

Advanced Traffic Monitoring using Probe Data

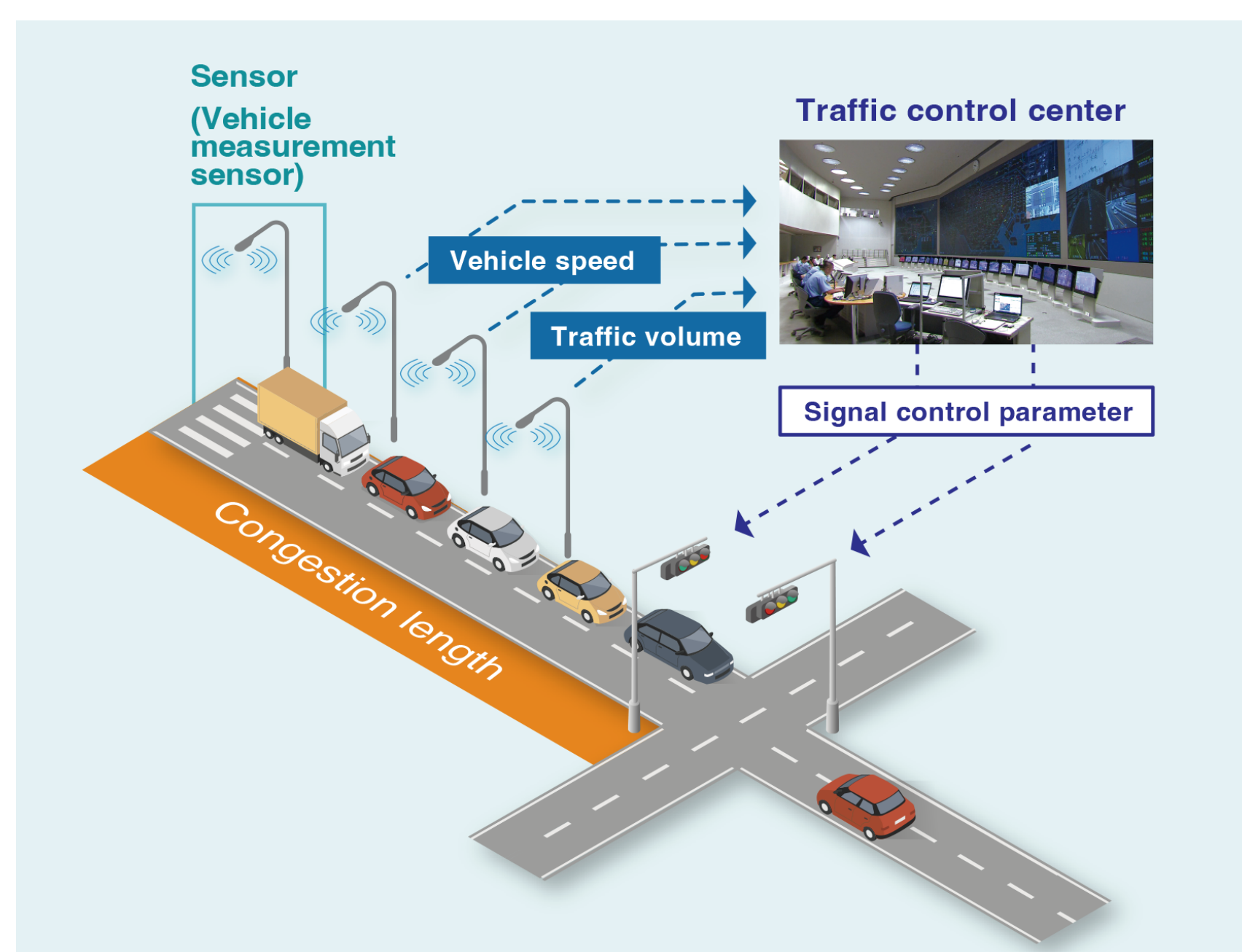
Abstract

Our probe data analysis technology realizes safer and smoother transportation even with fewer sensors

