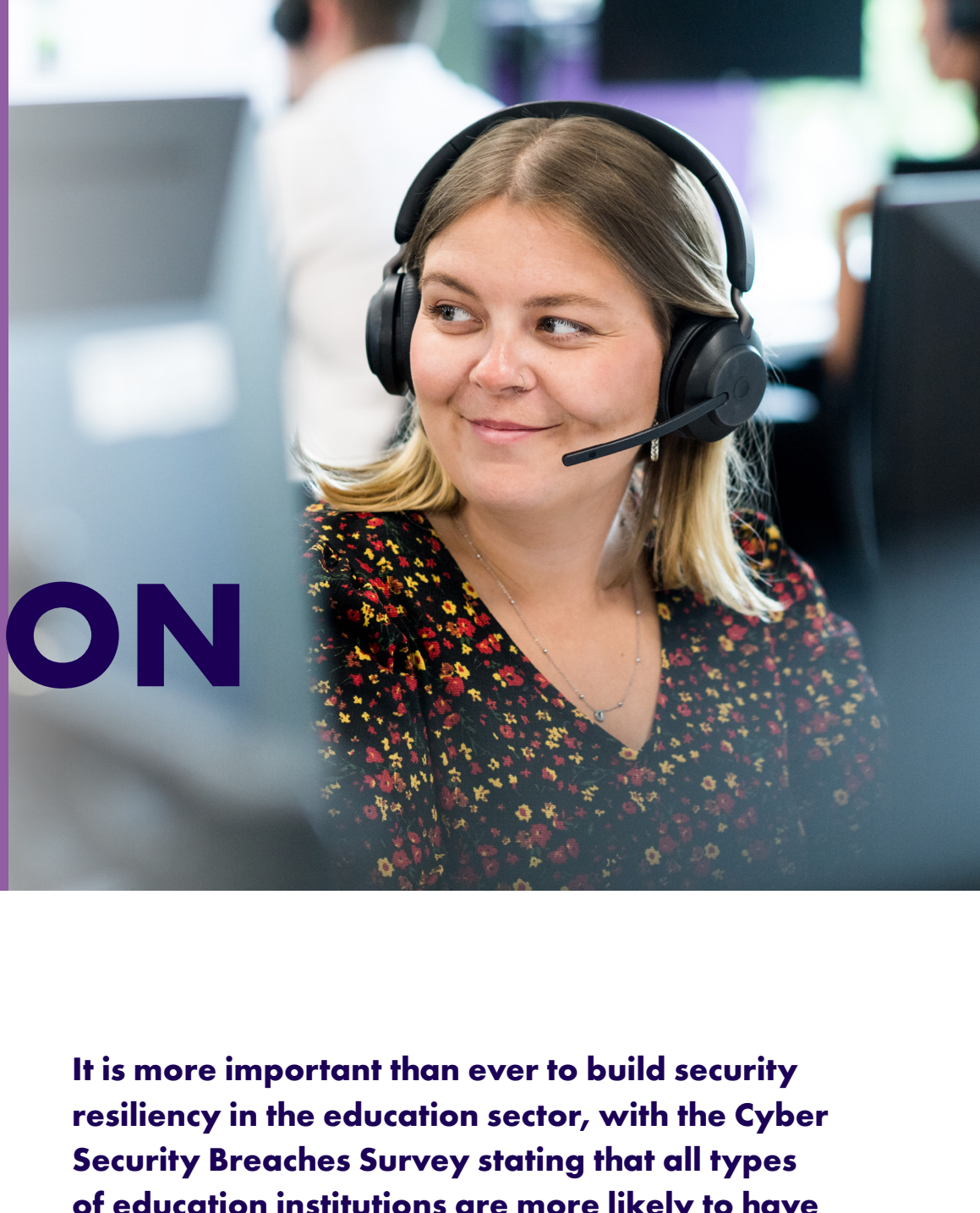




# CYBER SECURITY IN EDUCATION



**It is more important than ever to build security resiliency in the education sector, with the Cyber Security Breaches Survey stating that all types of education institutions are more likely to have identified cyber security breaches or attacks in the last 12 months than the average UK business.**

