



Issuing Certificate Authority as a Service

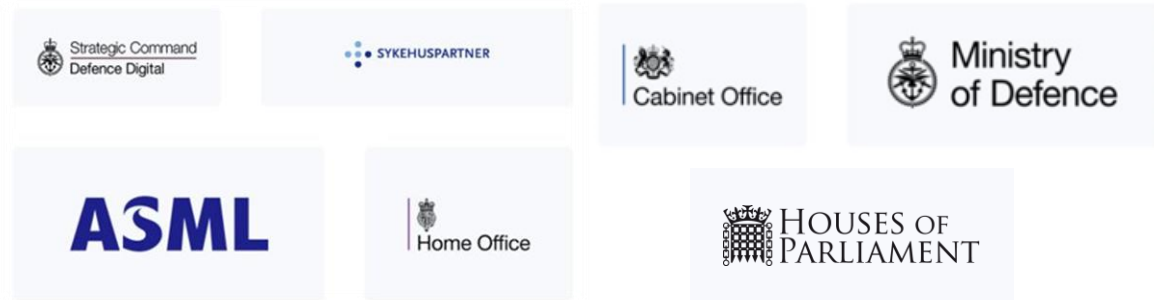
Service Definition Document



Company Overview

Unsung is a consultancy specialising in all things PKI. Started in 2009, Unsung have built a reputation as the “go to” for PKI services within Public Sector organisations for a wide range of services due to a deep understanding of Public Sector processes and challenges, coupled with the ability to provide experienced Security Cleared resources.

Our Customers



Our Partners



SC & DV Cleared Consultants

Active within both the Public and Private sector

20+ PKI specialists

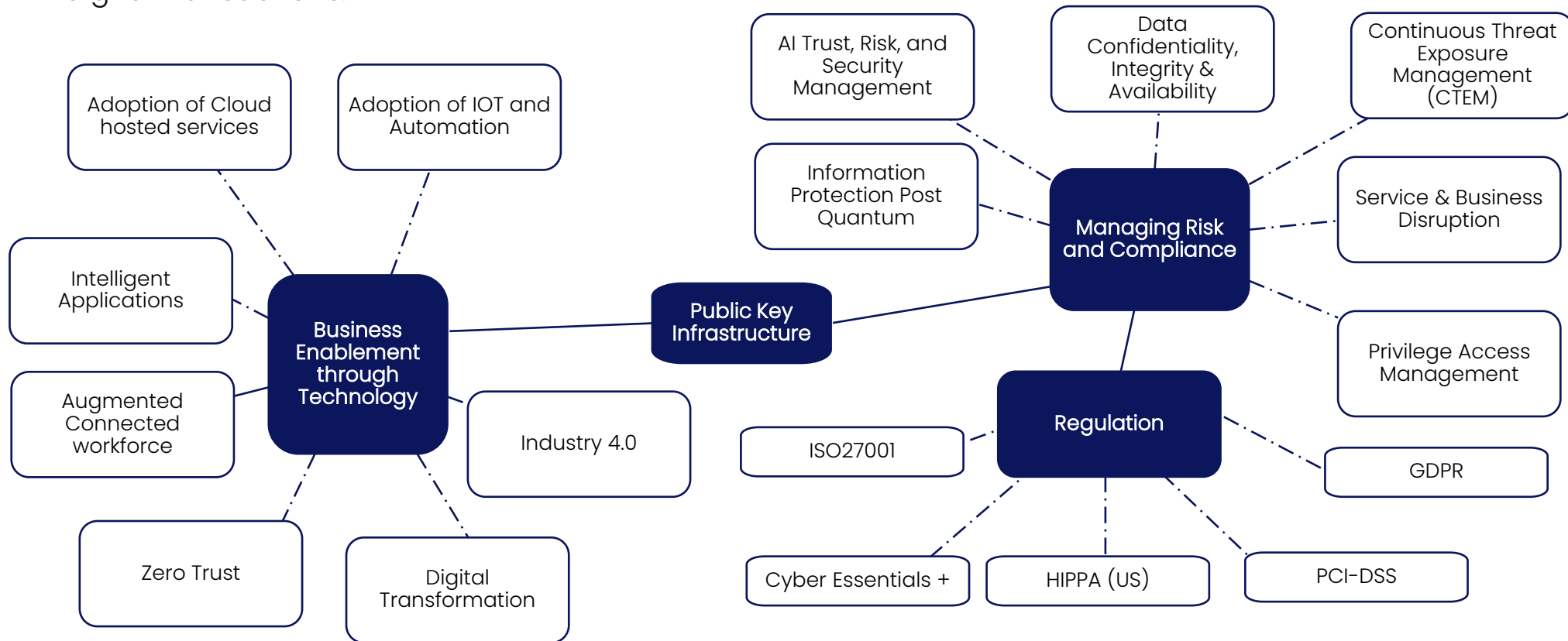
Operating across UK and Europe

Vendor Agnostic

Working relationships across the PKI industry from manufacturers to SME consultancies

Why PKI?

PKI is the cornerstone of corporate security, ensuring trust, authenticity, and confidentiality in digital interactions. By using digital certificates and encryption, PKI verifies user identities, safeguards data integrity through digital signatures, and enables secure communication channels. This framework not only protects corporate assets from unauthorized access but also facilitates regulatory compliance by demonstrating adherence to security standards. In essence, PKI underpins corporate security infrastructure, preserving trust and enabling secure digital transactions.



