

Company Profile

Turkey's **National** Communication Power

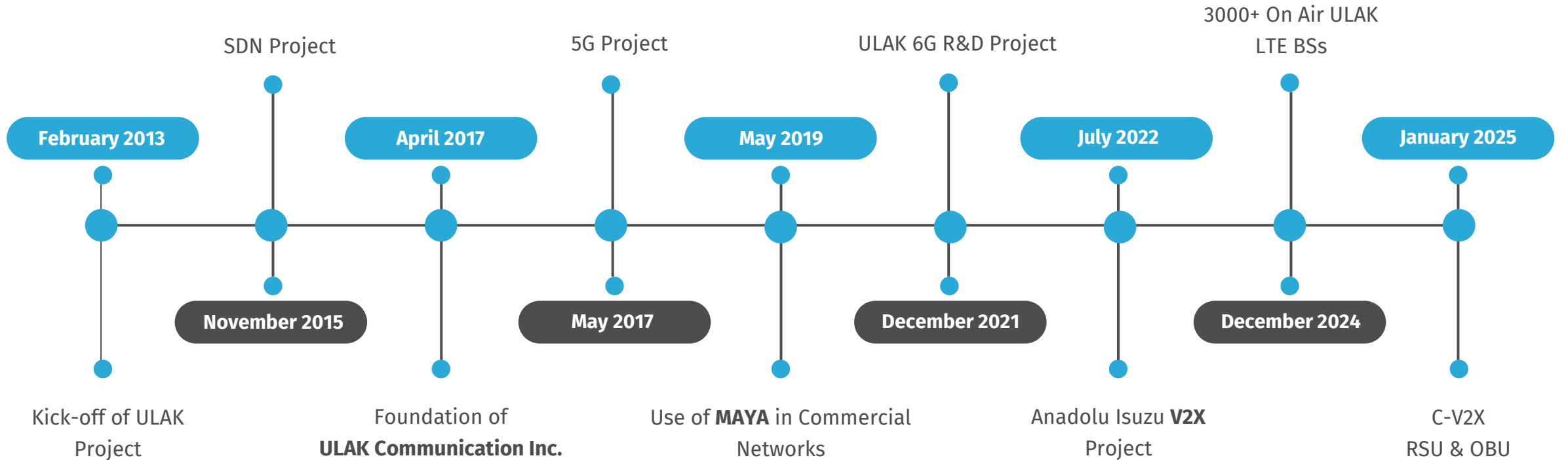




About ULAK Communications Inc.

ULAK Communications Inc., established in 2017 by SSTEK Defense Industry Technologies Inc., focuses on R&D, production, and services for mobile and broadband communication systems. It supports commercial network operators with solutions in development, integration, sales, and maintenance.

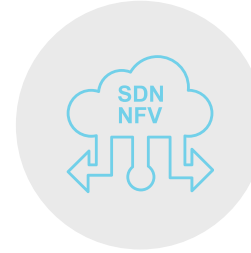
History and Milestones



Our Scope



ULAK 4.5G / 5G
Base Station



ULAK 5G MAYA
SDN/NFV



ULAK 5G ÇINAR
Core Network



VERTICAL APPLICATIONS
V2X, Public Safety, Private
Network

V2X Solutions

- Hardware Development (RSU & OBU)
- ETSI Compatible Scenario Development Studies
- SimX Software (Application Software)
- Software and Hardware Testing Capabilities
- System Engineering