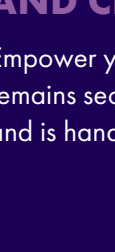
Strong security practices are crucial in preventing unauthorised access or potential data breaches in your estate, to not only protect your student and faculty information but to also ensure the uninterrupted functioning of your facilities, fostering a secure, and safe, digital environment for learning and collaboration.

Our dedicated education teams combine their industry knowledge with technical expertise to advise you on the best technology for your organisation.

## SECURE YOUR DATA

**Provide secure access to third parties for collaboration on research projects.**

Secure access to third parties is crucial for fostering collaborative research while safeguarding sensitive data and intellectual property, which we can help you achieve through:



### IDENTITY AND ACCESS MANAGEMENT

Ensure only authorised individuals can access your systems, data, and applications by implementing technologies such as multi-factor authentication (MFA) and privileged access management (PAM).



### DATA SECURITY POSTURE MANAGEMENT (DSPM)

Gain visibility of where sensitive data is, who has access, how it has been used, and what the security posture of it is.



### DATA LOSS PREVENTION (DLP) AND CLASSIFICATION

Empower you to leverage DLP and classification tools to guarantee that sensitive data remains secure, is not inadvertently shared with inappropriate recipients, and is handled compliantly.



### CLOUD VISIBILITY

Improve your visibility of content being shared on collaboration apps like Teams by deploying a Cloud Access Security Broker (CASB) solution.



### AUDITING YOUR SUPPLY CHAIN

Educational institutions often face significant risks from their extensive and deeply integrated supply chains. You can integrate your knowledge of these supply chains with Enterprise Risk for effective management.



**Protect your reputation by understanding threat landscape and threat actor profiles.**

Safeguarding your reputation necessitates a comprehensive understanding of the threat landscape and threat actor profiles to proactively mitigate risks and ensure the security of sensitive information and academic integrity. This is made possible by:



### FRONT LINE DEFENCE

Provide user education awareness and training programs tailored for students, safeguarding your front line.



### SECURITY OPERATIONS CAPABILITY

Empower you to promptly respond to issues and minimise disruptions to student-facing services and teaching by leveraging automation.



### CONTINUOUS MONITORING

Establishing a seamless process for consistently monitoring external threats, fostering an enhanced security posture, which enables universities to adapt and stay ahead of evolving threats.

## SECURE YOUR NETWORK

**Secure access for students locally, off campus, and internationally without a degradation in service.**

Ensuring secure access for students across various locations is essential for uninterrupted educational experiences, fostering inclusive learning environments without compromising service quality. We're committed to assisting you through:



### ZERO TRUST APPROACH (ZTNA)

Helping implement a zero-trust approach with stringent security measures, consistently verifying user identities to minimise unauthorised access and security breaches for streamlined student access to systems and applications.



### ENFORCE POLICY ACROSS YOUR NETWORK

Network topologies are complex. We assist in comprehending your internal connectivity, including connections to cloud services, SaaS, and hosting platforms, to identify and mitigate threats.



**Provide a proactive approach to network threats through understanding and securing your network assets, including non-standard equipment and bring your own device (BYOD).**

Taking a proactive approach to network threats by comprehensively understanding and securing all network assets is essential to safeguard sensitive data, ensure uninterrupted learning experiences, and mitigate potential cyber security risks. We can help you attain this by:



### AUTOMATIC ASSET DISCOVERY

Assisting with effortless uncovering of network assets, offering comprehensive visibility into both familiar and unidentified elements. This includes understanding interactions between specialised research equipment and IT.



