

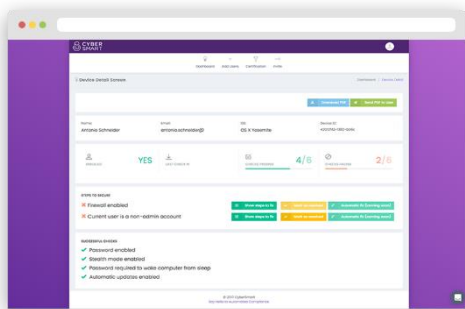
# CyberSmart

## Say Hello to Automated Compliance

Organisational IT has become increasingly complex – with the need to support cloud services, mobile devices and remote working. Securing all of this can be tricky, meeting compliance can be even harder.

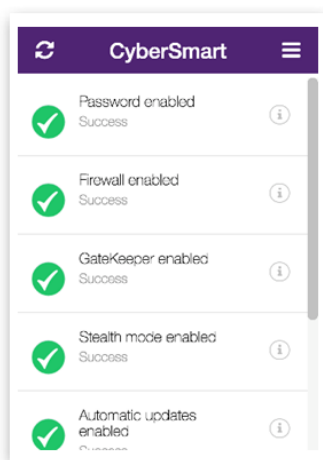
CyberSmart is a single platform that allows your clients to achieve Cyber Essential certification and maintain their compliance, easily and automatically. The platform consists of two parts: a cloud-based dashboard and device-based app.

### The cloud-based dashboard



The cloud-based dashboard is used to manage the compliance process. It allows the partner to add new organisations, check the compliance status of individual devices and allows organisations to get Cyber Essentials certified. Tooltips, how-tos and live support ensure that anyone regardless of technical or compliance fluency can operate the platform.

### Device-based app



In order to be able to check device vulnerabilities and configurations, apps are deployed to all devices in the organisation. These apps periodically check and report the compliance status of the device. Upon request, the agents can be modified for the administrator to remotely fix issues, or even for the app to automatically maintain the compliance status of all devices. Automated repair is disabled by default.

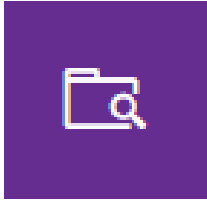
## Contact Lorica

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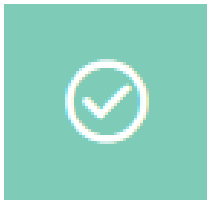
The platform is designed to assist organisations in achieving Cyber Essentials certification in the easiest and the shortest time possible. The entire process can be divided into four parts.

### Step 1: Identify



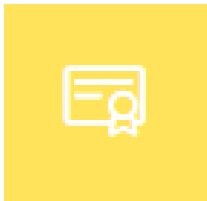
Scanning for vulnerabilities enables the capability to identify all issues which are not in line with the HMG Cyber Essentials scheme. Technology is used to automate the search for weaknesses in the organisation's system, no prior technical knowledge is required. Both Windows and Mac operating systems are supported.

### Step 2: Fix



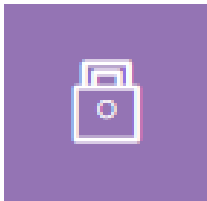
Provided with a list of all devices and their respective issues, the administrator can either manually attend to each machine or, fix the issues with one click in the dashboard. For administrators with limited cybersecurity know-how, the platform is written in plain English, using smart questions and it also offers step-by-step guides and live online support. The technology ensures good security practices stay in place after certification.

### Step 3: Certify



Being secure is one part of being compliant. It is equally important to demonstrate to clients, suppliers and partners that data protection is taken seriously and that their data are in safe hands. This can help with instilling trust and limit liability in case of a breach. Once Cyber Essential is achieved, the official Cyber Essential badge is provided for use as well as a physical certificate.

### Step 4: Protect



Data security is not a once-in-a-while exercise but an ongoing process. Security threats change constantly. For that reason, the software is ideally kept passively running in the background. This allows for the provision of real-time threat information and security updates. Annual ongoing support, £25K of free cybersecurity insurance and online support chat are also included. Additional protection and proactive personal support are available upon request.

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## Technical Specifications

CyberSmart is committed to the highest level of security and continuously work towards this as part of their Information Security Management System.

### Technology overview

- Cloud-managed platform allows centralised reporting and management
- Integrated and guided Cyber Essentials questionnaire with live support
- Software-based apps built for Windows and Mac
- Endpoint scanning across all machines including checks for OS updates, patches, antivirus, firewalls, user rights, secure configs & more
- Continuous monitoring of devices with weekly security reports
- Rapid digital issue of Cyber Essentials certification
- Data platform hosted on AWS (data is stored in multiple availability zones within London and replicated to Ireland for redundancy)

### Security features

- Each deployed binary is automatically individually built and signed on a per client/user basis
- All communication with the platform is via HTTPS, using strong ciphers
- OAuth 2 authentication platform and syncing with G Suite / O365
- Utilise SPF / DKIM / DMARC to combat email spoofing
- Utilise DNSSEC to combat domain spoofing
- All PI requests are authenticated via pre-assigned UUID
- All data encrypted in transit (TLS) and at rest (AES-256)
- Web Application Firewall and DDoS protection in place
- Complete redundancy throughout the platform
- Signed package URL's with expiry and secret note for self-enrolment
- Regular third-party auditing and penetration testing
- FIPS 140-2 Level 3 hardware cryptographic modules that provide extended validation code signing for Windows Binaries



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