

ROKE



Specialist Cyber Training

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Service Definition

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Specialist Cyber Training – Service Definition

Benefit from specialist cyber training, coaching, and mentoring tailored to your team's needs, delivered by experts from across the cyber, information assurance and human science domains.

Roke provides specialist training for industrial and government clients to support the UK's mission of being the safest place to live and work online.

Our training covers how to make, break and secure today's systems, and design and build the next generation of secure systems considering human factors and behavioural science.

We provide structured and bespoke training packages on skills and techniques such as threat modelling, reverse engineering, and war-gaming.

Service Offering

- Technology Briefings
- Domain Skills Workshops
- Remote or In-person Training
- Training Programmes
- Coaching and Mentoring
- Learning Through Serious Gaming

Roke has a broad range of technical experts, across much of the emerging technology landscape. Our expertise extends from the physical layer to the application layer - covering many fixed and mobile communication technologies. We will work with you to develop an appropriate training session or programme for your needs.

With deep experience across National Security, Law Enforcement, Defence, Central Government and Industry, Roke is well placed

to support you in meeting your specialist training needs.

Detailed Service Definition

Technology Briefings

Roke's cyber technology briefings provide clients with an efficient overview of one or more cyber capability areas, how they operate, and the opportunities and risks they introduce. Our briefings support senior leaders looking to understand emerging cyber technologies, as well as practitioners rotating into new cyber roles.

All material is tailored to the audience, ensuring that both senior stakeholders and technical practitioners receive the level of cyber-relevant detail they need

Domain Skills Workshops

Designed to broaden practitioners' knowledge, Roke's domain skill workshops deliver sessions facilitated by expert practitioners that rapidly cover a wide range of relevant skills, tools, and techniques.

By focusing on breadth, our experts enable staff transferring into the cyber domain to gain a broad appreciation of which approaches will benefit them, their programmes, and projects. This approach can be used in support of training needs assessment, or as the introduction to tailored deep dives on subjects of interest.

Remote and In-person Training

Roke's specialist cyber training can be delivered either in-person, or remotely, depending upon the content and classification of the subject matter.

We deliver training including the following areas:

- Software reverse engineering
- Network security
- Digital forensics
- Information assurance
- Threat modelling
- Red teaming and war-gaming
- Human behavioural sciences
- High assurance software development
- RF Cyber
- AI/ML

We will work with you to tailor our training to your team's needs, allowing you to combine high-level overviews of some areas with deep dives in others.

Training Programmes

Our training programmes provide longer duration, role, and domain specific training. Working with you, we will perform a training needs assessment and use this to tailor a programme of our specialist cyber training to your needs.

Programmes can be delivered remotely or in-person or using a range of approaches. We can also recommend or build-in external training programmes and systems where these effectively meet the development needs.

Coaching and Mentoring

One of the challenges for staff working in specialist roles is finding the right coaching and mentoring. Roke's experienced subject matter experts can provide third-party coaching and mentoring to enhance your existing coaching and mentoring programmes.

Serious Gaming

Serious games are a great way of engaging people and allowing them to explore a subject in a low-risk environment. Roke have developed serious games for cyber security and can tailor the game environment to suit a variety of challenges, bringing domain and technical expertise together.

Key Services

Technology Briefings

- Overview of technology areas
- How they work
- Threats and opportunities

Domain Skill Workshops

- Facilitated workshops
- Broad coverage of skills, tools, and techniques
- Supports training needs assessments
- Leads into tailored deep-dive training

Remote or In-person Training

- Deep dive into specific topics
- Tailored to your team's needs
- Taught or challenge-based

Training Programmes

- Regular, longer-term training
- Role and domain specific
- Accelerated development

Coaching and Mentoring

- Experienced coaches and mentors
- Subject matter experts
- One-off or continuous support



Pioneering Technology for Global Security & Future Warfare

At Roke, we stand at the forefront of defence and security, delivering cutting-edge intelligence and engineering solutions that protect nations, troops, borders, critical national infrastructure and businesses. We bring the credibility of a long-standing defence and security leader, the precision of a specialist, and the agility to solve complex, high-stakes challenges with purpose and impact.

Roke is at the forefront of shaping the future of digital defence, intelligence, and national security.

We are Roke. We are Changing Worlds.

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