



This project is co-funded by the European Union
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Description of the Organisation

TİGA is a health technology SME, established in 2007, headquarters and R&D Centre in Ankara with offices in London, Tallinn, Doha and Riyadh. We invest ~30% of our revenue in R&D, and over 18+ years have built a proven track record of national-scale deployment — recognised with the UN WSIS Prize and NHS Partnership Framework Supplier status.

Although healthcare is at the heart of what we do, our expertise goes beyond healthcare — we apply our technologies and R&D capabilities to challenges across different sectors.



Let's Shape the Future Together!

A Comprehensive Digital Health Ecosystem

80K+

Healthcare
Facilities

246K+

Physicians

125M+

Patients

2M+

Daily
Prescriptions

250M+

Daily
Transactions

76M+

Active
Users

10B+

Health
Records
Processed

35B+

Total
Pharmaceuti-
cals



eGovernment Benchmark Report

European Commission "Digital Decade 2024: e-Government Benchmarking Report" – Türkiye's Digital Health Success with Tiga

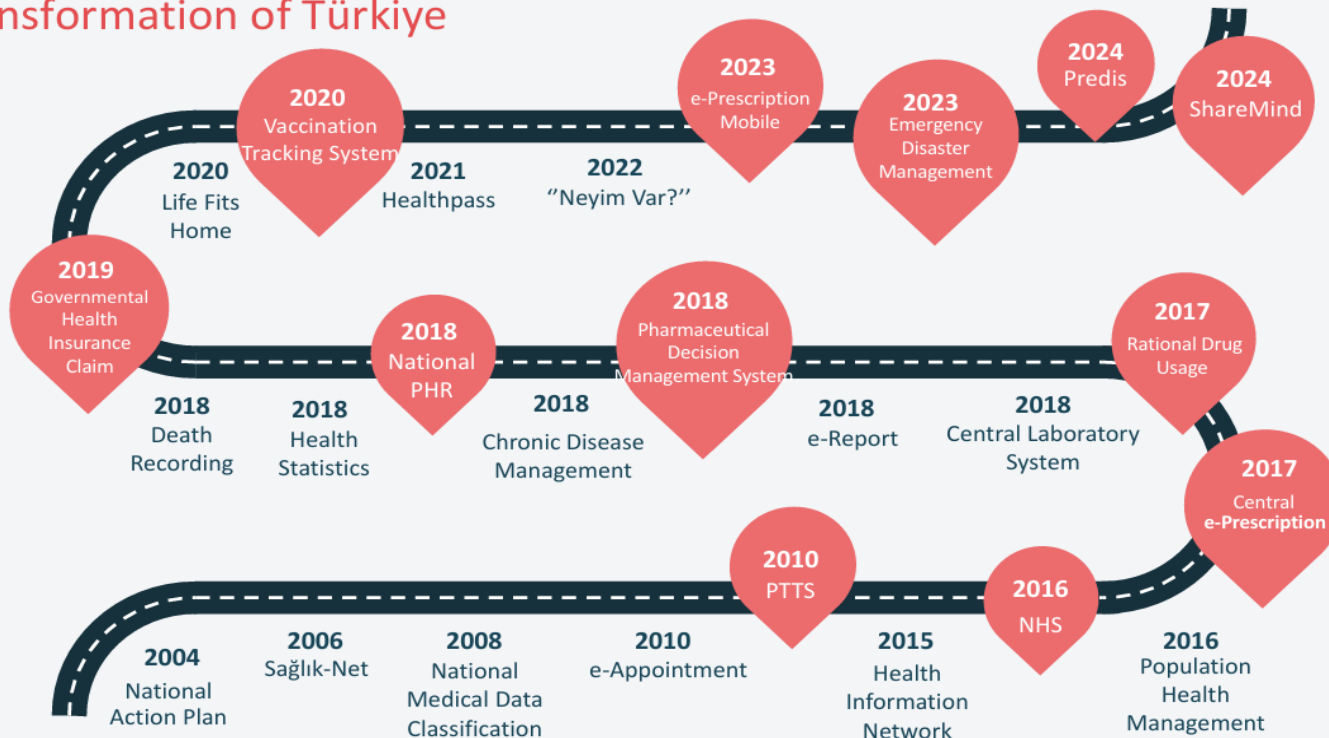


Description of the Organisation

Türkiye's digital health transformation began in 2004 with a national plan to unify healthcare data.

