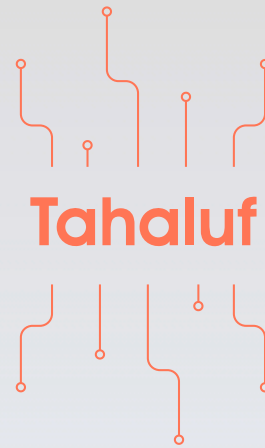


# Problem Statements

Cohort 2026/2027



1

## Sovereign Biometric Identity

Multi-modal biometric matching across iris, face, and fingerprint, including capture-on-the-move and ICAO - conformant processing built for sovereign-grade identity systems.

2

## On-Device Identity Verification (KYC/KYB)

On-device document intelligence, liveness detection, and digital identity verification, with OCR for travel and ID documents to enable fast, private KYC and KYB.

3

## Edge Computer Vision

Edge-optimized computer vision and smart CCTV that run where the data is, including synthetic data generation for training in air-gapped environments.

4

## Real-Time Video Intelligence

Behavioral anomaly detection, crowd sentiment, and retail analytics drawn from live video feeds in real time.

5

## Industrial & Edge IoT

Plug-and-play IoT modules and industrial edge computing, including indoor asset and people tracking for operational environments.

6

## Agentic AI for Operations

Multilingual voice call-center agents and support co-pilots, paired with enterprise guardrails and AI governance for safe, accountable deployment.