

# Cyber Security Centre

## Building trust in an uncertain world

The **Cyber Security Centre (CSC)** is a multidisciplinary group of academics and industry experts who focus on a wide variety of computer forensics and security issues. From the highly theoretic to the immediately practical, the work of the group combines a thorough understanding of the real-world digital environment with deep insights into its underlying theoretical foundations. The centre offers services to those working in the security technology and service sectors including law enforcement and supportive industries, government and other public sector organisations.

## Expertise

The group has a wide variety of expertise in both cyber security and digital forensics, including network and host based security, risk assessment and mitigation, regulatory compliance, security architecture, forensic readiness, secure web systems, data recovery, forensic investigation, malware analysis, adaptive security systems, computational electromagnetics, formal methods, telematics and electronic design, GSM/GPRS, GPS and other GNSS systems, industrial networks and vehicle electronics.

## Facilities

- Specialist forensics and security labs
- Innovative cyber range for training and testing
- Secure data storage and computing facilities
- RF reverberation chamber
- PCB manufacturing facilities





### Services

From governments to local businesses, schools and charities, the Centre offers a variety of trusted services, including:

- Data recovery and e-discovery
- Expert witness services
- Incident response and forensic investigation
- Mobile phone and small device forensics
- Malware analysis and penetration testing
- Information assurance and digital forensics advice and services
- Policy formulation and regulatory compliance
- Technological innovation
- Training in all aspects of cyber security and digital forensics

### Key collaborations

The Cyber Security Centre collaborates with a wide variety of organisations on research, commercial services and in an advisory capacity. Some current collaborations include:

- Defence and Intelligence: DSTL, GCHQ, CPNI, US DHS, BAE Systems, Detica, QinetiQ
- Government and Law Enforcement: Cabinet Office (OCSIA), Leicester City Council, Met Police PCeU, CY4OR, CCL Forensics
- Standards and Advisory: ISO, BSI, e-Skills, Skills for Justice, Eurim, BCS, NIAF, Forensic Science Regulator
- Commercial: PwC, Ernst & Young, PragmaticDefence
- Academic: Carnegie Mellon, George Mason, UDM, Brunel, Cranfield, UCL

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