



# AI AVC

AI-based

Automatic Vehicle Classification

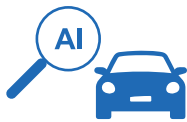


# AI-based Vehicle Classification Solution

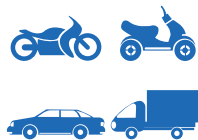
Vehicle Classification is an important data for toll collection and other application scenarios, especially for the electrical toll collections. By adopting the top-notch AI and contact-less vehicle dimension measurement technologies, FETC International provides the total solution of AI-based Automatic Vehicle Classification system with value-added Vehicle Dimension Measurement and Vehicle Axle Counting.



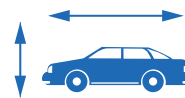
## Automatic, Machine-learning Inside



**AI Vehicle Identification**



**Vehicle Classification**



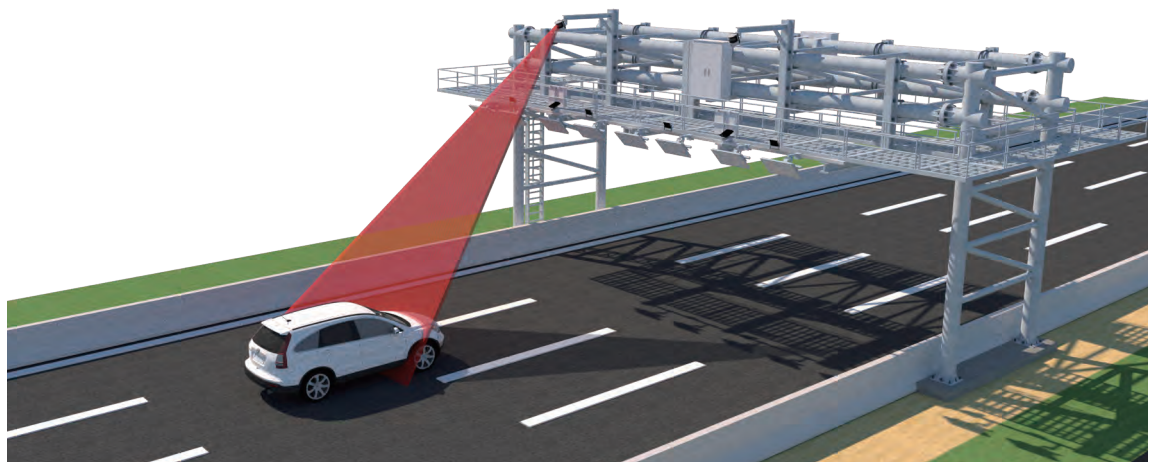
**Vehicle Dimensions**



**Vehicle Axle Counting**

FETC International combines LiDAR technology and AI intelligent image recognition to build a vehicle recognition system with self-improvement and AI deep learning capabilities

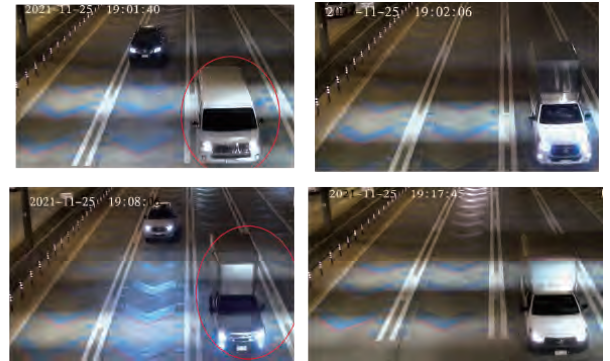
- Vehicle detection
- Calculate vehicle dimensions
- Mapping vehicles dimension
- Determine vehicle category
- Vehicle Identification
- Vehicle Class Categories Customization
- Toll Fee Categories Customization
- Axle Counting





