Toyota Resolved to Achieve ZERO Traffic Accidents

Past Approach

Toyota developed safety technologies on a function-by-function basis (individually).

ZERO Fatalities
Minimal Accidents

■ Passive Safety Systems

Seatbelts　Airbags　Collision-Safety Body (GOA)

■ Active Safety Systems

Emergency Braking　Cruise Control　Lane Tracing　Automated Parking

■ Autonomous Driving Technologies with Onboard Systems

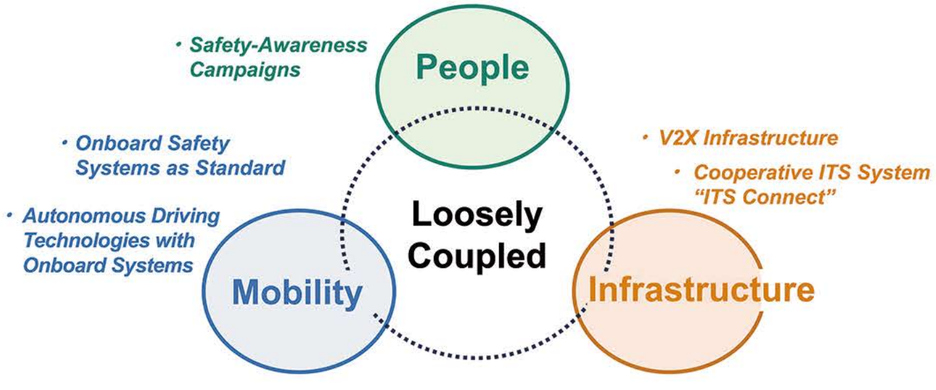
■ Cooperative ITS Systems

V2V Vehicle-to-Vehicle

V2I Vehicle-to-Infrastructure

- **Onboard System Installations**
  600,000 vehicles total
- **Infrastructure Installations**
  9 prefectures in Japan (114 units)
  (As of July 2025)

➡ **Not yet as widely adopted as planned**



While there were initiatives to connect People, Mobility, and Infrastructure, the synergy effect was limited.

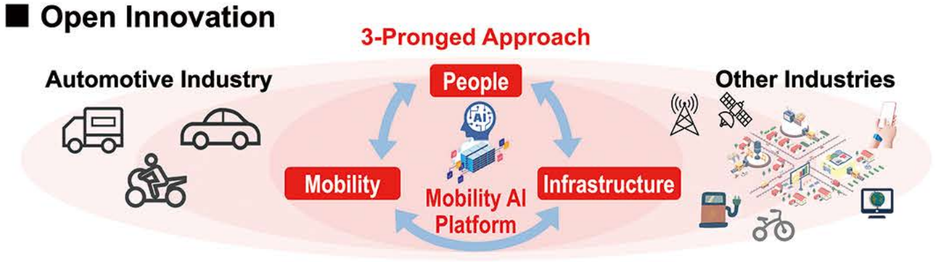
To reach "ZERO", fundamental improvement is required.

Future Approach

Toyota will lead development of a human-centric Mobility AI Platform based on a new, socially integrated Three-Pronged Approach.

ZERO Fatalities
ZERO Accidents

■ Open Innovation



■ High Speed & Seamless Communications

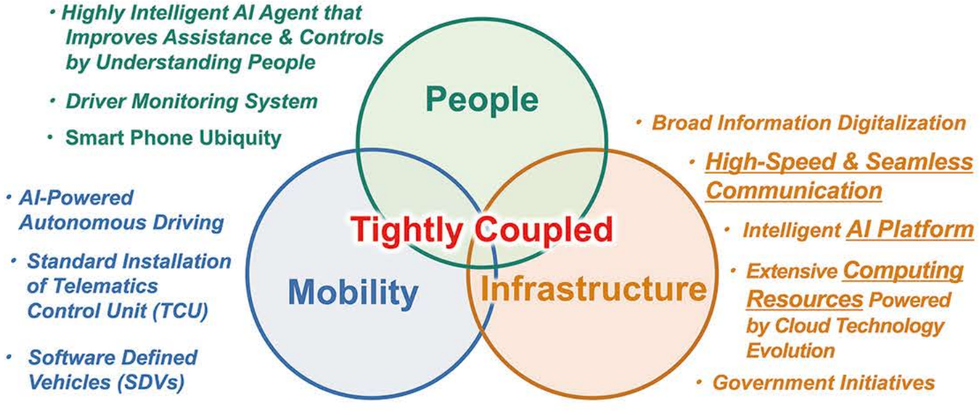
Toyota is participating in development of communication technologies that can connect society as a whole.

■ AI Platform

Toyota is creating an AI Platform that is designed to comprehensively understand people, closely observe mobility behaviors, and effectively control vehicles & traffic.

■ Computing Resources

Toyota is securing computing resources to support this type of AI platform and promote data-driven development.



Toyota is accelerating the realization of a ZERO-Accident Society with an integrated Three-Pronged Approach.

TOYOTA