### VULNERABILITY AND PATCH MANAGEMENT

We can conduct regular scanning for real-time visibility your assets and any vulnerabilities using specialised tools and implement strong patch management to ensure swift and effective resolution of identified vulnerabilities.



### SOFTWARE-BASED DETECTION AND RESPONSE

We can help you leverage software-based detection and response technologies such as SIEM, XDR and NDR to ensure a proactive and adaptive defence strategy.

## SECURE YOUR PEOPLE

**Enhance the student experience through policy and technology, enabling secure identity throughout the student lifetime from on-boarding right through to alumni.**

Secure identity management ensures a seamless and personalised educational journey, fostering continuous engagement from enrolment to alumni status and promoting a lifelong connection. We support you in doing this by:



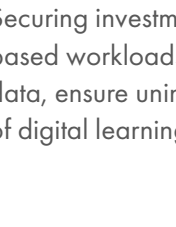
### MAINTAINING ACCESS

Ensuring continual access to essential student applications and services throughout their university journey, employing advanced Identity and Access Management (IAM) and MFA technologies.



### MONITORING AND CONTROLLING USER ACCESS

Utilising effective tooling to limit common bad practices such as password sharing and manage the access of third parties coming in and out of your organisation.



### IDENTITY GOVERNANCE

Continuously assessing whether students and teachers continue to require access, have moved within the organisation or have graduated/left, enabling the seamless management of the joiner/mover/leaver process.



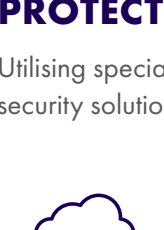
**Providing assurance through both the immediate and extended supply chain.**

Assurance through the supply chain in education is crucial to mitigate risks and ensure the integrity of information, systems, and data across interconnected networks. We can support you ensuring this by:



### AUDITING SUPPLIERS

Categorising suppliers and standardising the auditing process without unnecessary verbosity to ensure effective supplier audits and prevent audit fatigue.



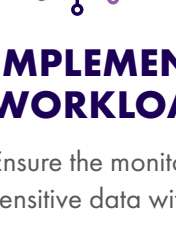
### AUTOMATING SCANS

Suppliers don't tell you everything, so we can utilise attack surface monitoring and threat intelligence to infer things you may not know.

## SECURE YOUR PLATFORMS

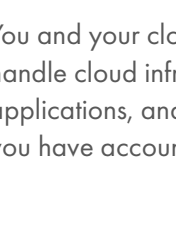
**Securing investments made into public cloud, ensuring cyber policies are extended to protect workloads, as well as traditional on-premise systems.**

Securing investments in the public cloud and extending cyber policies to both cloud-based and traditional on-premise systems is crucial to safeguard sensitive data, ensure uninterrupted access to educational resources, and maintain the integrity of digital learning environments. We can help you by:



### IMPLEMENTING CLOUD WORKLOAD PROTECTION

Ensure the monitoring and securing of diverse cloud workloads, safeguarding sensitive data with restricted access.



### UNDERSTANDING THE SHARE RESPONSIBILITY MODEL (CSP)

You and your cloud service provider (CSP) have security responsibilities. CSPs handle cloud infrastructure security while you're accountable for safeguarding sensitive data, applications, and workloads. We can help you understand this, so you know where you have accountability.



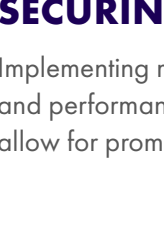
### SECURING LEGACY SYSTEMS

Safeguarding legacy systems that cannot be seamlessly transitioned to the Cloud to ensure they remain consistently updated and secure.



### PROTECTING IOT DEVICES

Utilising specialist tooling to protect IoT devices not protected by traditional endpoint security solutions or patch management.



### CONTROLLING AND MANAGING ACCESS TO CLOUD SERVICES

Enhancing the transparency of student engagement by providing regulated control to approved, secure applications, limiting the risk of unregulated data in cloud services.



