An ITEA Security and safety project

SINTRA

Security of Critical Infrastructure by Multi-Modal Dynamic Sensing and AI

Project summary

Stakeholders of critical industrial and civil infrastructure frequently suffer from the disruptions caused by an overwhelming diversity of man-made physical safety and security threats. SINTRA aims to improve the resilience and protection of these critical infrastructures by developing an open data-streaming AI platform that enables interoperability, information sharing, and privacy protection. Using multi-modal sensing and AI-powered data analysis, it will provide a comprehensive view of the infrastructure's safety and security and detect complex anomalies.

Consortium

Netherlands
Avular
BOSCH
TU/e Eindhoven University of Technology
MantiSpectra
omnes
PORT OF MOERDIJK
SafeCity
Sorama
ViNotion

Belgium
AIRobot
SITE
CITYMESH
Macq
sensolus
sirris
SKYEBASE

Finland
ABLOY
HOXHUNT
jamk
KEMIN SATAMA
secapp
2NS Second Nature Security
SENSOAN
TELESTE
JYVÄSKYLÄN YLIOPISTO UNIVERSITY OF JYVÄSKYLÄ

Türkiye
ALPATA TEKNOLOJİ
ARDGRUP
Koçtaş
inosens
KoçSistem
TAV TECHNOLOGIES

Project website

SCAN ME

https://sintra-ai.odoo.com/

SINTRA Project > Overview

Project duration
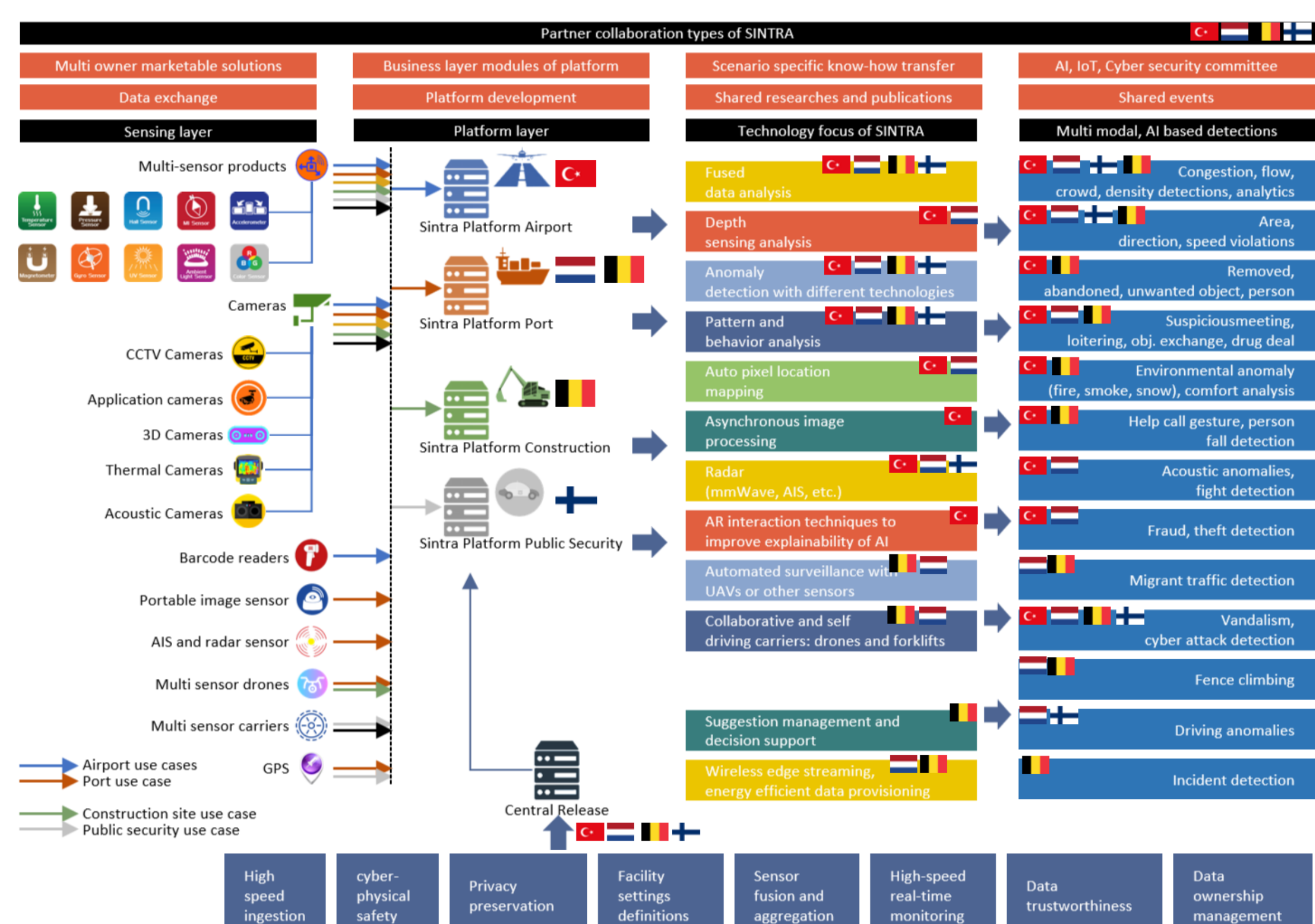
January 2024 - December 2026

Expected key results

> Establishment of the methodology for privacy-preserving AI-based security systems will enable large-scale business growth in this domain

> The plug-and-play SINTRA platform will help to reduce the partner maintenance and technology upgrade costs

> The project results allow partners to enter the opening market of full-fledged security and monitoring solution

Contact

Egor Bondarau
TU/e, The Netherlands
E: e.bondarev@tue.nl

Project leader

Gökhan Koç
TAV Technologies, Türkiye
E: gokhan.koc@tav.aero

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