Since then, TİGA has driven this transformation — **Pharmaceutical Track & Trace, National Healthcare System, PHR, e-Prescription**

Digital Health Transformation of Türkiye



Today, our solutions reach **more than 125M + people** across Türkiye, Saudi Arabia and Qatar, and recognised by the **United Nations**.

We don't just develop technology; we know how to deploy it at national scale — we keep innovating through R&D for tomorrow's technologies



Your Teams' Expertise

We develop secure, interoperable digital health solutions — combining healthcare expertise with AI, data analytics and advanced health IT, built on international standards for privacy, cybersecurity and quality.

Global Standards & Certifications:

CMMI Level 3 · ISO 27001 · ISO 9001 · ISO 31000 · ISO 14001 · ISO 22301 · ISO 20000-1 · ISO 45001 · ISO 55001 · ISO 10002

Healthcare & Interoperability Standards:

HL7 · FHIR · SNOMED CT · ICD-10/11 · LOINC · RxNorm · HIPAA · GDPR



Our Products:



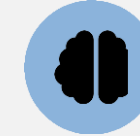
Interoperability / HIE

FHIR Stack, Enterprise Master Patient Index (eMPI), Terminology Server, Clinical Viewer 360



Prescription & Medicine

Central e-Prescription, e-Pharmacy, Drug Data Management



AI & Analytics

ShareMind (AI Platform for Health), Predis, Autonym



Patient Engagement

Personal Health Record (PHR), e-Appointment, e-Referral



Drug Traceability

DrugXafe (Pharmaceutical Track & Trace System), DrugXafe Mobile App, Aggregation Management System



Population Health

Health Analytics & Reporting, Chronic Disease Management, Predis



Personalized Healthcare

Mobithera (Remote Physiotherapy & Ergotherapy App)



Hospital Information System

Clinical Solutions, Administrative Solutions



TÜBİTAK

TÜBİTAK Supported Projects

Oncolab, Mobithera - Remote Physiotherapy Platform, Autonym and DMEK-Track



Celtic-Next's Supported Project

Future Intelligent Quality Assurance for Release Enhancement Project (fiQare)

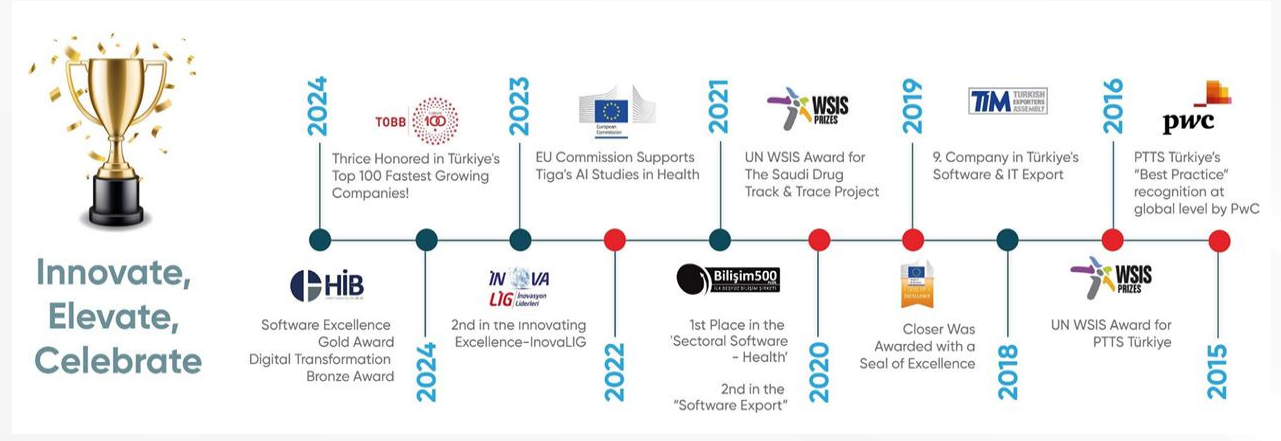


Membership in the 'Big Data Value Association' (BDVA)



European Commission Recognition

The 'Closer' project (Smart Home Care System for the Elderly) was awarded the 'Seal of Excellence'.



