

On May 21, 2025, the Central Institute of Forensic Science (CIFS), under the Ministry of Justice, signed a contract with CDG Systems Ltd. (a member of the CDG Group) to deliver **Thales' advanced biometric identification solution, CABIS**, under the technical partnership with Thales DIS (Thailand) Ltd., a subsidiary of the Thales Group.

CABIS was selected as the core technology following a competitive procurement process involving multiple international biometric solution providers. These vendors participated in a Proof of Concept (PoC) to evaluate software performance before the final selection.

The computerized automated biometric identification system is designed to support up to **200,000 biometric records**, with a three-year post-deployment support service commencing from the acceptance date of the final project milestone.

The deployment of CABIS marks a significant step forward for CIFS in leveraging the latest biometric technologies to enhance fingerprint, palmprint, and facial image identification, as well as person verification capabilities for forensic experts. The system is expected to greatly support the investigation and verification of missing persons, unidentified persons, and unidentified human remains. The implementation is aligned with the Prime Minister's Office Regulation on the Support for the Investigation of Missing Persons and the Identification of Unidentified Persons and Human Remains, B.E. 2564 (2021). CABIS will streamline the forensic identification process, ensuring faster, more accurate, and secure handling of sensitive personal data, and will enhance operational effectiveness at the CIFS.

About the Central Institute of Forensic Science (CIFS)

The Central Institute of Forensic Science (CIFS) is a national forensic authority under Thailand's Ministry of Justice. Established in 2002 and governed by the Forensic Science Services Act of 2016, its mission is to support the criminal justice system through scientific analysis and expert forensic services. CIFS handles crime scene investigations, laboratory analysis, and manages a central DNA database to help identify offenders and link crimes. It collaborates with both domestic and international partners, including the FBI, academic institutions like the Asian Institute of Technology, and agencies like the Department of Special Investigation (DSI), to enhance forensic standards and capabilities.

CIFS also plays a humanitarian role by helping to identify missing and stateless persons, often using DNA testing to assist with Thai citizenship claims. It participates in international efforts to promote best

practices in investigating human rights violations, including enforced disappearances. The institute provides training, conducts research, and develops forensic innovations in fields like digital forensics and virtual autopsy. Overall, CIFS aims to strengthen the fairness and transparency of Thailand's justice system through reliable and science-based forensic evidence.

Thales' long-standing history with the Kingdom of Thailand

Thales (Cogent Systems Inc. then) delivered its first automated biometric identification system to the Royal Thai Police in 1993. Over the past three decades, this infrastructure has been continuously expanded, most recently in 2023, to accommodate the growing database and increasing workload demands. Today, it operates as a nationwide system, connecting the Central Forensics Division, 12 Forensic Science Centers, and 140 police stations.

Thales' presence in Thailand extends well beyond forensic biometrics. The company currently employs nearly 700 people in the country, 90% of whom are Thai nationals. These professionals provide digital expertise and smart solutions across multiple high-value sectors.

As a long-term strategic partner of the Thai armed forces, Thales has supported national defense initiatives for over 50 years. The company equips 80% of the Royal Thai Navy's fleet with advanced above-water and underwater defense systems. It also supplies the Royal Thai Army with electronic warfare equipment, combat management and communication systems, and surveillance radars. For airspace protection, the Army relies on Thales' air defense system, which includes the world's fastest very-short-range air defense missiles and lightweight multi-launch platforms.

Thales is also Thailand's leading provider of banking and payment solutions, offering a wide range of cards, services, and digital security products. Thai banks and institutions rely on Thales' cloud protection systems and hardware security modules to safeguard the entire transaction value chain.

In the field of identity documents, Thales was awarded a contract by the Ministry of Foreign Affairs in 2018 to produce 15 million e-passports over a seven-year period. These passports comply with the highest security standards set by the International Civil Aviation Organization, making them among the most secure in the world.

In the space sector, Thales delivers cost-effective solutions for telecommunications, navigation, Earth observation, space exploration, and orbital infrastructure. In 1997, Thales launched the Thaicom 3 satellite, which provided satellite television and internet access to Thai citizens for over a decade. Its successor, Thaicom 5, launched in 2006, continues to deliver communication services across the Asia-Pacific region.