INEX TECH

IZCentral Management System & ALPR Software Engine

FEATURES:

High Reliability ALPR:
State-of-the-art, proprietary recognition algorithms, with high recognition rates worldwide

Centralized platform:
Provides robust, long-term data storage for ALPR data and Plate Images

Add-on modeles: **Customizable Plugin architecture allows for additional business logic without affecting existing installation**

Multi-Country Multi-State Precise LP Recognition:
50 states, European countries, Mexico, Canada, Latin America, Middle East, Taiwan, Indonesia, and more

Multi-image Recognition:
Finest license plate read by selecting the best image or combination of images taken for the same car

Low False Positives :
Performance error rates below 1% with specific regional state syntax configurations

Shadow Elimination:
Advanced image treatment algorithms to minimize light reflections and shadows on license plates

Fast Recognition Performance:
Virtually non-existent data processing time in different environments and applications

Web-based interface:
Allows for easy viewing of data from any web browser

Open System Architecture:
A wide range of communication protocols simplify integration with existing back office/lane equipment

ALPR Platform for License Plate processing, storage, analytics and third party integrations

IZCentral provides a centralized management system for Automatic License Plate Recognition (ALPR). **IZCentral** brings together ALPR system management, **ROADVIEW** ALPR/ANPR engine processing, license plate data storage, data analytics and third-party Video Management System (VMS) and/or Access Control System integration.

IZCentral is a web-based application that can run as a stand-alone command and control application, providing a seamless, user-friendly interface to process, view, sort, and search data. **IZCentral** can be modified with a variety of plugins that expand the functionality of the system. These plugins provide feature-rich business logic for license plate matching, vehicle of interest monitoring, access control operations, and integration with third-party systems, such as Access Control (Lenel, AMAG, PCSC, Galaxy, and Software House), Security (Exacq, Salient, OnSSI, Milestone, Nice, Geutebruck, and Qognify), and parking (SKIDATA, Park Assist, and Amano).

IZCentral's flexibility and consolidation of management functions supports both new and existing systems, seamlessly integrating full back office control with your current infrastructure. All data continues to reside on the existing system, integrated with tools and features that ensure total access and control over the information.

ROADVIEW ALPR/ANPR Engine, that is a part of **IZCentral** System, is the Automatic Number/License Plate Recognition software designed specifically to work with 3rd party cameras (as a software only option) as well as with INEX ALPR cameras.

The **ROADVIEW** Engine ALPR software solution uses license plate images to produce accurate ALPR computer-readable data. **ROADVIEW** Engine utilizes INEX's proprietary technology – a set of algorithms developed over 20 years. **ROADVIEW** Engine provides accurate ALPR results over a wide range of image qualities and pixel densities.

The **ROADVIEW** ALPR Engine reads license plate data from both real-time video streams and pre-captured still images with a very high accuracy. The software can be pre-configured for the optimal recognition of plates from specific states, regions, or countries.