### SECURING YOUR HYBRID PLATFORMS

Implementing monitoring, alerting, and observability solutions to track the security and performance of cloud services and on-premises infrastructure in real-time to allow for prompt responses.

## COMPLIANCE & REGULATIONS

**Compliance and regulation are crucial to protect sensitive student and institutional data, mitigate the risk of cyber threats, and ensure the overall integrity and privacy of educational systems.**

We empower you to adopt a proactive approach towards cyber security regulations through routine penetration testing and alignment with established frameworks like Cyber Essentials Plus. Additionally, we offer a platform to support Cyber Insurance Programs.

For schools, colleges, and private education, we can assist with interpreting the Department for Education standards on security and transforming that into technology that can assist in meeting them.

Our consultative workshops offer a valuable opportunity to conduct a comprehensive GAP analysis, guiding you towards achieving and maintaining compliance.

We can also aid your comprehension of internal data and services to facilitate compliance with data requests.

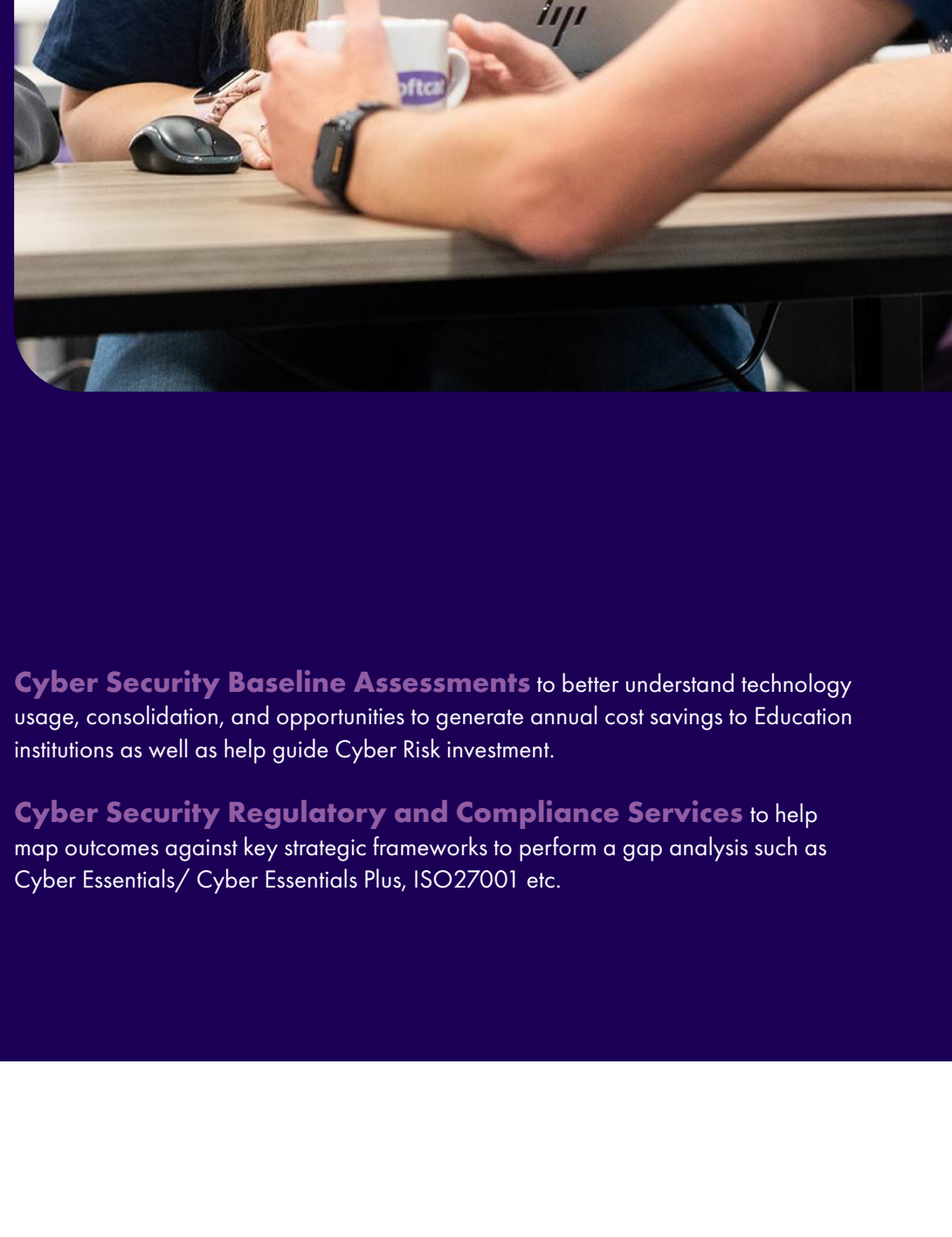
### Key Services we can offer:

