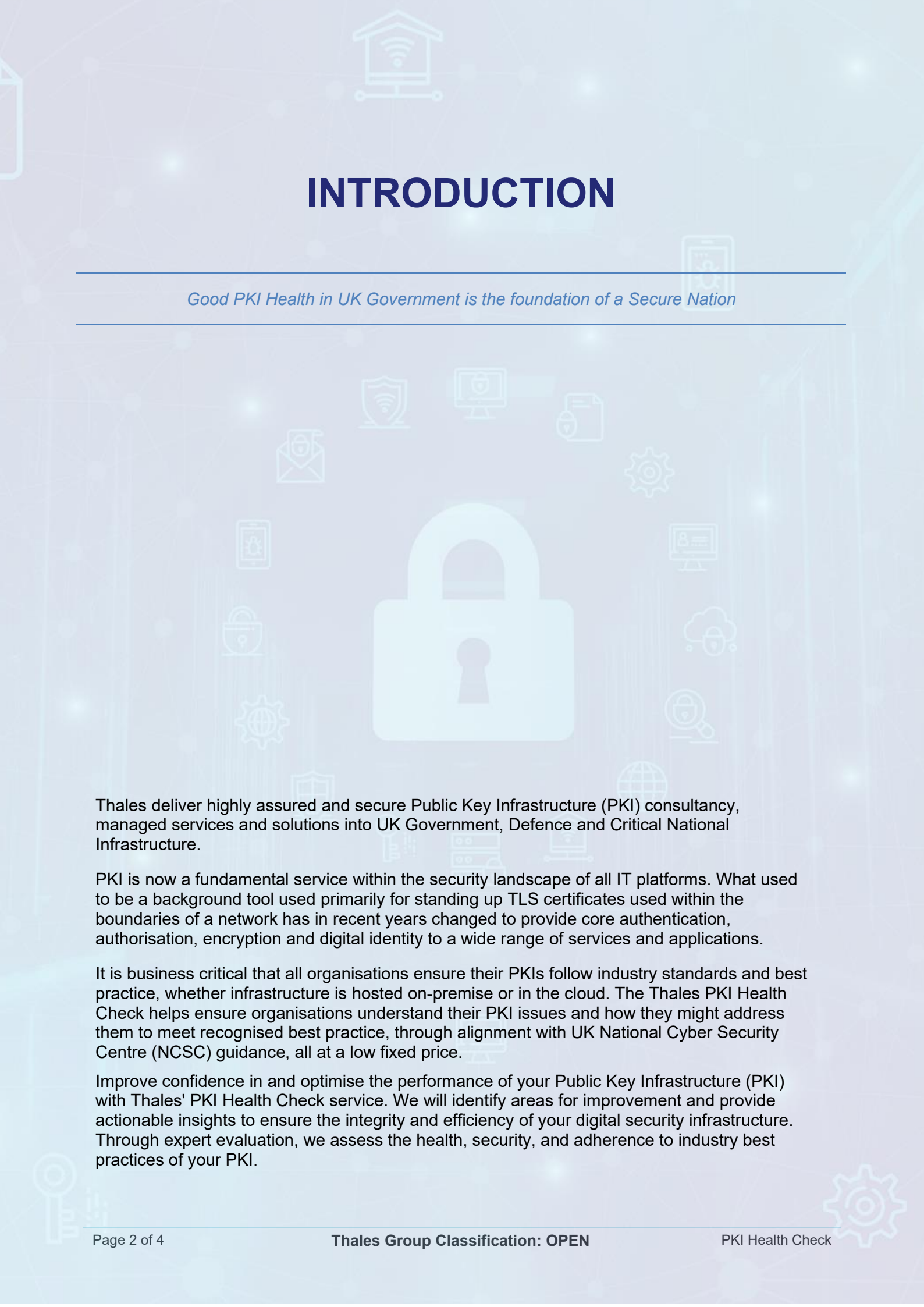




G-Cloud 15 PKI HEALTH CHECK

Doc Ref No: ThalesGC1502



INTRODUCTION

Good PKI Health in UK Government is the foundation of a Secure Nation

Thales deliver highly assured and secure Public Key Infrastructure (PKI) consultancy, managed services and solutions into UK Government, Defence and Critical National Infrastructure.

PKI is now a fundamental service within the security landscape of all IT platforms. What used to be a background tool used primarily for standing up TLS certificates used within the boundaries of a network has in recent years changed to provide core authentication, authorisation, encryption and digital identity to a wide range of services and applications.

It is business critical that all organisations ensure their PKIs follow industry standards and best practice, whether infrastructure is hosted on-premise or in the cloud. The Thales PKI Health Check helps ensure organisations understand their PKI issues and how they might address them to meet recognised best practice, through alignment with UK National Cyber Security Centre (NCSC) guidance, all at a low fixed price.