Anadolu Isuzu Project

Sahra Project

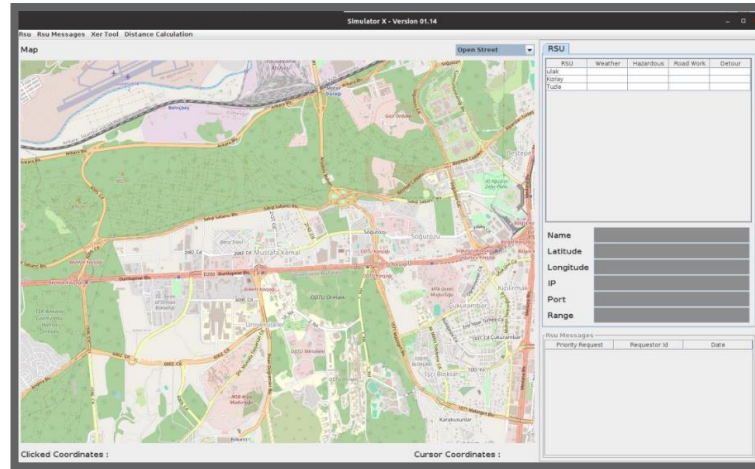
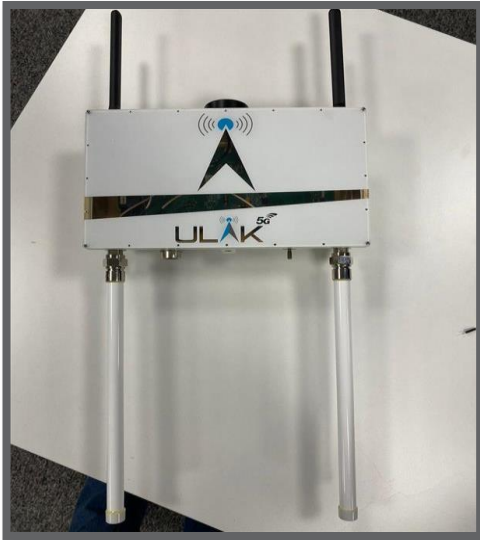
Karınca Project

Suit Project

Eco-mobility (EU Project)

High-connects (EU Project)

