A.I.MATICS implements localization technology with vision sensors only to achieve Level 4 urban self-driving.

- Self-driving solution based on onboard vision sensors
- Level 4 self-driving in urban areas
- Faster application of road environment and higher utility compared to existing HD map-based self-driving technologies

We are currently supplying the solution to overseas and domestic automakers, and are undertaking related demonstration projects.

Applying the solution to various areas related to the operation of logistics vehicles, shuttles, agricultural machinery etc.

Get more performance than any other self-driving solution at a lower price.

A.I.MATICS implements localization technology with vision sensors only to achieve Level 4 urban self-driving.

- Self-driving solution based on onboard vision sensors
- Level 4 self-driving in urban areas
- Faster application of road environment and higher utility compared to existing HD map-based self-driving technologies

We are currently supplying the solution to overseas and domestic automakers, and are undertaking related demonstration projects.

Applying the solution to various areas related to the operation of logistics vehicles, shuttles, agricultural machinery etc.

Get more performance than any other self-driving solution at a lower price.
AI-MATICS Solution

Is a solution that provides customers with helpful information by collecting big data related to vehicle operation in the Cloud, and analyzing it through image-recognition hardware that is equipped with AI features.

**Edge-Computing**

The AI Edge Device, optimized for video processing and recording, recognizes the road environment and driver status and alerts you in real-time in risky situations.

**Image Recognition**

- Deep learning-based edge-computing technology
- Real-time image recognition and analysis to alert the driver
- Upload video data to the cloud in the event of an accident

**Driver Status Monitoring (DSM)**

- Recognizes and analyzes the situations related to drowsiness, smoking, drinking, telephone calls and warns the driver
- In case of an accident, recorded data are uploaded to the Cloud for analysis

**Cloud-Computing**

Analyze vehicle and driver data by uploading data from the AI camera to the server. Cloud computing with AI algorithms enables faster and more accurate data analysis.

**Driver Status Monitoring**

- Recognizes the road environment and driver status
- Alerts the driver in real-time
- Uploads video data to the cloud in case of an accident

**Deep learning-based edge-computing technology**

- Real-time image recognition and analysis to alert the driver
- Upload video data to the cloud for analysis

**Cloud Servers**

- An AI Cloud Server that stores driver data
- Enables faster and more accurate data analysis

**Wireless Networks**

- GPS Signal
- Wireless Network

**Total Fuel Used**

4.8gal

**Distance Driven**

40 mi

**Harsh Events**

- Harsh Events: 1 event
- Harsh Acceleration: 1
- Harsh Turn: 2
- Rolling Stop: 1

**Time Driven**

1h40m

**Harsh Brake**

0

**Crash**

0

**Safety Score**

73

**Total Score**

- Arthur: 88
- Emilly: 73
- William: 55
- Paul: 67

**Optimally customized data analysis and delivery**

- Easily access information analyzed on the web console and apps
- Data sorting feature is included
- Provides data necessary for driver monitoring and coaching

**Optimally customized data analysis and delivery**

- Easily access information analyzed on the web console and apps
- Data sorting feature is included
- Provides data necessary for driver monitoring and coaching

**Scoring**

The server provides fleet managers with a quick, at-a-glance view of the different types of data that AI-MATICS provides. Scored data can be used for driver and vehicle management.