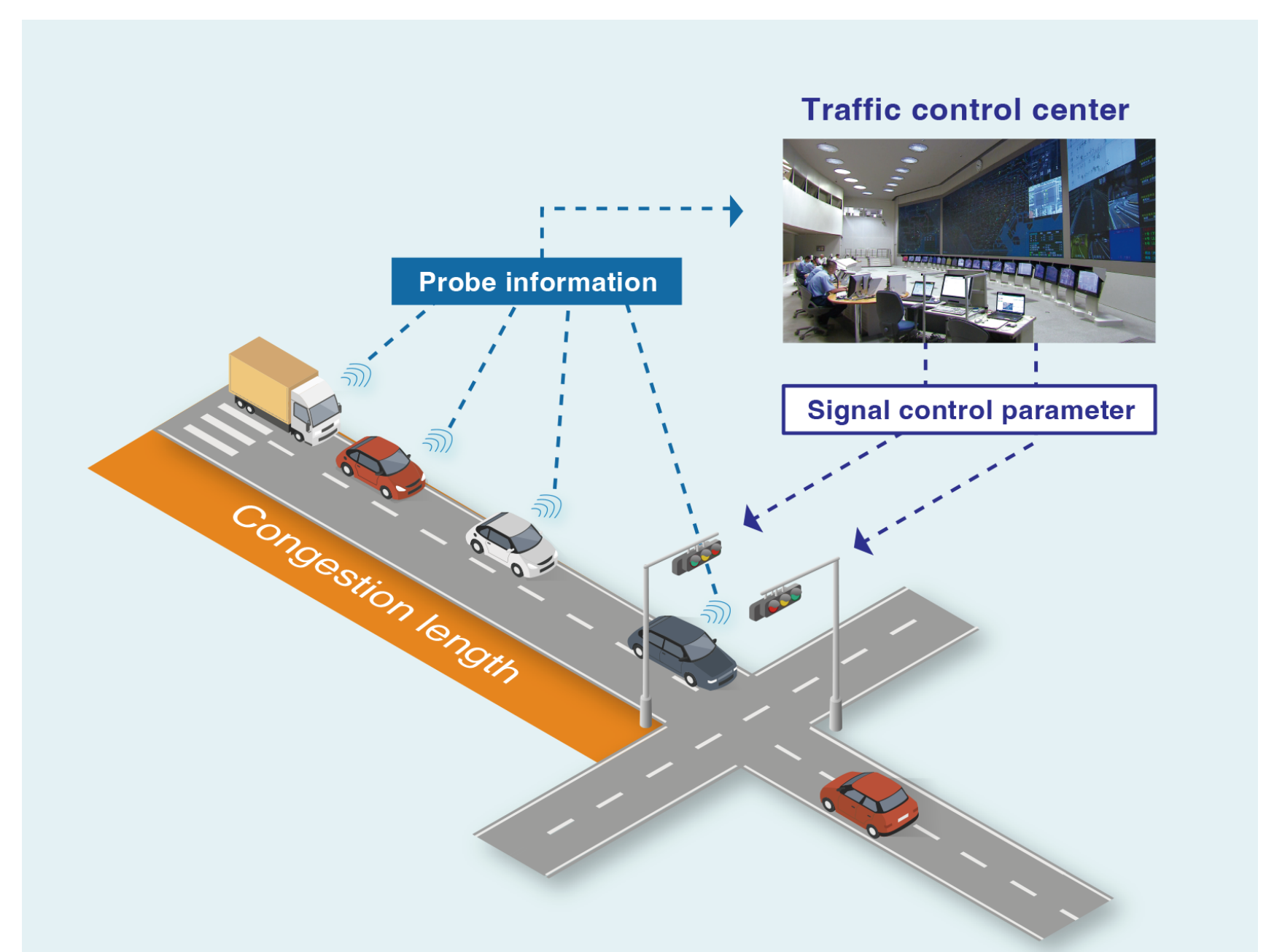
Details

Congestion beyond intersection and right-turn long queue can be detected, reduced, and vehicles can receive the information

Step 1 Sensors replacement with Probe data



Conventional signal control method



Signal control method using probe information

Step 2 Integrated Analysis on Digital Twin for Advanced Signal Control and Information Provision to Drivers (testing for basic algorithm in Tokyo and Hyogo in 2026)