#### Managed Security Services

• **Managed SIEM Service** – Reduces your cyber risk by monitoring and detecting security threats, enabling you to respond quickly without disrupting student services with guidance from our cyber analysts.

• **Managed Sentinel Service** – Helps you proactively defend yourself against threats and breaches by combining the threat protection, security intelligence and automation of the Sentinel security platform with expert monitoring and management by Softcat's Security Operation Centre.

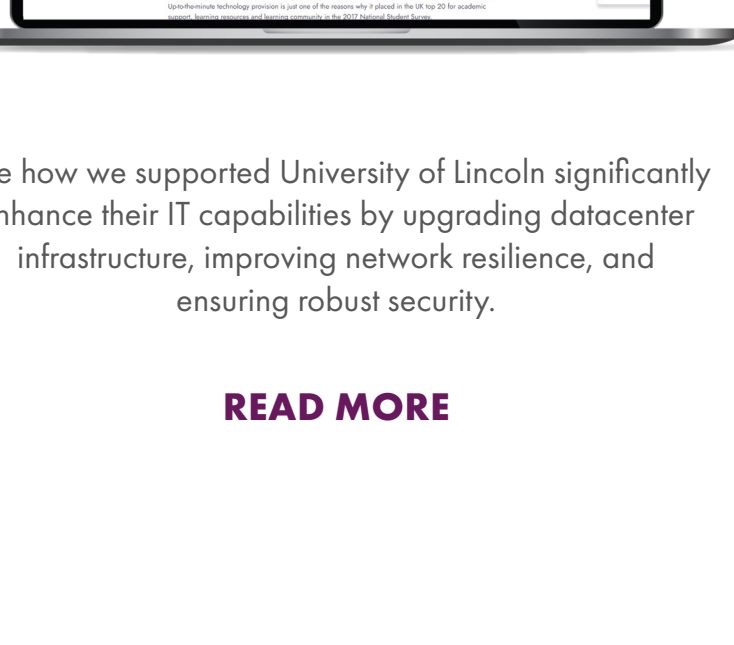
• **Managed Firewall Service** – Provides continuous monitoring, updates, and expert technical support, reducing your cyber risks and protecting student and organisational data by applying security best practices and swiftly addressing security incidents while easing the burden on your security team.



Cyber Security Baseline Assessments to better understand technology usage, consolidation, and opportunities to generate annual cost savings to education institutions as well as help guide Cyber Risk investment.