Hamle Investment Incentive

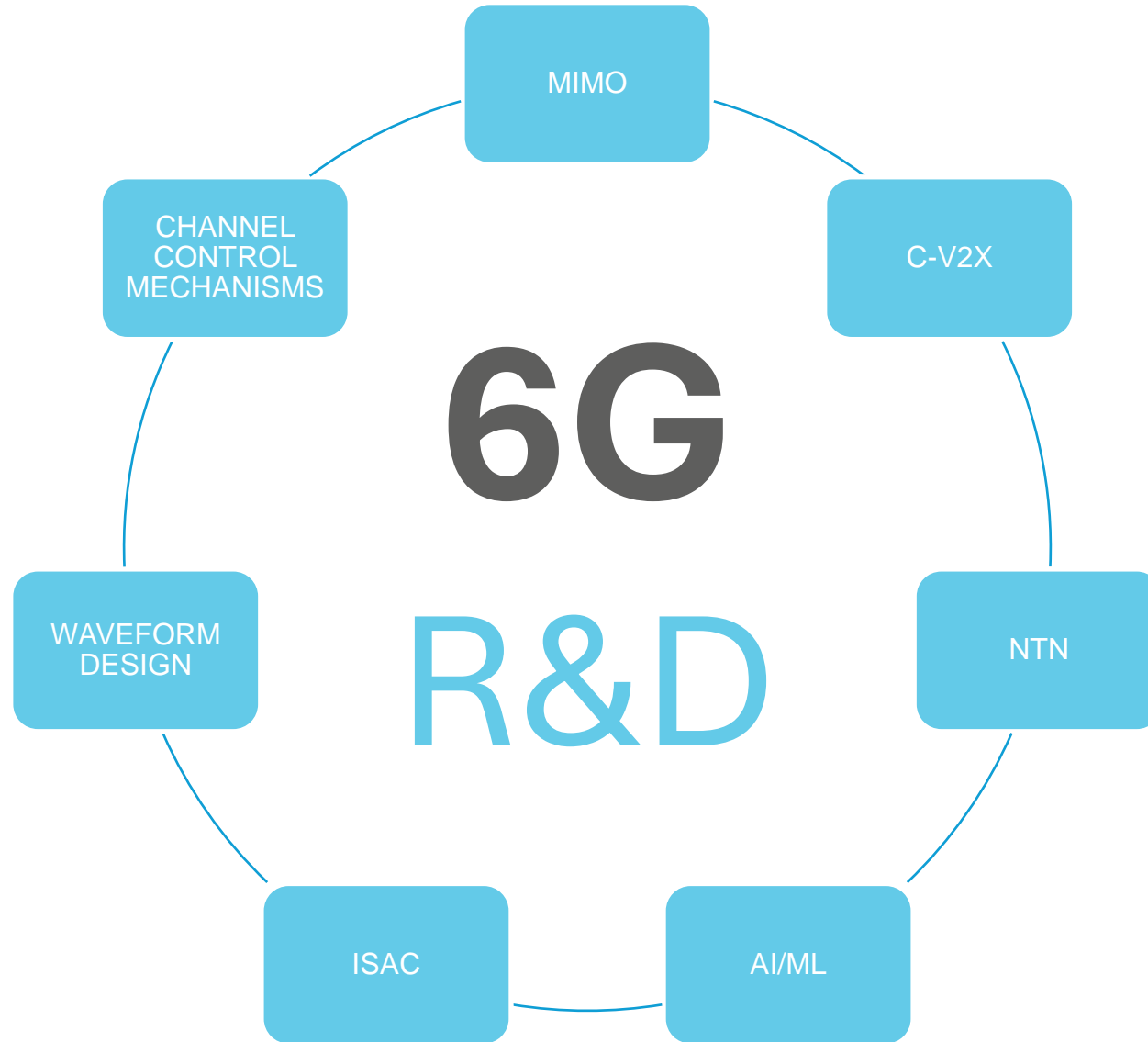


UAV-Based 4.5G Communication

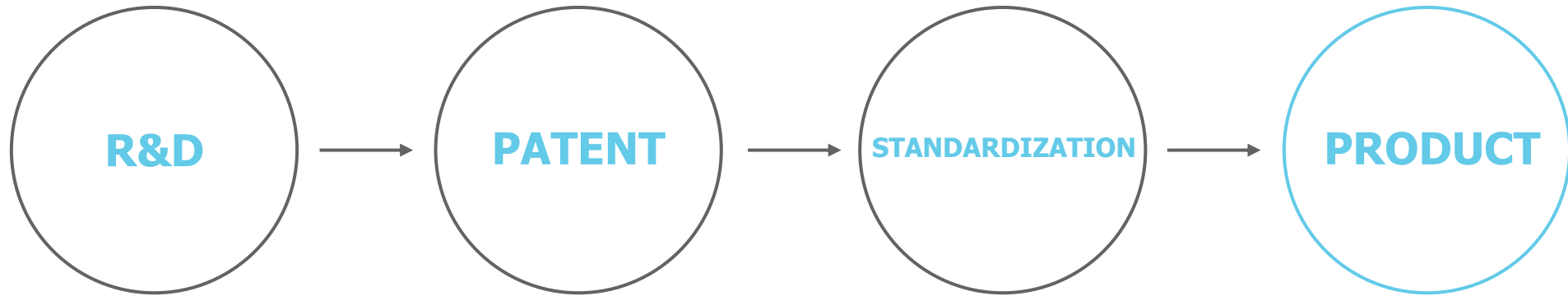
The project integrates the domestically developed ULAK 4.5G base station into the ANKA UAV, part of the Turkish Armed Forces' inventory.

- Provides complementary communication in limited or unavailable network scenarios.
- Functions in private, public, and military networks.
- Private mode ensures secure, uninterrupted video, voice, and data transmission.
- Operates independently without relying on operators or existing networks.
- Addresses the need for reliable communication in mission-critical tasks.





6G R&D TEAM



IPR
Ownership



Academy & Industry
Collaboration

6G

Focus Areas
Standardization Activities
Product Development

Potential Collaborations

Collaboration opportunity in the following projects:

Stream B – Advanced Research for 6G & Disruptive Technologies

- ❑ HORIZON-JU-SNS-2025-01-STREAM-B-01: Disruptive Technologies for 6G
 - ❑ SNS-2025-01-STREAM-B-01-01: Advanced Architectures Systems and Technologies
 - ❑ SNS-2025-01-STREAM-B-01-02: Advanced IoT and Device Technologies
- ❑ HORIZON-JU-SNS-2025-01-STREAM-B-02: Wireless Communication Technologies and Signal Processing – Standardisation and Follow-up/PoCs
- ❑ HORIZON-JU-SNS-2025-01-STREAM-B-03: Communication Infrastructure Technologies and Devices – Standardisation and Follow-up/PoCs
 - ❑ HORIZON-JU-SNS-2025-01-STREAM-B-03-01: 6G NTN-TN Unification/Integration

Stream D – Trials & Pilots with Verticals

- ❑ HORIZON-JU-SNS-2025-02-STREAM-D-01: SNS Trials and Pilots (T&Ps) with Verticals

THANK YOU

Looking forward to working with you!

Contact

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