



PKI Solution Design & Delivery

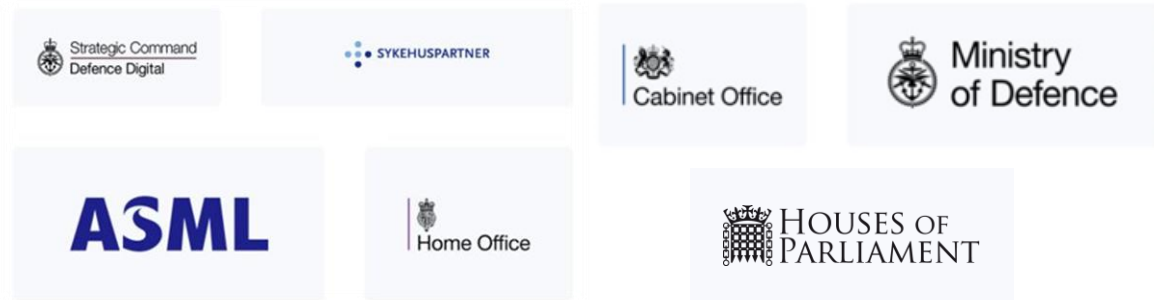
Service Definition Document



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

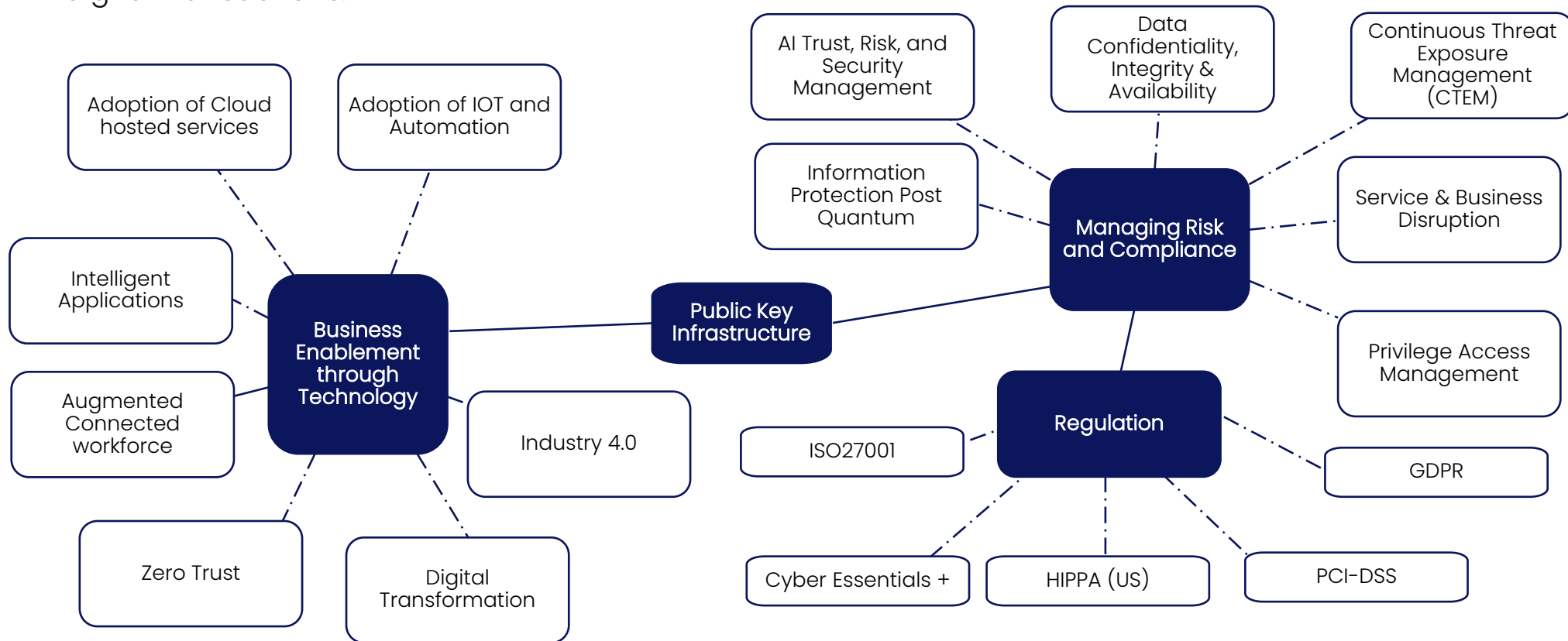
Operating across UK and Europe

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.



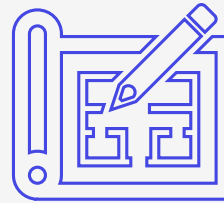
Our Offer

PKI Health Check



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

Solution Design & Delivery



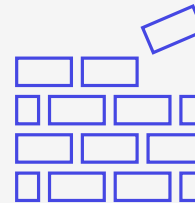
From full scale deployments to the introduction of new PKI capabilities. We provide end to end Design and delivery services.

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.

Solution Design and Delivery

Unsung is a vendor-agnostic professional services company specializing in PKI (Public Key Infrastructure). We guide our clients through every step of their PKI discovery, design, and implementation process, enabling business and technology outcomes.

Our expertise spans on-premise, hybrid and cloud-based cybersecurity, cryptography management, encryption, and authentication. We utilise contemporary design and delivery protocols aligned with industry best practices, technical standards, and security guidelines.