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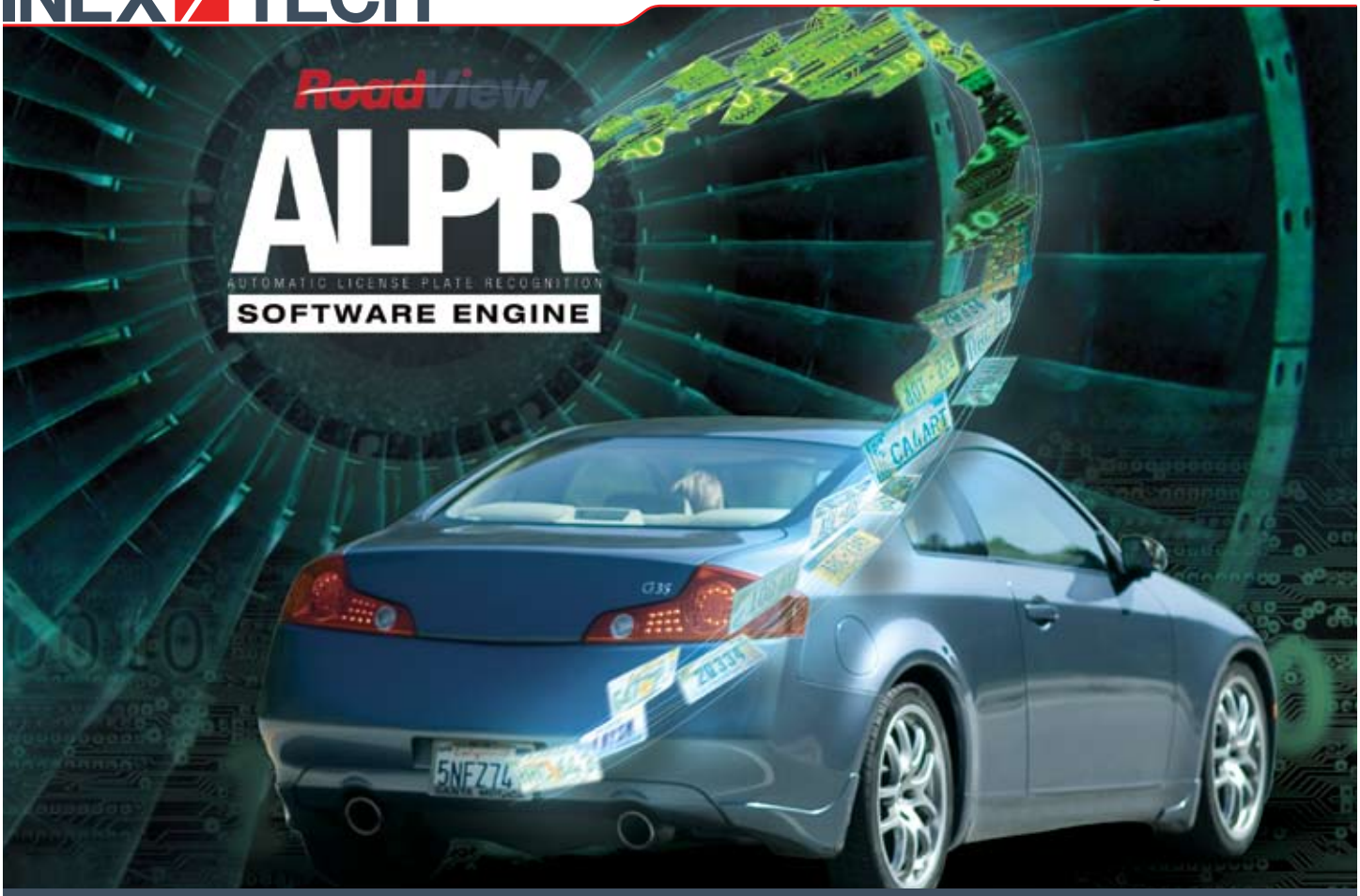

ROADVIEW THE FASTEST ALPR/ANPR ENGINE ON THE MARKET

Recognition
License plate Number
Country and State
Plate Type

Geography
USA, Canada, Europe, Asia
Latin America, & Middle East

API/SDK Interfaces
C, C++, C#, ASP.NET
Webservice

Hardware Platforms
NVIDIA RTX, GTX, TESLA, and
JETSON Families GPUs
Intel CPUs

IZCentral Functions:
Black/White Lists Management
List Hit Alerts
Plates Logging
Plates Search
Integrated Systems Support

Input format
JPG, TIFF, PNG, BMP, GIF, RAW
H.264, H.265, MJPEG

Performance
NVIDIA Accelerated < 10 ms
Intel/ARM CPU < 250 ms

Licensing models
Per processor, Per transaction,
Per channel/camera

INEX TECHNOLOGIES designs, develops and manufactures comprehensive Automatic License Plate (ALPR) hardware/software solutions for license plate recognition and vehicle identification. As the developer of both proprietary ALPR imaging hardware, and firmware/software analytical engines, INEX TECHNOLOGIES achieves the optimum synergy to create the world's premier license plate recognition systems for any plate, any ambient lighting, any weather condition, and for vehicle speeds of up to 120 mph (194 km/h). INEX TECHNOLOGIES' ALPR and vehicle identification technology accurately captures license plate data from passing vehicles in real-time.

Specifications subject to change without notice

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