

ASURA

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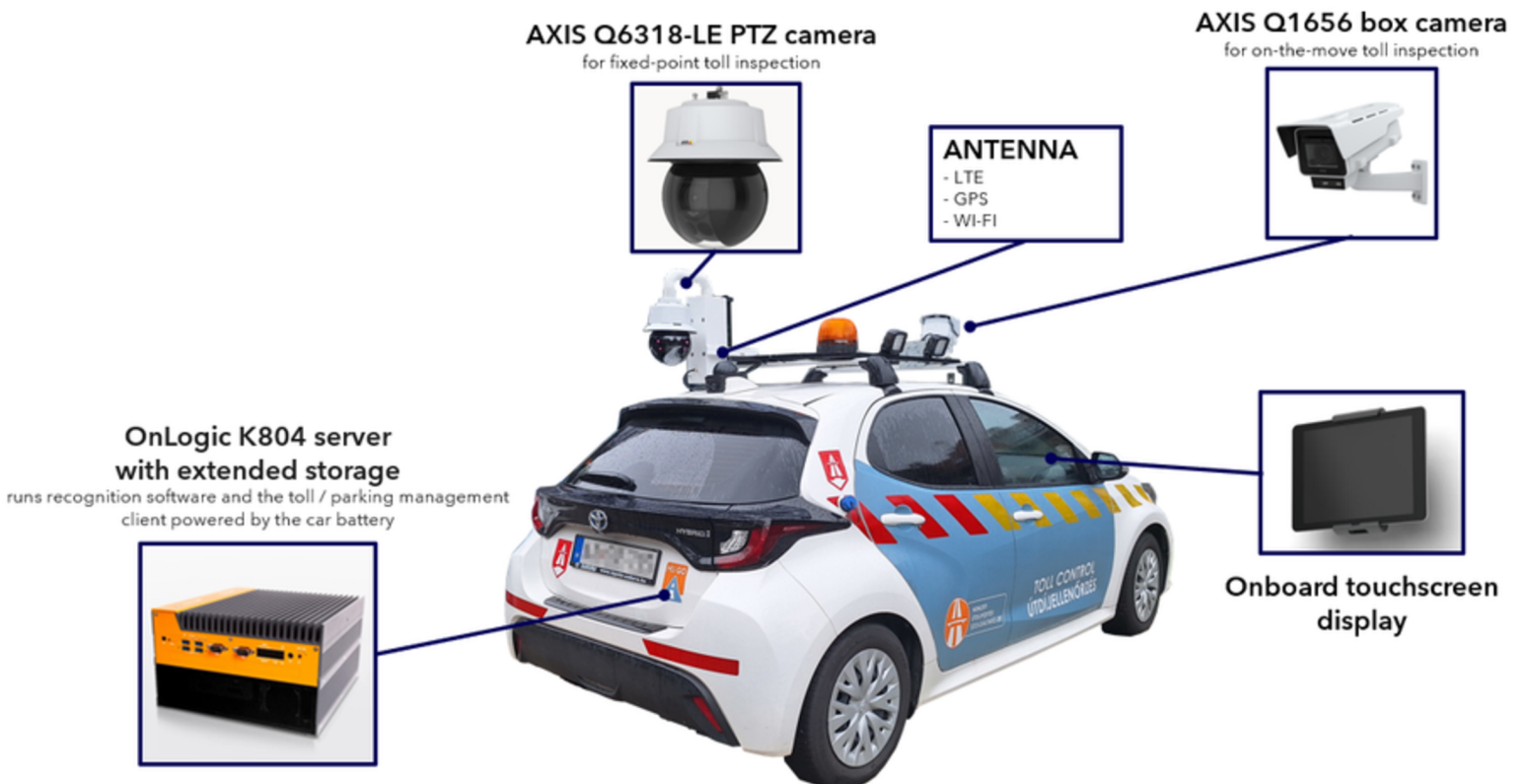
ASURA TOLLING SUITE

MOBILE ENFORCEMENT

We complement fixed toll enforcement systems with versatile mobile solutions that enhance the efficiency of enforcement across the entire tolled road network.

INFRASTRUCTURE

TWO-IN-ONE STRUCTURE FOR VERSATILITY AND EASE OF DEPLOYMENT



DEPLOYMENT

ROADSIDE

- Pan-Tilt-Zoom (PTZ) camera monitors traffic with the same high performance as the deployment on stationary enforcement
- AI-driven video analytics and Machine Learning increase recognition and reading rates allowing for efficiency in Human Visual Recognition (HVR)

IN MOTION

- The AXIS Q1656 box camera monitors and analyzes oncoming traffic, each event is immediately accessible through an onboard touchscreen display
- Enables ongoing enforcement on road sections without disrupting traffic

KEY PROJECT REFERENCE

HUNGARIAN TOLL SYSTEM MODERNIZATION

Mobile Solution Accuracy On Par with Fixed Enforcement:

- 50 fully equipped deployable vehicles
- Required License Plate Recognition rate: 98%
- Certified Recognition Rates match gantry accuracy:
 - 99.76% License Plate Number
 - 99.94% License Plate Country
 - 96.27% Categorization (axle-based)

Automated Categorization:

- Previous manual category processing replaced by automatic recognition
- Automated nationality detection (unavailable in the old system)
- Human Visual Recognition staff reduction by 38% in the first year

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ACCURACY
ANALYSIS,
ACCOUNTABILITY

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