, Computers, Information/Intelligence, Surveillance, Targeting Acquisition and Reconnaissance.*
CEMA - *Cyber Electro Magnetic Activities.*

For further information please contact:
Cody Technology Park
Ively Road, Farnborough
Hampshire, GU14 0LX
United Kingdom

+44 (0)1252 392000
IA@qinetiq.com
www.QinetiQ.com