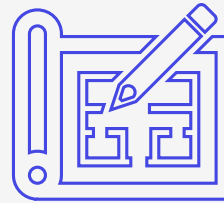
Our Offer

PKI Health Check



A review of technical, procedural & Resource of your PKI estate measured against industry norms and best practise.

Solution Design & Delivery



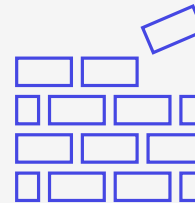
From full scale deployments to the introduction of new PKI capabilities. We provide end to end Design and delivery services.

Managed Service



Our Security Cleared resources are able to manage your end-to-end PKI needs.

PKI Consultancy



From migrating to different technology to a needs assessment, we cover all things PKI.

KeyFactor & Unsung

KeyFactor

One solution stack

Key factor delivers a comprehensive solution stack to build, manage and scale digital trust

Automation

Boost productivity and reduce manual processes

Interoperability

Solutions integrate with all major CA's, HSMs & cloud platforms.

Flexible Deployment

Deployable on premises, in the cloud or in a hybrid model

Adopted by a global community

KeyFactors's Open-source PKI solutions are widely adopted by thousands of developers

Quantum readiness

At the cutting edge of security

Unsung Ltd

Consultative Approach

Consultative services on full PKI ecosystem; governance, operational & technical.

End to End process

PKI discovery, design, implementation, and service transition activities including training and knowledge transfer.

Breadth of expertise

Expertise and guidance on authentication, encryption, cryptography and post-quantum protection.

Discovery support

Provide Proof-of-Concept or workshop Discovery Services.

Industry best practice

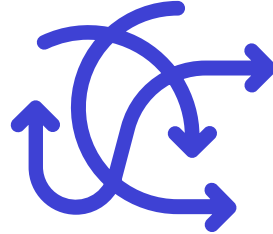
Design & deployment aligned to best industry practice & NCSC guidelines in support of Zero Trust, Cloud Adoption and Big Data.

Interoperability

Hardware Security Modules (HSMs), and associated software

Issuing CA as a Service

Reduced the Complexity and Administrative Burden



Managing a CA infrastructure can be complex and resource-intensive, requiring expertise in cryptographic algorithms, certificate lifecycle management, and security best practices.

Using the issuing CA as a service relieves organizations of this administrative burden, allowing more focus on core business activities.

Features of an Unsong Issuing CA

Strong Security Measures

Industry standards and best practices

Fine-grained Access Control

Auditing and Monitoring Capabilities

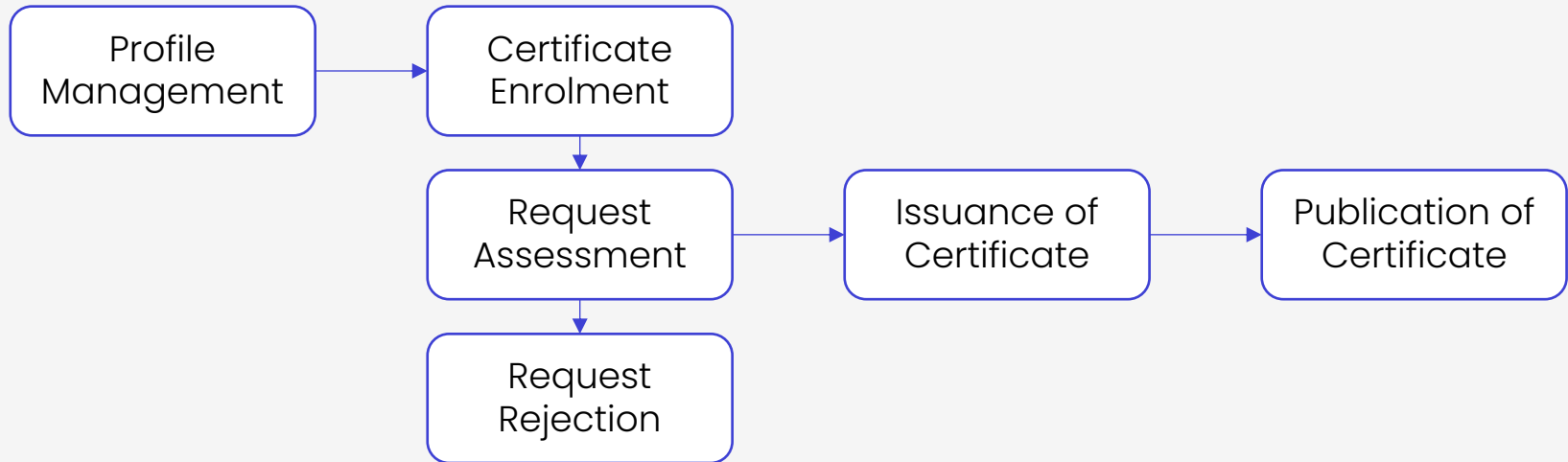
Scalability and Performance

Secure Communication Channels

Robust disaster recovery and high availability mechanisms

Issuing CA as a Service

Processes of an Issuing CA



Benefits



Leverage best practice

Years of experience providing Issuing CA services to a range of clients



Skill set relief

PKI skills are difficult to obtain and keep in organisations. Never worry about having a critical service managed by under skilled staff.