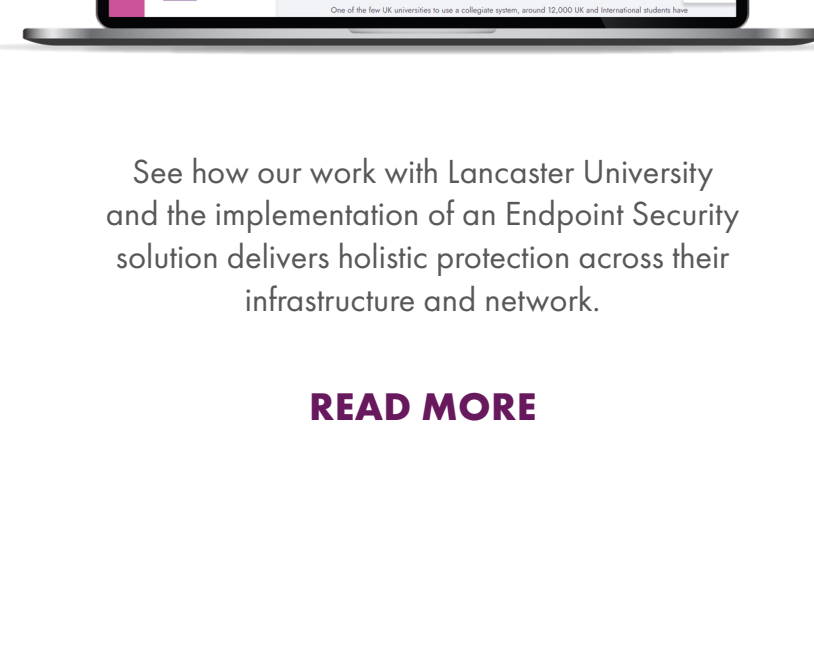
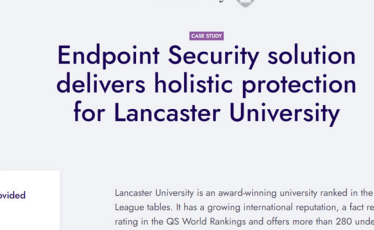
Cyber Security Regulatory and Compliance Services to help map outcomes against key strategic frameworks to perform a gap analysis such as Cyber Essentials/ Cyber Essentials Plus, ISO27001 etc.

## WHERE WE HAVE DONE THIS BEFORE:



See how we supported University of Lincoln significantly enhance their IT capabilities by upgrading datacenter infrastructure, improving network resilience, and ensuring robust security.

[READ MORE](#)



See how our work with Lancaster University and the implementation of an Endpoint Security solution delivers holistic protection across their infrastructure and network.

[READ MORE](#)

## FRAMEWORKS

**We sit on several higher education frameworks, offering universities a 'one-stop-shop' facility that includes a comprehensive range of IT products and services.**

In addition, frameworks such as CCS Education Technology and other CRC, KCS and YPO framework accreditations allow us to further support schools and colleges with IT procurement.

Our partner alliance team can leverage our accreditations to work with niche partners, providing you with access to specialist services that might not be on a framework.



