

ISO 27001 A6 Organisation of Security Information

Version	Updated By	Date	Change Description
1.0	JPH	01/06/2021	First Release

Introduction

Montgomery and Coupers supplies “SOTERweb” a CAFM / Contractor and Supplier Facilities Management System as a platform for Organisations to Store, Manage and Monitor Organisation, Contractor, Contacts and Estate information and operational requirements and responsibilities.

Purpose

This document sets the cryptography policy within the scope of the **SOTERweb** System.

Applicability

This document applies to staff who are involved with building and testing of the following areas of **SOTERweb** that use encryption.

- User Login Password
- Logon Username, Organisation ID and User ID stored in the Login Cookie
- System Email Password

A10 Cryptography

A10.1 Cryptographic controls

A.10.1.1 Policy on the use of cryptographic controls

A.10.1.1.1 Cryptographic Type.

The type of encryption used is Encryption (AES)

A.10.1.1.2 Cloud Backup

SOTERweb Cloud backups will provide the following;

- a) Database, Files and Folders will be backed up to the cloud.

- b) End-to-End Encryption, Ensures data privacy, at rest or in transit, with AES encryption protected by user-defined passwords

No further information (level, Keys etc.) is available due to security requirements.

A.10.1.2 Key Management.

A.10.1.2.1 User Login Password.

The User Logon Password Key is not stored, Logon to **SOTERweb** uses the Users Entered Password to check against the AES Salted String stored in the Database.

No further information (level, Keys etc.) is available due to security requirements.

A.10.1.2.2 User Login Parameters (Only if User confirms that they are to be saved).

Logon Username, Organisation ID and User ID are secured with an Internal System key, AES Encryption and SALT.

No further information (level, Keys etc.) is available due to security requirements.

A.10.1.2.3 Email Account Login Details.

The System Email Password and encryption keys are secured and controlled by **SOTERweb** Administrators.

A.10.1.2.1 SSL Certificates.

All **SOTERweb** Servers have an SSL Encryption Certificate for the web application to ensure a secure file / data transfer system.

This will be provided and applied to the server when the system is installed.