

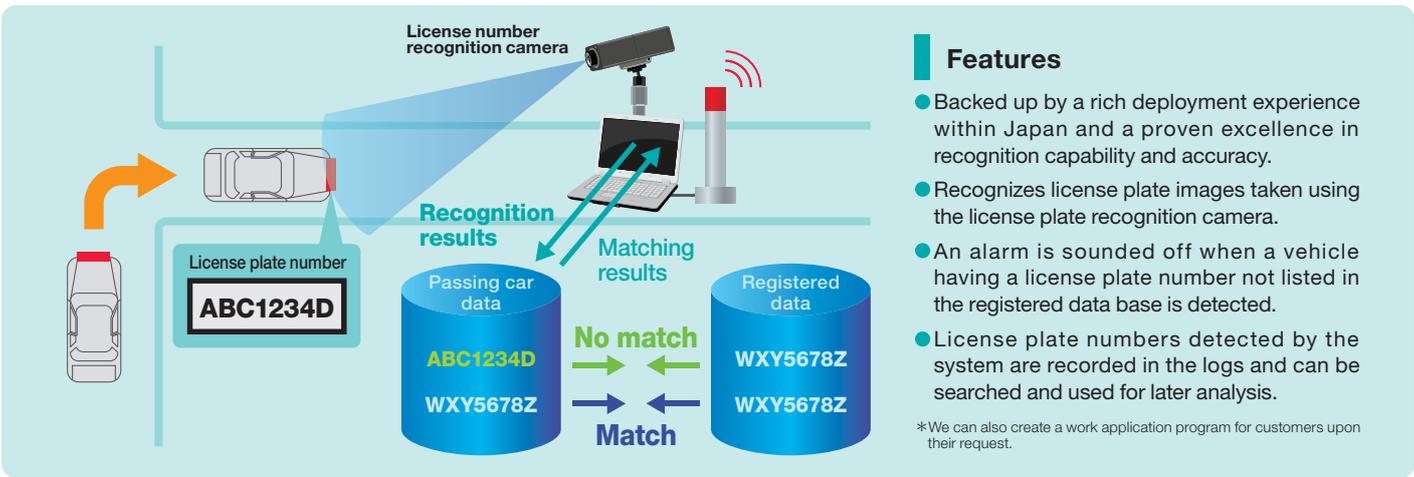
# NEC's leading-edge Image Recognition Technology

## Automatic Number Plate Recognition Solution

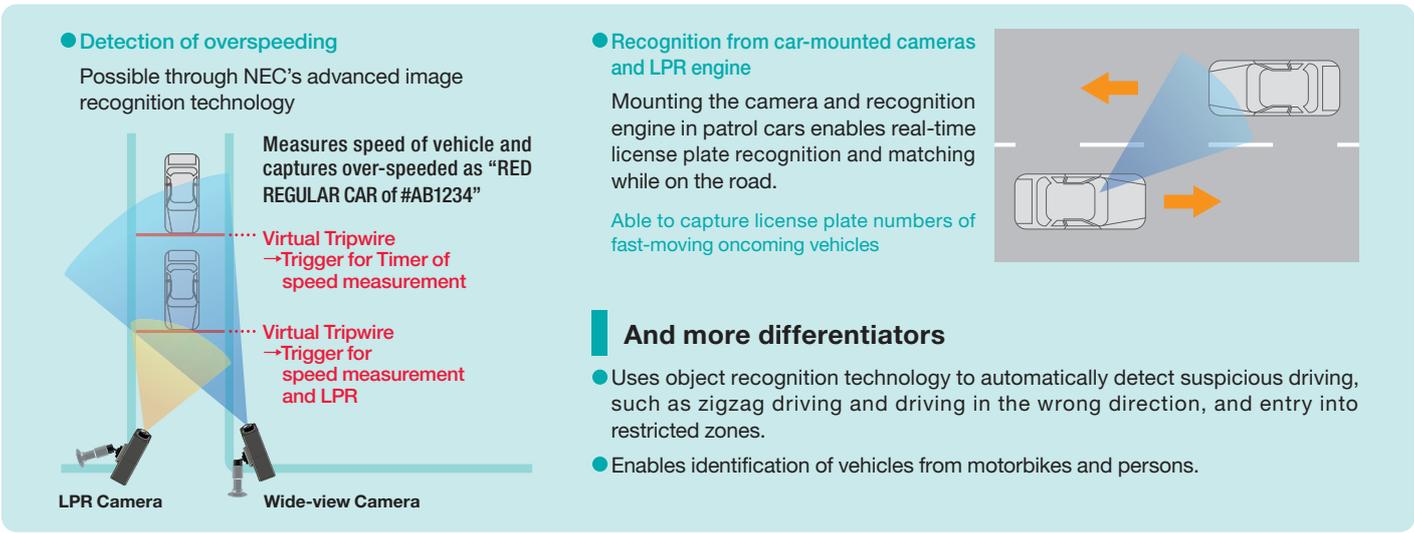


NEC has developed the automated and advanced entry management system with automatic number plate recognition and matching solution for vehicle identification through Optical Character Recognition (OCR), a technology it has developed over many years of experience. Protecting customers' security environment through highprecision video surveillance.

### How the solution works? [In the case of License Plate Number Recognition]



### Application Case 1. Vehicle Behavior Monitoring Solution



# Automatic Number Plate Recognition Solution

## Application Case 2. Container Number Recognition Solution

NEC has also realized the recognition of container numbers on container trucks.

