



Containerized Certificate Authority

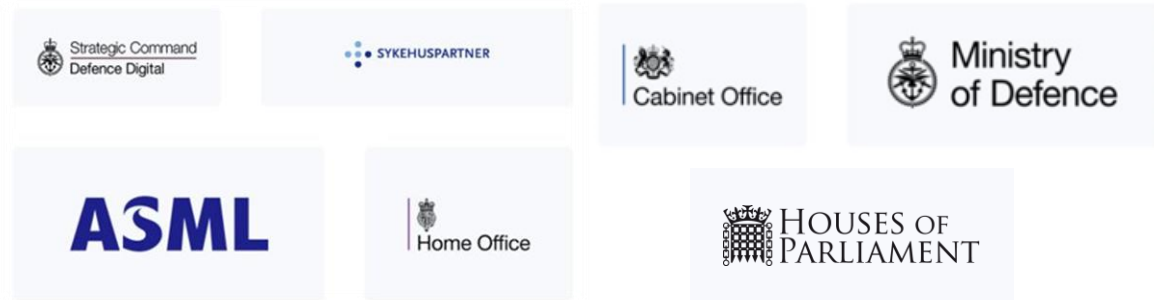
Service Definition Document



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

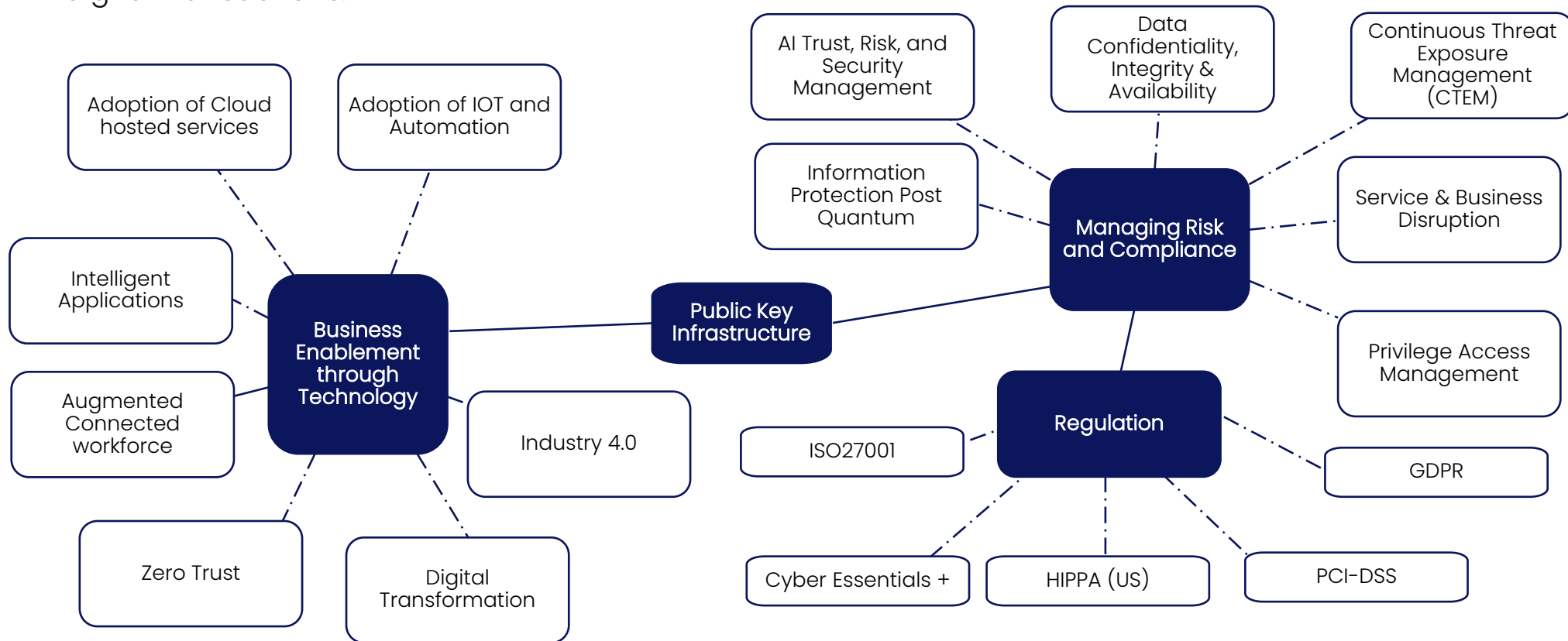
Operating across UK and Europe

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.



