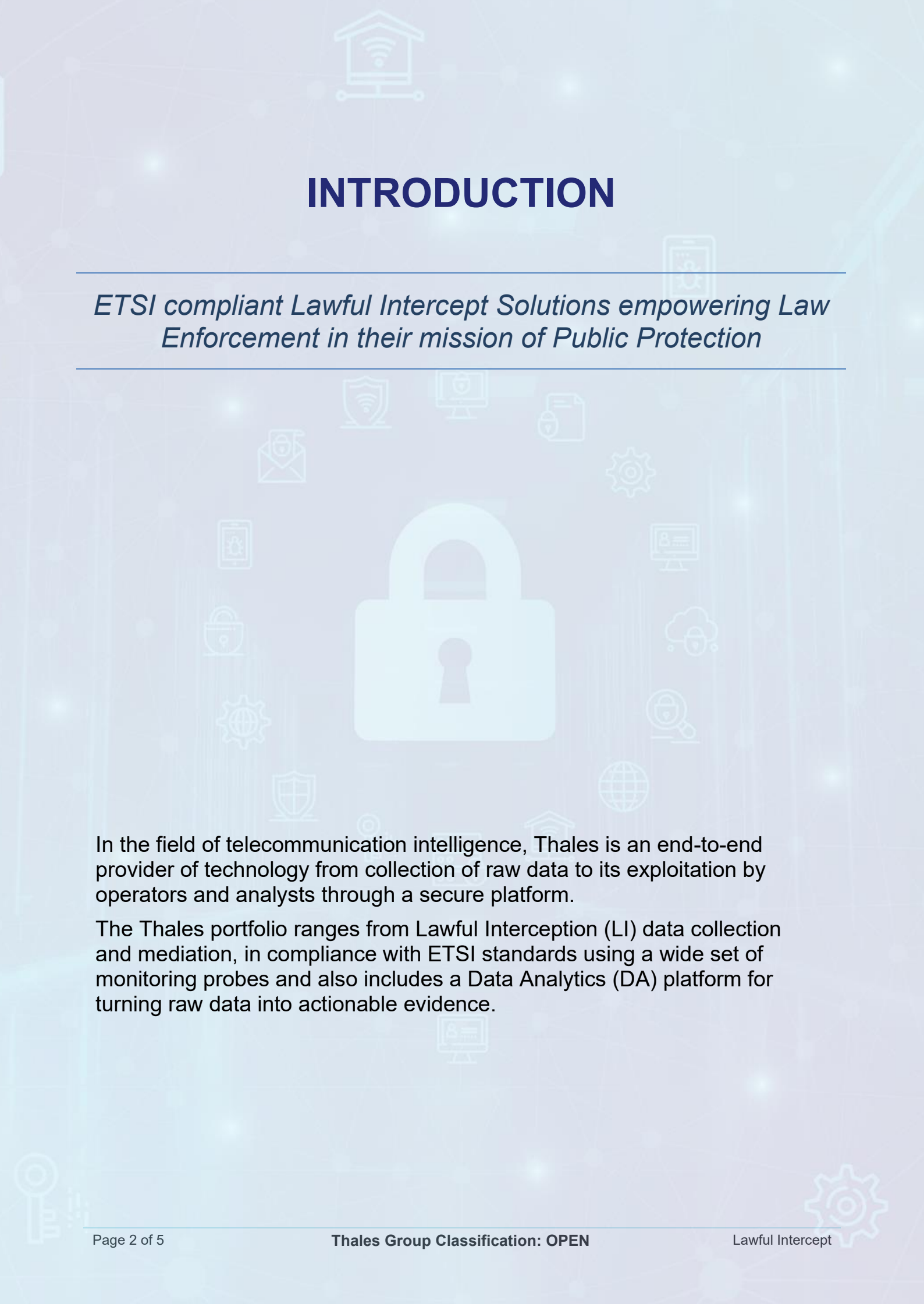




G-Cloud 15 LAWFUL INTERCEPT

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INTRODUCTION

ETSI compliant Lawful Intercept Solutions empowering Law Enforcement in their mission of Public Protection

In the field of telecommunication intelligence, Thales is an end-to-end provider of technology from collection of raw data to its exploitation by operators and analysts through a secure platform.

The Thales portfolio ranges from Lawful Interception (LI) data collection and mediation, in compliance with ETSI standards using a wide set of monitoring probes and also includes a Data Analytics (DA) platform for turning raw data into actionable evidence.

USE CASE

Thales LI and DA Solutions enable a comprehensive system for transparently intercepting real-time information from voice, data and multimedia communications over any type of network.

Allows telcos to fulfil their Lawful Interception regulatory obligations while enhancing their capability to support new data speeds and throughput associated with 5G.

Integrated with all major network equipment and monitoring facility providers to enable Law Enforcement and Government Agencies to meet their obligations for public protection.

SERVICE DESCRIPTION

Features

- **Lawful Interception Management System (LIMS):** Comprehensive system for intercepting real-time information from targeted voice, data and multimedia communications over any type of network
 - LIMS compliant with 3GPP and ETSI standards
 - Connection with Mobile Network Operators and Communication Service Providers networks to activate warranted intercepts according to legislative obligations
 - Capability to support new data speeds and throughput associated with 5G
 - Complies with highest security standards
- **Law Enforcement Monitoring Facility (LEMF):** Highly customizable data analytics platform for authorized government investigators to create actionable evidence leads
 - Various critical data merging, evaluation and exploitation in real-time
 - Tailoring capability to adapt software platform to investigation processes
 - User habit analysis
 - Geo-fencing investigations
 - Protocol recognition smart engine for traffic characterization

Benefits

- End-to-end set of solutions from telecommunication monitoring probes to the investigation interface to support government departments
- Allow government departments to carry legal duty while protecting society against crime and terror
- Meet regulatory requirements for monitoring
- Highly customizable investigation platform for LEA and other government departments
- Versatile, user-centric platform design
- Off-the-shelf LIMS solution benefiting from several successful deployments within 40 countries and 90 customers worldwide for the past 25 years
- Gather LI and 3rd party data inside the same smart platform for generating cross analysis production
- Cost effective solutions that are modular and evolving over the time to adapt network and operations changes
- Access rights configurability for LEMF users depending on the administration policy
- Exhaustive access logs allowing security audit of the system usage

DETAILED SERVICE OVERVIEW

- **Fulfil LI obligations**

As a scalable solution, compliant with 3GPP and ETSI LI standards, it ensures telcos to efficiently answer their LI needs.

Support for all telecommunication services (from legacy voice services to high-speed internet access over fixed or mobile networks).



- **Easy integration**

Fully integrated with network elements from major network equipment vendors and can also utilise probe-based (passive) solutions when preferable.

- **Simplify LI operations**

Our experts can help design the best solution according to telco's architecture.

Can act as central point for all LI activities and managing all telco networks or serve as an Umbrella manager for other mediation systems.

- **Reduce CAPEX & OPEX costs**

Based on off-the-shelf hardware, it is scalable and modular as telco grows in capacity or adds more networks. It is ready for 5G and virtualization.

All elements share the same architecture and operational processes, as such they are easy to install, configure and to upgrade.

- **A trusted, long-term partner**

Thales has been providing mediation systems for the last 25 years, worldwide. our network experts actively participate to ETSI and 3GPP standards and provide strong support to design and deployment of the LI solution.

- **5G identity association**

5G Identity Management ensures the association of permanent and concealed identifiers across 5G Stand Alone networks. Identity Query Function (IQF) and Identity Caching Function (ICF) are available either integrated to telco' LI solution or as an independent deployment.

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>


Aerospace


Defence


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