Artificial Intelligence & Data Analytics

- Clinical decision support
- Predictive risk models
- LLMs & NLP
- Synthetic data generation



Health Interoperability & Digital Platform Engineering

- FHIR & SNOMED CT
- National-scale health IT
- Full-stack platform development



Personalised & Remote Digital Health Solutions

- Digital therapeutics
- Remote monitoring
- Mobile rehabilitation
- Patient-centred apps



Privacy-Preserving & Regulatory-Compliant Data Systems

- GDPR-compliant anonymisation
- Federated learning
- Biomedical image/data analysis
- Reproducible research tools

The research fields represent our core areas of expertise; we also welcome discussions on broader thematic areas where our technical and research capabilities may contribute.

Clusters & Themes of Interest (Horizon Europe):

- Cluster 1 – Health
- Cluster 2 – Culture, Creativity and Inclusive Society
- Cluster 4 – Digital, Industry and Space
- Cluster 5 – Climate, Energy and Mobility
- Cluster 6 – Food, Bioeconomy, Natural Resources, Agriculture and Environment
- EU Missions: Adaptation to Climate Change · Climate-Neutral and Smart Cities · Cancer
- New European Bauhaus Facility



10+ Active R&D Projects

Across *Horizon Europe*, *Eurostars*, *Erasmus+* and national research programmes

Horizon Europe

Eurostars

Erasmus+

TÜBİTAK



(Horizon Europe, Partner)

Making healthcare data usable for trustworthy AI.

Trustworthy healthcare-data platform combining privacy-preserving synthetic data, federated learning and AI auditing tools for robust, fair AI in healthcare.

aisym4med.eu



(Eureka-Eurostars, Partner)

Seeing molecular interactions to accelerate drug discovery.

AI-powered imaging platform combining single-molecule imaging, microfluidics and AI analysis to observe DNA–protein interactions and speed up early-stage drug discovery.



hivemind

(Horizon Europe, Partner)

AI agents working alongside developers.

Human-centric AI framework where specialised agents support the full software development lifecycle — from coding to testing — for faster, more secure delivery.

hivemind-project.eu



(Erasmus+, Partner)

Making cancer-related information easier to understand.

AI and digital education platform helping patients understand their condition and treatment through multilingual content and interactive tools.

oncoed.org



The roles outlined reflect our proposed areas of contribution. We remain open to discussion & refining the scope of our involvement in according to the specific needs of the consortium/project. Other relevant calls beyond those listed are also welcome for discussion.

HORIZON-HLTH-2027-01-CARE-02

Expertise in prescription-data infrastructure (Central e-Prescription, Drug Management System, e-Pharmacy) from an NHS-approved, nationally operational system — relevant experience for building/piloting an ADR risk-detection layer.

HORIZON-HLTH-2027-03-TOOL-04

Expertise in health data integration (HIE Suite, FHIR Stack, EMPI, Terminology Server) and clinical workflow integration (Clinical Viewer 360) — directly relevant to the data layer a Virtual Human Twin model requires.

HORIZON-HLTH-2027-02-TOOL-01-two-stage

Expertise in structured, multi-site longitudinal patient data pipelines and terminology harmonisation, with an established academic network (we can also bring a university research group working on diabetic kidney disease progression).

HORIZON-HLTH-2027-02-DISEASE-01-two-stage

Expertise in digital delivery/monitoring platforms (PHR, e-Appointment/e-Referral) relevant to intervention rollout and adherence tracking.

Note: We can further mobilise our extensive international network to identify and engage additional partners for the consortium, if needed.



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HORIZON-HLTH-2027-01-DISEASE-10

Expertise in paediatric-adapted PHR and e-Referral systems, plus population-level reporting — relevant to the GACD network's multi-country data needs.

HORIZON-HLTH-2027-02-IND-02-two-stage

Expertise in FHIR-based interoperability and EMPI matching, relevant to connecting point-of-care diagnostic devices with national health systems.

HORIZON-CL4-2027-04-DIGITAL-EMERGING-06

National-scale health-AI deployment experience (125M+ individuals) offered as evidence and insight for international AI cooperation and standardisation discussions.

HORIZON-CL4-2027-04-DIGITAL-EMERGING-10

Field-level knowledge of how digital health technologies are adopted in practice, and the barriers/future needs encountered — drawn from Tiga's operational deployments.

Note: We can further mobilise our extensive international network to identify and engage additional partners for the consortium, if needed.

PRESENTER CONTACT

DETAILS:

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COUNTRY: Türkiye