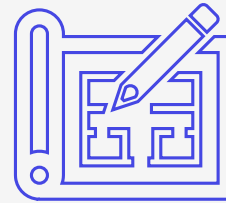
Our Offer

PKI Health Check



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

Solution Design & Delivery



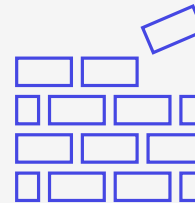
From full scale deployments to the introduction of new PKI capabilities. We provide end to end Design and delivery services.

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

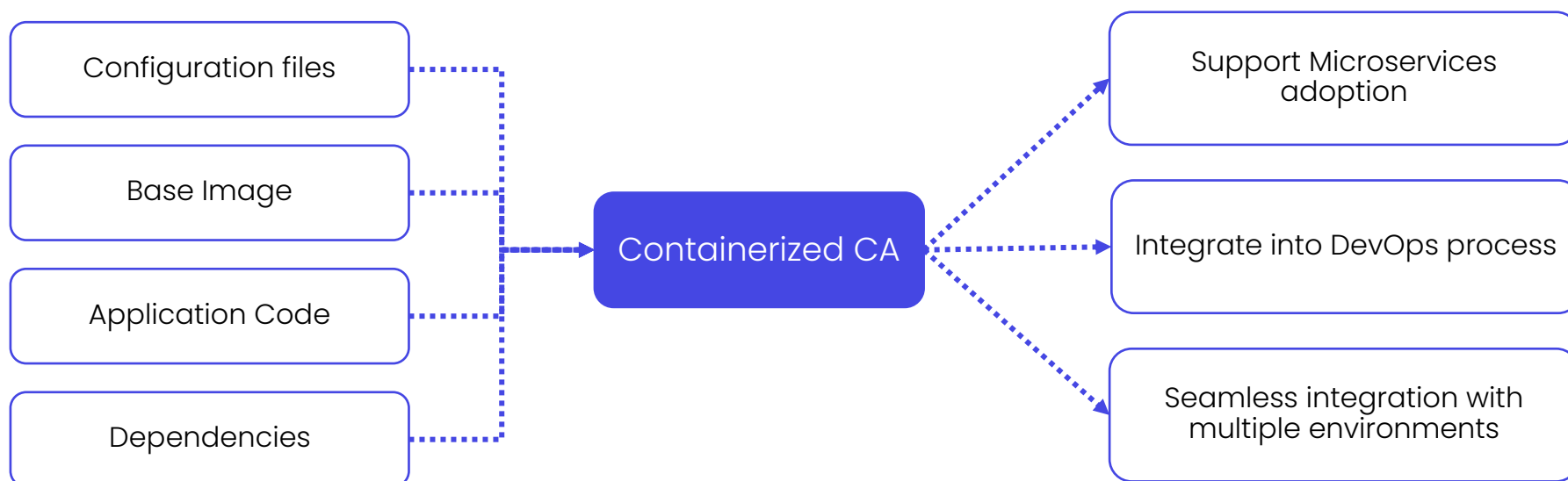
Hardware Security Modules (HSMs), and associated software

Containerized CA



In a world where everything is connected and nothing is trusted, public key infrastructure (PKI) is the proven digital identity solution to enable secure, encrypted, and authenticated connections for every user, device, and workload. But PKI has always been hard, often due to complex and outdated systems that require in-depth expertise and cannot scale with modern use cases.

Containerizing your Certificate Authority ensures that modern business practices can seamlessly integrate PKI into their day-to-day activities



Containerizing CA benefits



Consistency

Consistent deployment of CA across multiple environments



Speed

Quickly spin up or down container instances based on demand



Isolation

Isolation of CA ensures certificate operations are less likely to be impacted by other parts of the environment



Resource Efficiency

Resource efficiency with faster deployment and lower resource overheads



DevOps

DevOps integration, accelerating the software development lifecycle



Seamless Updates

Updates applied to container images, minimising business disruption