GateX IoT
Fuel Control Systems

SMART FUEL TANKER

Real-Time Fuel Theft Prevention

AI-powered sensors protect manholes, outlet pipes, fuel cabinet doors, valves, and compartments directly on the tanker.

- Instant alerts
- On-vehicle intelligence
- No delay, no blind spots

Any tampering or abnormal activity triggers an alert.

CORE CONCEPT

ONE INTELLIGENT BRAIN. TOTAL CONTROL.

- **Messenger** – on-board AI
- **Observers** – smart sensors at every fuel access point
- Decisions made **locally,** not in the cloud

THE TANKER REACTS BEFORE FUEL IS LOST.

ATLANTA – ROTTERDAM – ISTANBUL - DUBAI

SMART DETECTION

- **Smart Manhole Sensors**
  Open/close alerts with manhole ID and truck location.
- **Fuel Cabinet Door AI**
  Alerts only for abnormal opening behavior.
- **Outlet Pipe Monitoring**
  Detects fuel flow outside delivery zones.

AUTOMATIC VALVE CONTROL

- Valves open only at approved delivery locations
- Remote control from the control room
- All actions logged with time & GPS

SMART FUEL TANKER

Fuel protection that thinks on the road.

OPTIONAL INTELLIGENCE

- **FuelX – Advanced Theft Detection**
  Detects real fuel theft on moving tankers with no recalibration and no false alarms.
- **CloudLink (Optional)**
  Reports fuel volume per compartment with offline data backup.

LOCATION SECURITY

- **Route Deviation Alerts**
  Instant notification when tankers leave the planned route.

+31 6 2796 5225

MGR.SALES@GATEX.US.COM

Gatex IoT B.V. Global Sales Office
Otto Reuchlinweg 1142, 3072 MD
Rotterdam, Netherlands