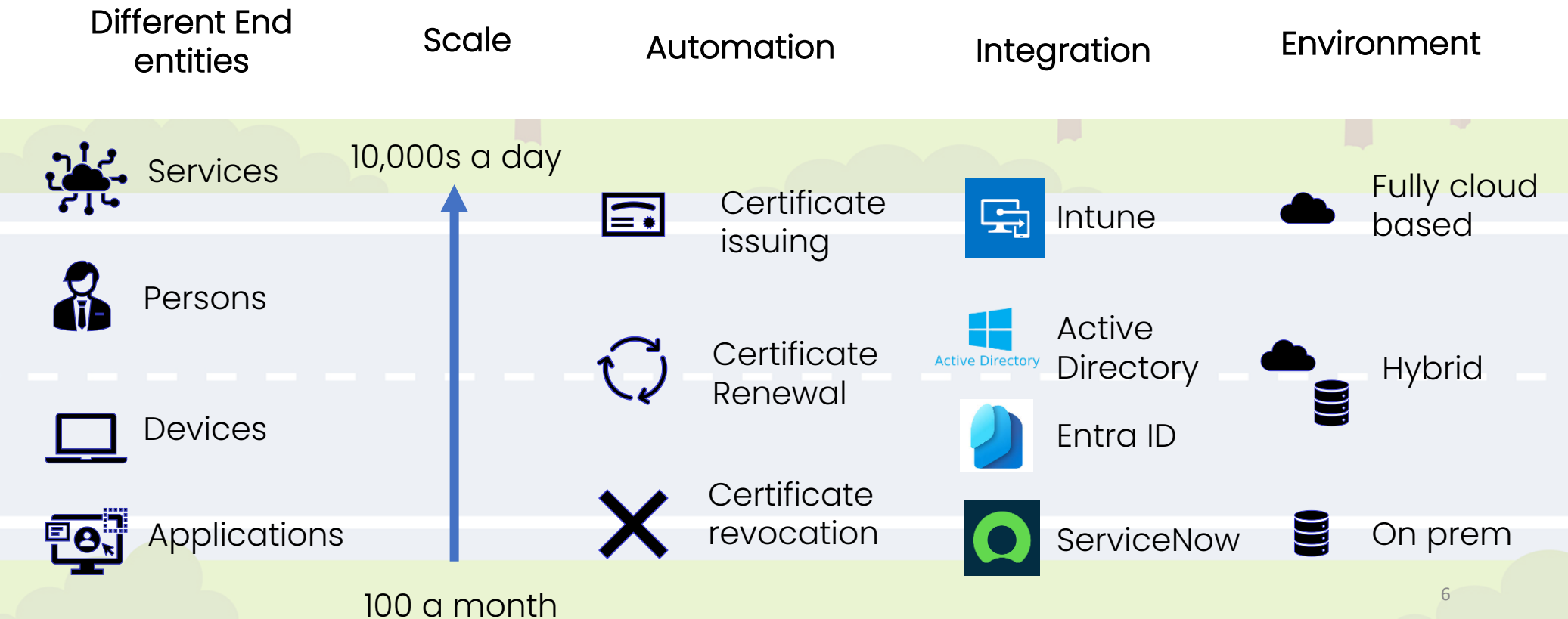


- ✓ Consultative services on full PKI ecosystem; governance, operational & technical.
- ✓ Provide Proof-of-Concept or workshop Discovery Services.
- ✓ PKI discovery, design, implementation, and service transition activities including training and knowledge transfer.
- ✓ Design & deployment aligned to best industry practice & NCSC guidelines in support of Zero Trust, Cloud Adoption and Big Data.
- ✓ Expertise and guidance on authentication, encryption, cryptography and post-quantum protection.
- ✓ Hardware Security Modules (HSMs), and associated software
- ✓ Expertise in Certificate Authority, Registrations Authority, Validation Authority, Encryption.
- ✓ Expertise in Key Management solutions & certificate lifecycle management.
- ✓ PKI Security, Certificate Policy documentation drafting.

The PKI decisions

PKI can come in many shapes and sizes and every organisation's journey is different

Unsung help develop use cases, design cost effective solutions & implement them within the organisations.



Here to support your journey

Benefits

A performant, scalable & compliant PKI encryption & authentication service.

PKI services aligned to industry best practice & Government guidelines.

A vendor agnostic approach to support your specific requirements and cost profile

Reduction of operational costs through automation of certificate management.

Enable Zero Trust architecture and a distributed and heterogeneous trust model.

Quantum resistant PKI solutions.

Reduction and mitigation of information risk through comprehensive protection of business information.

Examples



On-Premise Enterprise PKI

Unsung delivered a fully resilient, highly available enterprise PKI for a new private-cloud hosting platform providing certificate lifecycle management, request/renewal automation and ITSM integration



Certificate Lifecycle Management

Unsung delivered a Certificate Lifecycle Management platform integrating into MSCA and EJBCA Certificate Authorities



Hybrid Enterprise PKI

Unsung delivered a physical offline root CA with cloud-hosted Issuing CA, Registration and Validation authorities alongside a cloud-hosted Certificate Lifecycle Management platform



Obsolescence Remediation

Unsung delivered a new fully resilient, highly available Enterprise PKI platform, migrating legacy CA's and key material onto the new platforms and hardware. We also provided training on the new platforms and lifecycle management roadmaps for all newly delivered components