**RM6098**  
CCS Technology Products & Associated Services 2



**KCS**  
Software Products & Associated Services



**NHS SBS**  
Digital Workplace Solutions



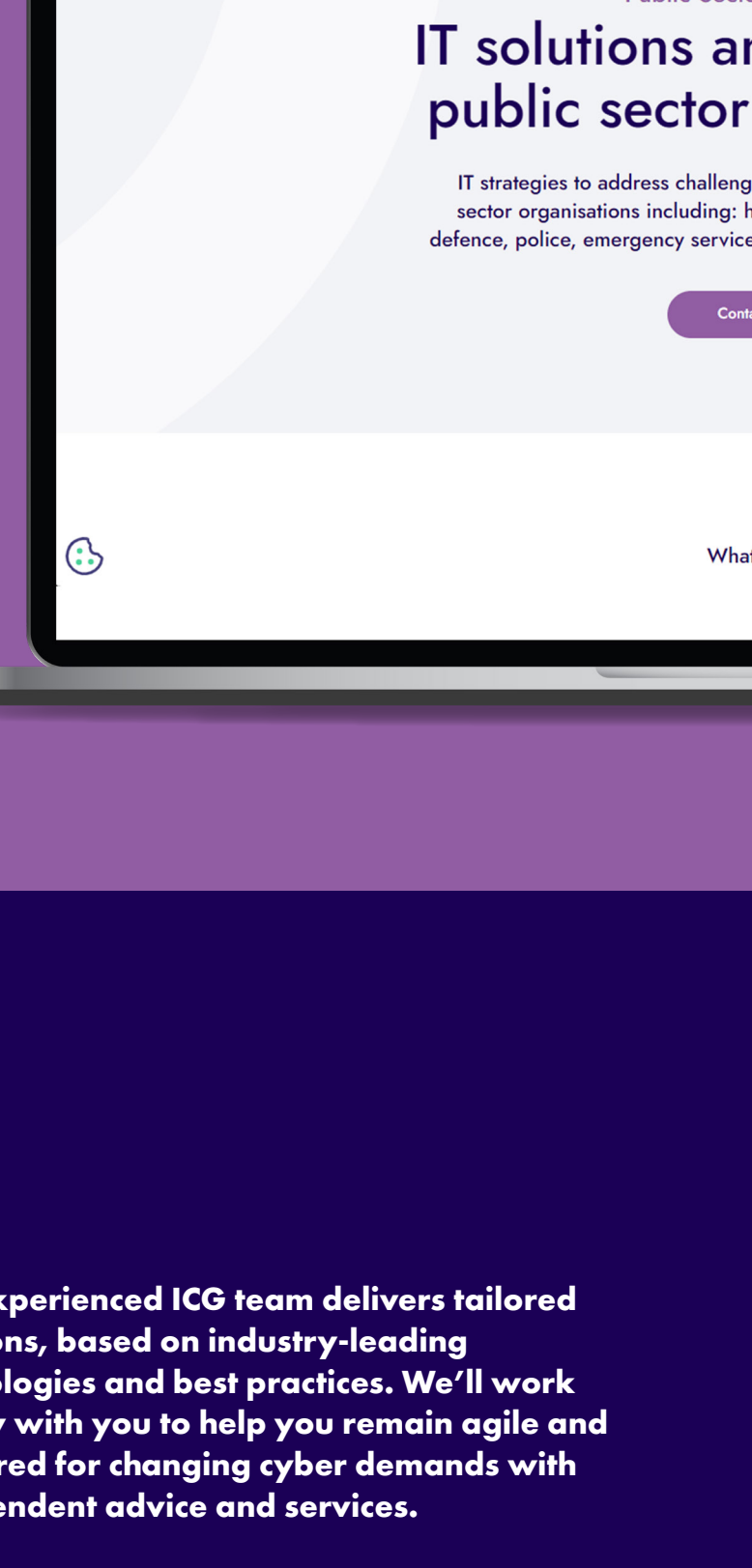
**RM3764.3**  
CCS Cyber Security Services 3 (DPS)



**Health Trust Europe**  
ICT Solutions 3



**META Procurement**  
IT Reseller



## WHY SOFTCAT?

**Our experienced ICG team delivers tailored solutions, based on industry-leading technologies and best practices. We'll work closely with you to help you remain agile and prepared for changing cyber demands with independent advice and services.**

**Expert team** – our 80+ specialist security technology team is supported by chief technologists, solution architects and an extensive professional services team

**Putting you first** – we're here to support you as your business needs evolve and change over time, from expansion to transitioning to the cloud, our services will adapt to suit you

**Industry best practice** – we keep up to date with the threat landscape, sharing a view of industry best knowledge, recent cyber threats, and recommended patches.

**Top tier vendors** – by working with innovative, industry-leading vendors, we're able to deliver best of breed, not best of brand, we offer bespoke solutions that are right for you

**Holistic approach** – by understanding each customer's unique needs, we're able to adopt a more holistic approach to business intelligence, powered by our transformation framework.



## TAKE THE NEXT STEP

If you would like to find out more about how Softcat can support you on your cyber security journey, please contact your Softcat Account Manager today.