Improve confidence in and optimise the performance of your Public Key Infrastructure (PKI) with Thales' PKI Health Check service. We will identify areas for improvement and provide actionable insights to ensure the integrity and efficiency of your digital security infrastructure. Through expert evaluation, we assess the health, security, and adherence to industry best practices of your PKI.

USE CASE

The foundation of security within IT and OT networks: government Departments need total assurance of core data security to enable resilience against all types of attack. Departments requiring authentication or running a Zero Trust Network will rely on PKI as its foundation, giving Identity and Access to trusted parties only.

You can elevate the security and reliability of your PKI with Thales' PKI Health Check service - a comprehensive assessment that ensures the integrity and efficiency of your PKI, identifies vulnerabilities, and provides personalised recommendations to enhance performance, compliance, and overall confidence in your digital security ecosystem.

SERVICE DESCRIPTION

Features

- Dedicated, security cleared, Public Key Infrastructure (PKI) consultants, evaluation, report and assessment against 12 key areas of consideration regarding PKI design, deployment and procedural support
- Covers PKI Design, Key protection, Availability, Certificate Registration, Authentication, Certificate Lifecycle, Certificate Authority (CA) Hierarchy, Certificate Automation, Monitoring, Offline Root CA Policy, Cryptographic Algorithms, Revocation Policy
- Follows the latest NCSC and industry guidance

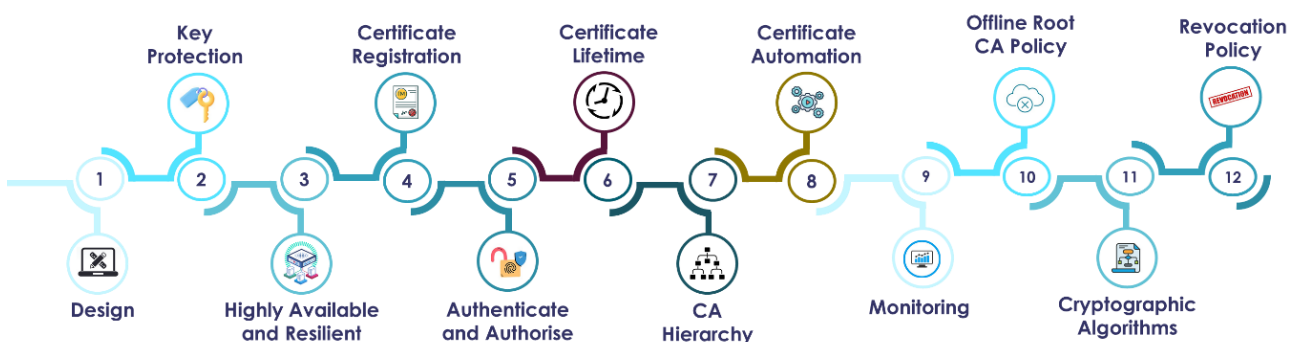
Benefits

- Builds confidence in PKI operations and implementation and in achieving specific framework assurance or compliancy against best practice standards and regulations.
- Written, actionable Health Check report and RAG status provided

DETAILED SERVICE OVERVIEW

The Thales PKI Health Check enables businesses to perform varying level of assessments against their deployed service and its associated policies and procedures to ensure both the governance and deployment follow industry best practice and align to the common PKI security frameworks. The PKI Health Check provides information that will enable customers to optimise their Enterprise PKI and help sustain the integrity of the service.

Our 12 key areas of alignment against NCSC guidelines:



A Thales PKI expert will review your PKI solution and supporting documentation such as a Certificate Policy and the Certification Practice Statement that describe what is in place and how the PKI service is supported.

ABOUT THALES

Thales in the UK has been harnessing technology to benefit the nation for over a century. Across all walks of life, you will find us securing and protecting every moment. We develop world-leading capabilities to help our customers think smarter and act faster.

Thales collaborate with partners in both government and industry, providing cutting-edge technologies to the civil and defence markets.

Thales has a significant presence across the UK, with locations strategically positioned in England, Wales, Northern Ireland, and Scotland. This geographic reach enables us to effectively support the diverse needs of local communities while contributing to the economic prosperity of all four nations. Our key facilities, along with several customer-facing sites, extend from the South West of England to Glasgow, reinforcing our commitment to regional investment and development.

The most trusted organisations in the world rely on Thales for cybersecurity solutions that keep critical assets safe. With more than 6,000 cybersecurity experts worldwide, our portfolio protects applications, data and identities, including services that close compliance gaps, detect and monitor threats and strengthen defences.

For further information, please see <https://www.thalesgroup.com/en/worldwide/united-kingdom>

