



**TCDD TEKNİK**

*Business*  
**Company  
Profile**

***Innovative solutions in  
railways***



## CEO Message

*TCDD Teknik was established to deliver innovative engineering solutions to the railway sector. It develops domestic and national technologies in areas such as signaling, testing, measurement, certification, consultancy, and energy. With projects across Turkey and abroad, it represents Türkiye's engineering power, focusing on digitalization, sustainability, and global competitiveness.*

**Mustafa ÖZDÖNER**

*General Manger of TCDD Teknik*

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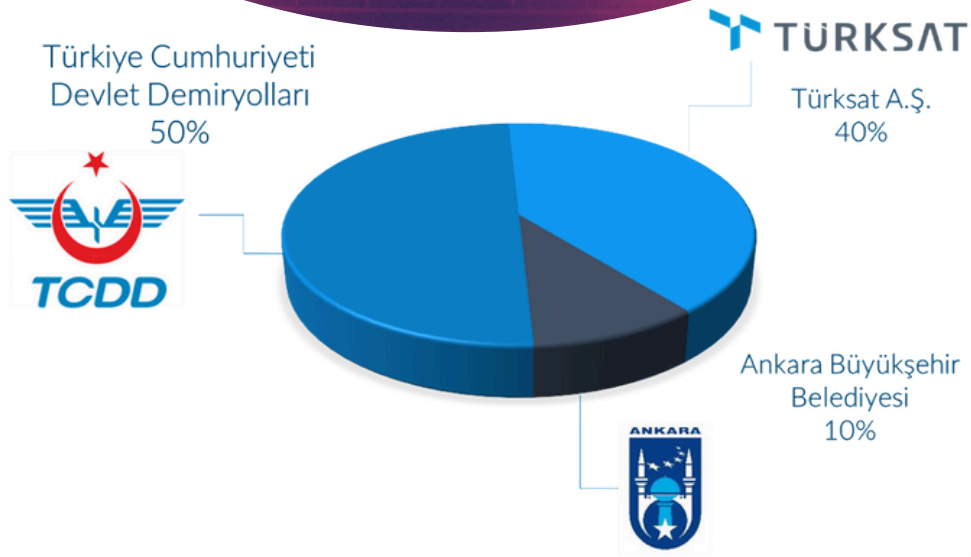


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## About Company



- Providing strategic support to the state with a public perspective in new line projects and projects requiring line revision.
- Reducing foreign dependency during the testing and commissioning process in the fields of Measurement Engineering and Certification by both investing in equipment and training expert staff.
- Focusing on engineering services in signaling, railway vehicles, and urban rail systems, efficiently managing field operations, and supporting the widespread adoption and sustainability of national and domestic technology.
- Transferring TCDD's experience and know-how abroad.

**TCDD Teknik was established in 2017 with 100% public capital as a joint venture of the TCDD General Directorate, TÜRKSAT Inc., and the Ankara Metropolitan Municipality. The company operates in the fields of engineering, consultancy, signaling, technology, railway vehicles, energy, measurement, and certification.**

# Vision & Mission



Driven by a bold vision and a clear mission, we develop innovative, sustainable, and integrated solutions that shape the future of transportation systems and position us as a global engineering player.

## ■ Vision

*To become a global player offering innovative solutions with original technologies in the transportation sector.*

## ■ Mission

*To provide integrated and sustainable solutions that contribute to the development of transportation systems.*

## ■ Core Values

*Agile, Proactive, Highly Committed, Reliable, Fair, Human-Centered, Participatory, Environmentally Conscious, Transparent, Sincere*





## **Business**

# **Achievements**

*With a strong engineering background and a commitment to safety and innovation, we have achieved significant milestones in railway technology. From signaling and predictive maintenance to IoT-based inspection systems and infrastructure monitoring, we continue to deliver cutting-edge, domestic solutions that enhance operational efficiency, reduce costs, and strengthen our role as a trusted partner in the railway sector.*



We design and maintain communication systems in the signalling field with a “safety first” approach. Our services include maintenance and repair of railway vehicle systems (such as Boden lubrication and ATS), predictive maintenance operations, and ETCS onboard maintenance for locomotives, along with the operation of Automatic Train Inspection Stations (OTMI).



By leveraging global technological advancements, we develop domestic solutions to enhance railway safety. These include automatic train stop systems, smart maintenance and measurement technologies, inventory and risk detection via image processing, smart level systems, industrial IoT platforms, and big data processing.



We also design dynamic train inspection systems for monitoring moving vehicles and provide asset counting, valuation, planning, and life-cycle management services for both public and private sectors. Our Rail Infrastructure Monitoring System integrates various IoT sensors to ensure the safety and protection of critical railway assets.



TCDD TEKNİK



## Our Services

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### Engineering

*With the goal of delivering high-quality projects on time, we develop tailored engineering solutions at every stage. We analyze not only the initial investment processes of systems, but also the technical requirements that may arise during operation, ensuring sustainable and practically applicable outcomes.*



### Measurement Services

*Our consultancy services are designed to offer realistic and optimized recommendations by evaluating all potential life cycle costs of a project. In doing so, we provide added value not only during the investment phase but also throughout long-term operation periods.*



## Our Services

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### Signaling

*We offer design, construction, maintenance, and repair services for advanced railway communication and control systems. Our scope includes ERTMS/ETCS and CBTC systems, GSM-R, transmission subsystems, and integrated communication systems such as telephone, CCTV, fire alarm, access control, and radio systems—ensuring safe, efficient, and uninterrupted railway operations.*



### Rolling Stock

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# How We Work

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# Our Projects

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## ■ Project 01

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## ■ Project 02

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# *Our Goal is to be the architect of* **technological transformation** **in rail systems**

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**Staff**



**Field Staff**



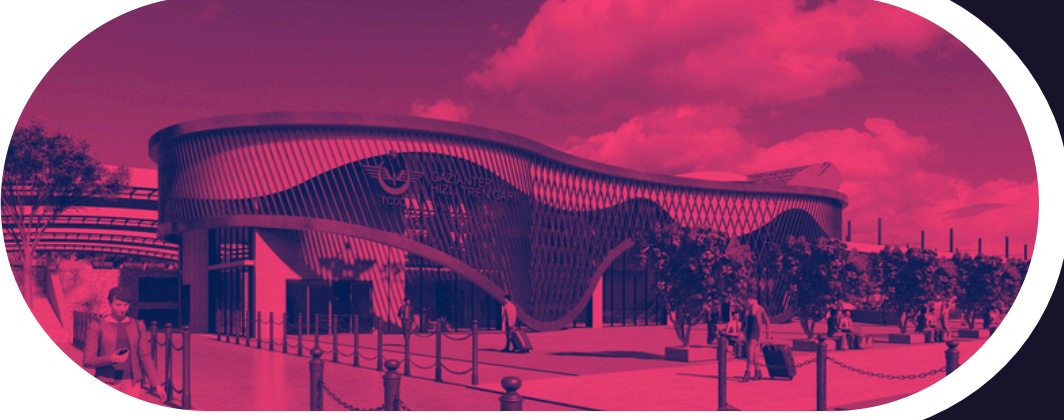
**Engineer/Architect**



**Projects**



# Thank You!



## Our Contact:



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