



All things PKI

# PKI Health Check

## 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

SC & DV Cleared Consultants

Active within both the Public and Private sector

20+ PKI specialists

Global team operating across EMEA & APAC

Vendor Agnostic

Working relationships across the PKI industry from manufacturers to SME consultancies

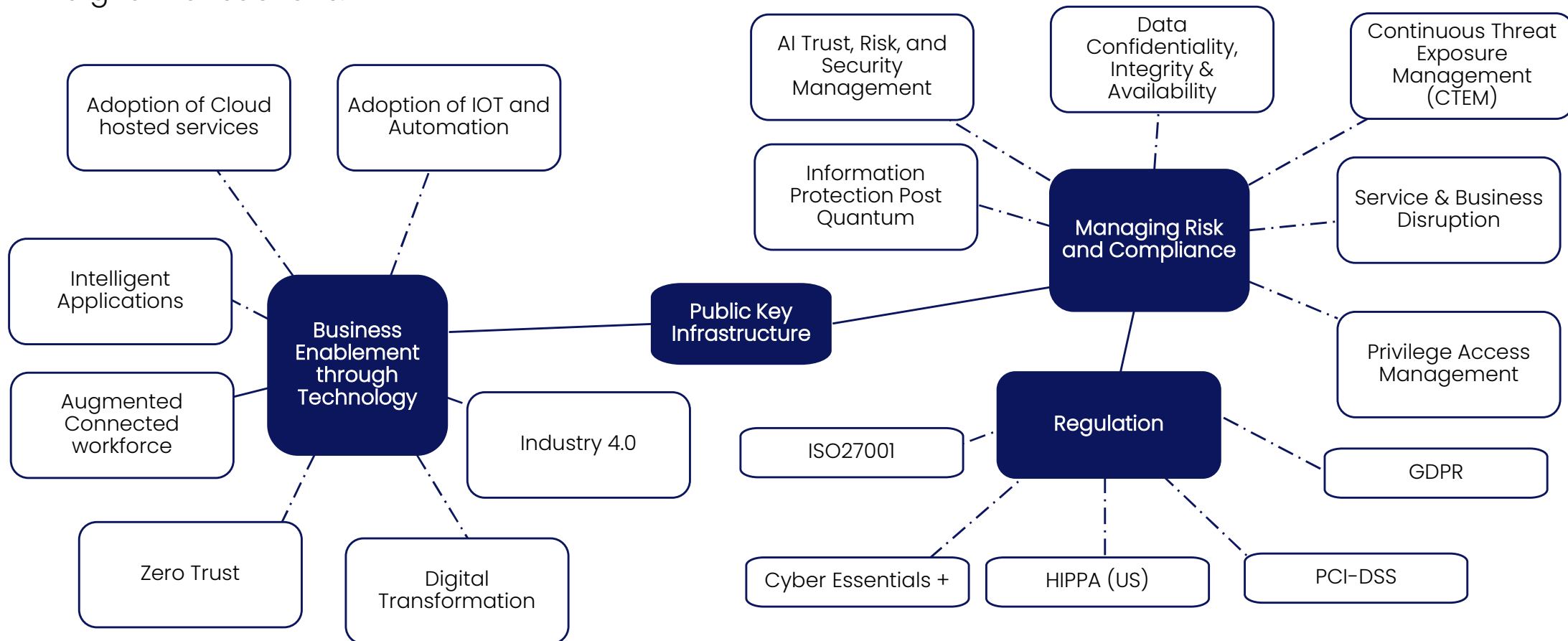


## Our Partners



# 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



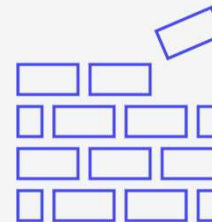
From full scale deployments to the introduction of new PKI capabilities. We provide end to end Design and delivery services.

## 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.

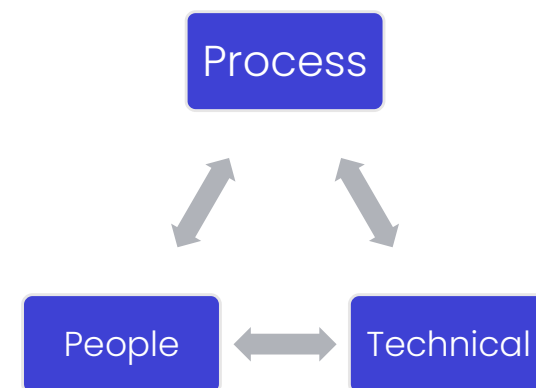
# PKI Health Check

Public Key Infrastructure is a key component in your corporate operation but often seen as dark art.

We provide a comprehensive review of your entire PKI operation to provide you with the information you need to ensure your PKI is:

- Protecting your sensitive and critical information
- Protecting access within your defined risk tolerance
- Providing the non-repudiation you expect

To do this we review the technical, procedural and resource required to run & maintain a PKI system.



## Understand



Extract and evaluate



Architecture



Regulatory needs



The PKI team

## Review



Certificate  
lifecycle  
monitoring



Certificate  
scanning



Physical Security



Backup  
strategy



Revocation check  
systems



Monitoring



Enrolment and  
Certificate  
issuance  
processes



Logical security  
measures



Strategic alignment  
assessment

# A comprehensive report

At the end of the health check, you will receive a comprehensive report detailing key areas that require attention, a list of key risks identified related to your PKI operation and a list of improvement areas/initiatives that we recommend.

The health check is tailorable to your organisation's needs.



Enhance

## Health Check Report

- |                            |  |
|----------------------------|--|
| ● Architecture             | ● Documentation and Process            |
| ● CA Configuration         | ● Certificate enrolment and issuance   |
| ● Revocation Check Systems | ● Certificate Monitoring and Discovery |
| ● Certificate Templates    | ● Strategic Assessment (Optional)      |
| ● Active Directory         | ● Target Architecture (Optional)       |
| ● Backups                  | ● Candidate technologies (Optional)    |
| ● Monitoring & alerting    |  |

## Risk Review

### High Risk items

Items that include those that would result in significant harm to the organisation

### Medium Risk items

Items that should be addressed as they are likely to have an impact on the security posture or operational excellence.

### Low risk items

Items that go against best practice or create inefficiencies including manual processes that could lead to human error.

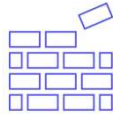
Identify  
Improvement  
Areas



# Service Overview



Health Check



PKI Consultancy



Solution Design &  
Delivery



Managed  
Service

Speak to us about...

- Zero Trust
- Data integrity
- Protection against Cyber threats
- Secure Communication
- Compliance with regulation
- Authentication

## Our Partners

KEYFACTOR

Capgemini

boxxe

making  
technology  
human

REPLY

THALES  
gemalto

PrimeKey  
by KEYFACTOR

Softcat

Fortanix

## Our Customers

Strategic Command  
Defence Digital

SYKEHUSPARTNER

ASML

Home Office

Cabinet Office

Ministry  
of Defence

HOUSES OF  
PARLIAMENT