## High Accuracy Vehicle Classification

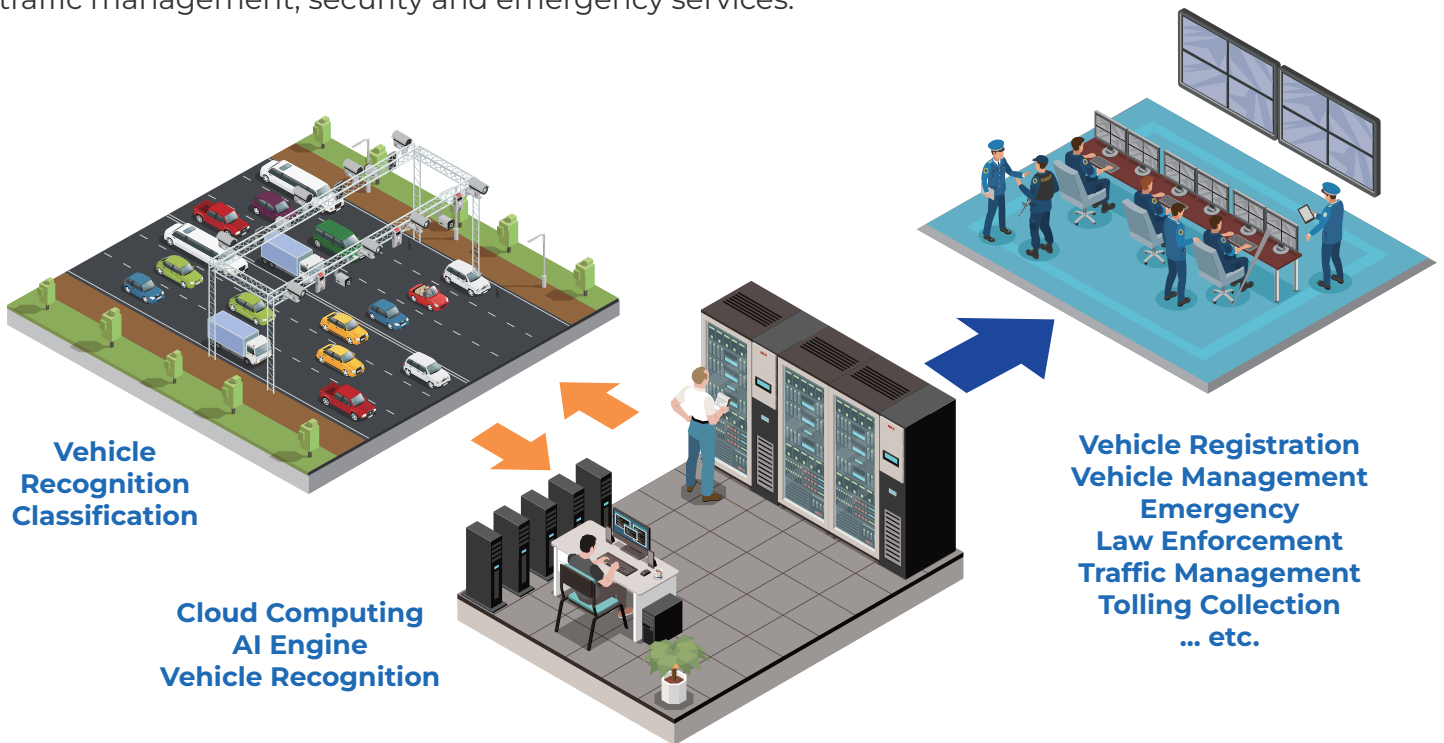
With AI AVC  
**95.33%**  
Accuracy



AI-based  
Vehicle Recognition

## Flexible Integration for Various Management Needs

Through AI technology and cloud computing, combined with LiDAR and AI ANPR solutions, FETCi provides customers with complete services from equipment, management, integration, and various aspects. Includes DMV platform, Toll Collection, traffic management, security and emergency services.



### FETC International Co., Ltd.

FETC International is the leading intelligent services enabler in ETC and Smart City. Our mission is to enable the digital transformation acceleration through innovations from ETC to Digital Vehicle Economy, Contact : [Service@fetci.com](mailto:Service@fetci.com)