



AI ALPR Solution

AI-enhanced
Automated License Plate Recognition



More Accurate, Faster, and Effortless: AI-enhanced ALPR solution

Automated License Plate Recognition (ALPR) is widely employed in areas like highways, parking lots, urban roads, and many other controlled areas that need traffic management or law enforcement to preserve both the safety of road users and vehicles.

However, ALPR encounters diverse environments and unexpected challenges, making it crucial to develop more efficient and precise solutions.



The Challenges of License Plate Recognition



Open Environment



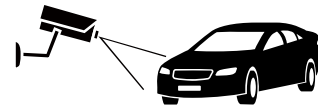
License Plate Variation



Light Intensity



Fraud License Plate

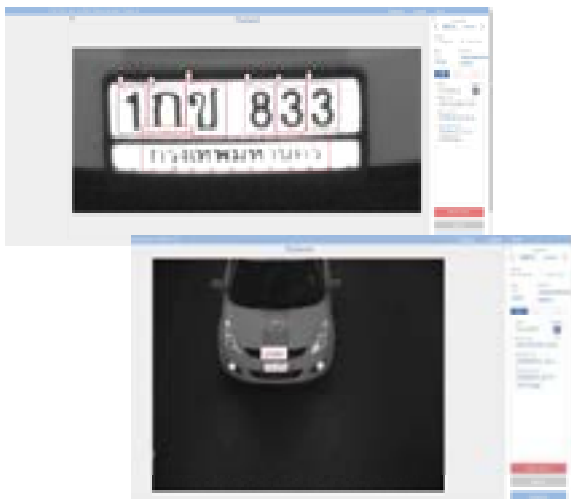


Camera Inclination



Tailgating

AI ALPR: The Key To Improve The Vehicle Identification and Toll Collection



Due to the substantial volume of license plate recognition images acquired through highway tolling, as well as the necessity for real-time processing, there is an urgent requirement for efficient automation to assist agencies in completing each toll collection.

These challenges significantly impact the efficiency of license plate recognition. Combining the power of AI, Big-Data and AI-Synergy Manual Review Assistance, FETCi introduces the AI ALPR solution specifically suitable for Electronic Toll Collection, and many other intelligent transportation applications.



Acceleration of Management and Operation



Increase Accuracy, Reduce Human Labors and Errors

FETCi's AI ALPR solution features easy integration and high recognition success rate; it combines FETCi's accumulated decades of Toll Collection experiences and practical events database and analysis. With the assistance of FETCi's professional technical team, you can quickly build a complete, highly accurate, and easy-to-operate AI ALPR solution.

up to **99.95 %**
Reading Accuracy

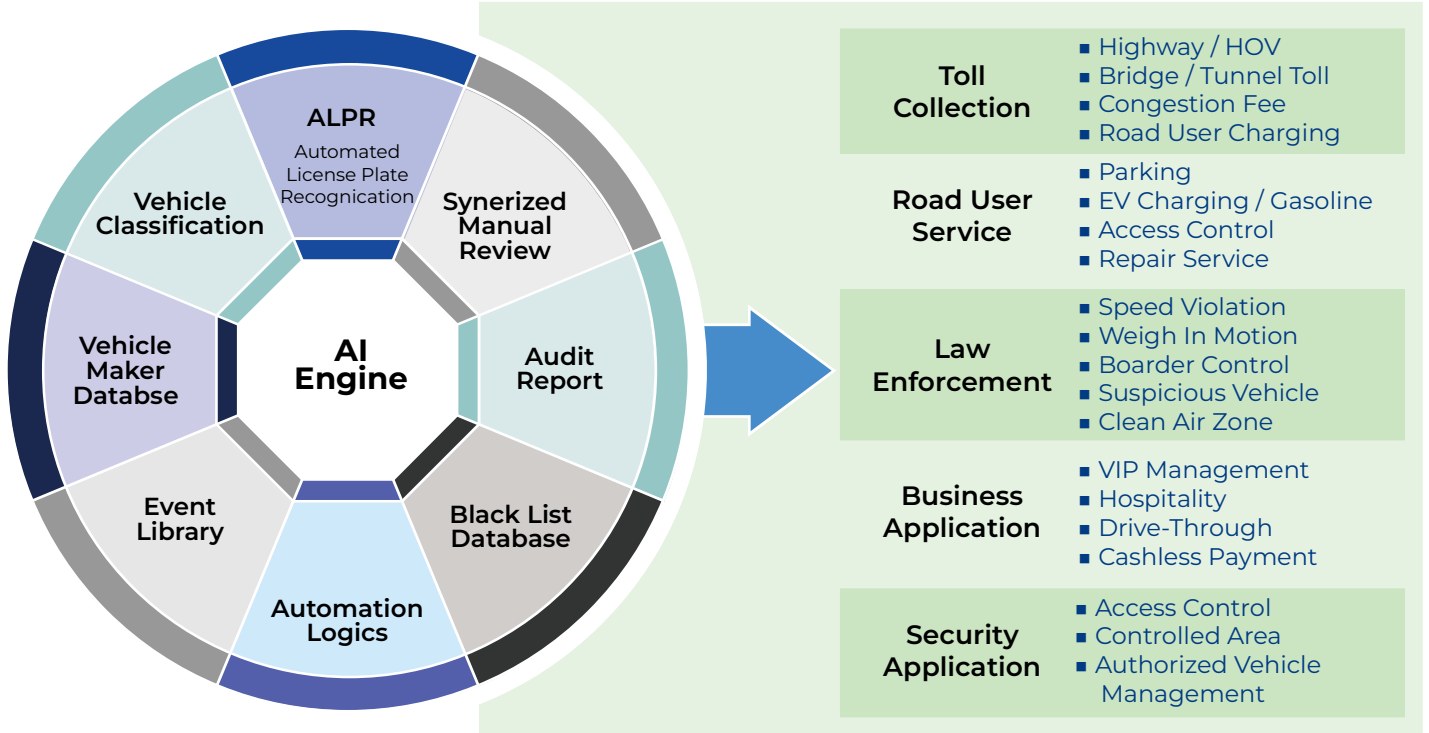
Reduce **60 %** ↓
Manual Review
Loads











- Supports license plate designs and formats from over 100 countries, including various colors and fonts used in Asia and the Far East.
- Optional classification functions for vehicle **Axle -Counting**, Model, Make and Color (MMC).
- Machine-learning mechanism that enhances recognition accuracy and efficiency.
- **AI Synergized Manual Review**: Minimizes the manual review workload.
- User-friendly integration with various equipment and management/operating systems.
- Exclusively suitable for toll collection and a variety of ITS/Law Enforcement applications.



Enhanced Image Review as a Service



Versatile Applications Empowered by AI ALPR

			
Highway Tolling	Parking Service	Road User Charging	Weigh in Motion
			
Law Enforcement	Boarder Control	Gasoline EV Charging	Drive-Through Shopping



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