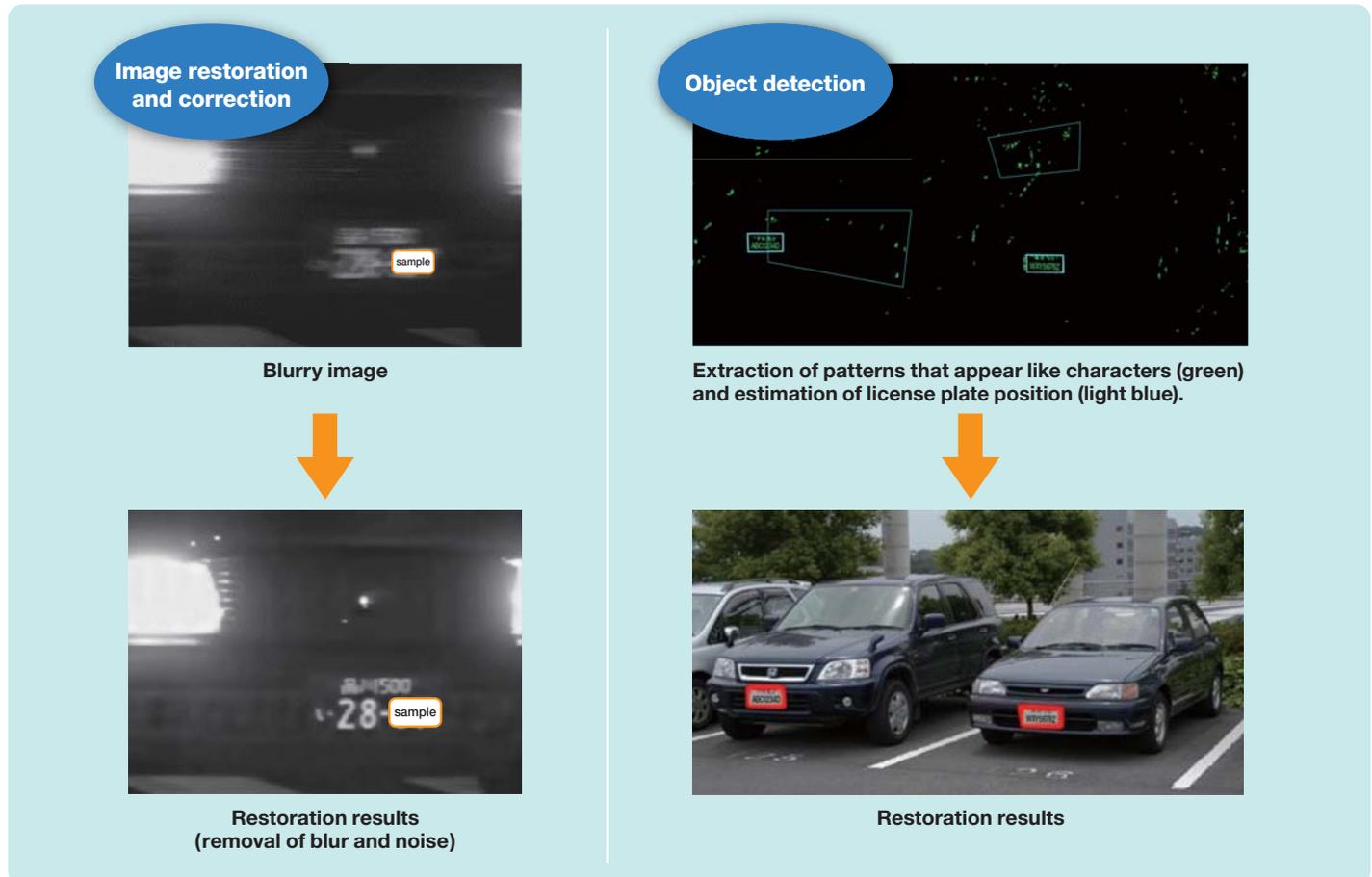
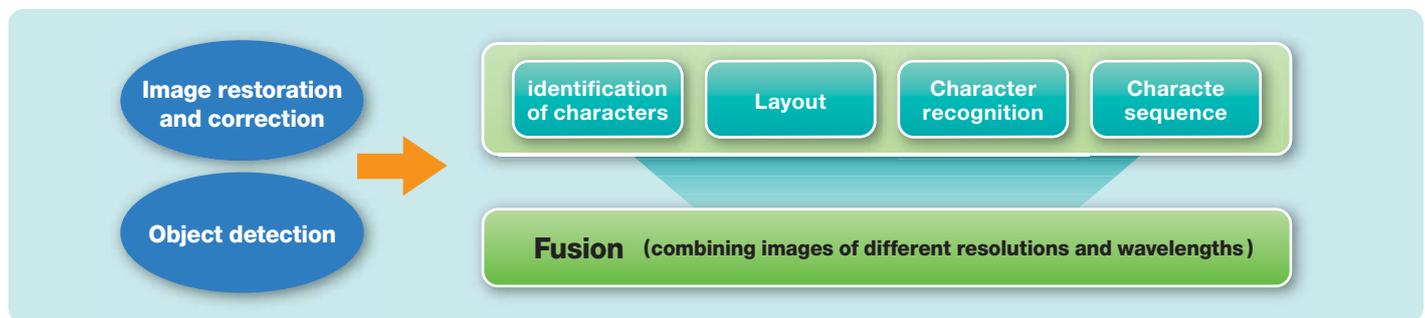
Recognizing container numbers in addition to license plate numbers further increases accuracy of vehicle identification.

- Since container numbers are not written on a fixed location on containers, the system first detects the container number on the container.
- If the container number is written on more than one location on the container, the system carries out matching to determine if they are the same or not.
- Matching with a blacklist or a whitelist is also possible depending on customers' use requirements.



## License Plate Recognition technology / Detection, extraction, and character recognition

NEC's propriety technology enables rapid and accurate character recognition, realizing a very high recognition rate.



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