VAAU

TechnoSoft Private Limited

Company profile

Company Overview

Welcome to VAAU TechnoSoft Private Limited, where innovation meets enthusiasm! As a dynamic tech startup, we specialize in offering smart surveillance solutions, including a Traffic Management System (ITMS) with Video analytics and support for third-party integration.

Also offer cutting-edge IT services and support designed to propel your business to new heights. Our team is passionate about harnessing technology to solve problems, enhance productivity, and drive success for our clients across various industries.

VAAU

Mission and Vision Statements

Vision

To be a global leader in IT services, enhancing technological efficiency for businesses.

Mission

To deliver innovative IT solutions that solve complex problems and empower our clients to thrive.

Values

Integrity, Innovation, Customer Focus, and Continuous Improvement in all we do.

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What We Do:

Advanced Surveillance Solutions:

VAAU TechnoSoft specialized in cutting-edge video surveillance technologies and tailored security solutions for diverse applications, including enterprise CCTV, citywide monitoring, and defense operations.

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Our Services:

VAAU ANPR Solutions

VAAU TechnoSoft provides advanced ANPR software featuring automatic camera detection, a web-based interface, and highspeed license plate recognition capabilities..

Traffic Management System

VAAUTraffic is a smart traffic monitoring system that uses AI and Machine Learning to detect traffic rule violations in real-time. It can catch offenses like running red lights, speeding, not wearing a helmet, triple riding, and driving in the wrong lane. Besides enforcing rules, it also helps manage traffic flow and improves overall road safety with intelligent traffic management features.
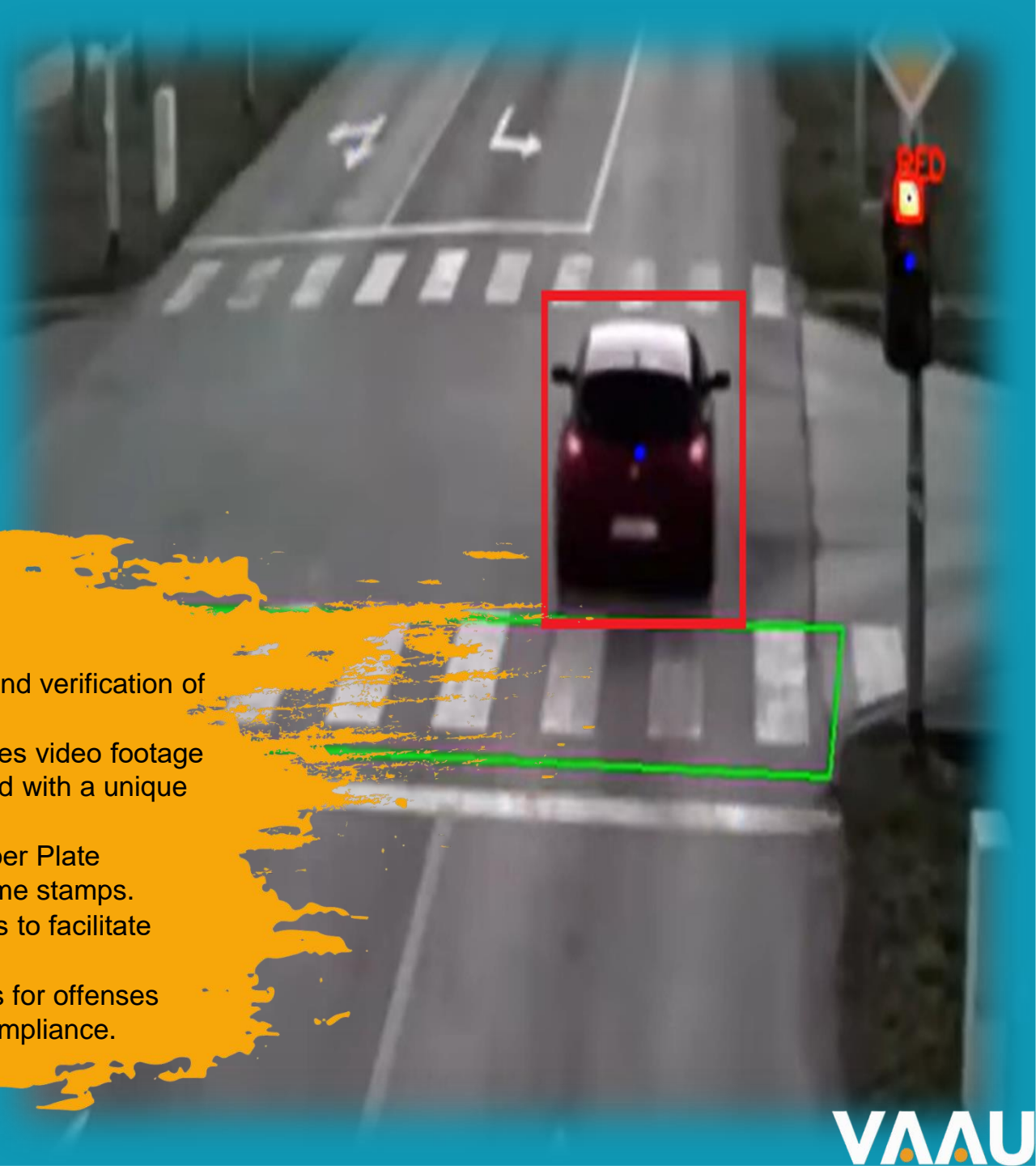
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Our Services:

VAAU RLVD Solutions

VaauTech RLVD is a smart, high-performance video-based violation detection system. It automatically identifies and records vehicles crossing a designated area such as a stop line or zebra crossing when the traffic light is red.

VAAU TechnoSoft RLVD Key Features:

• Real-time Video-based Red-Light Monitoring with instant detection and verification of infractions.
• Comprehensive Evidence Management: Captures and securely stores video footage and multiple images of violating vehicles across different lanes, tagged with a unique identifier, location, direction, device ID, and lane details.
• Secure Data Storage: Evidence images and ANPR(Automatic Number Plate Recognition) data are encrypted and stored with accurate date and time stamps.
• Instant Violation Alerts: Immediate notifications for red light violations to facilitate prompt enforcement.
• Automated E-Challan Generation: Seamlessly issues digital challans for offenses such as red-light violations, speeding, triple riding, and helmet non-compliance.

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Our Services:

VAAU Helmet Violation Detection

VAAU AI-powered Video Analytics Solution for No Helmet Detection is designed for Intelligent Traffic Management Systems (ITMS) in Smart Cities, Safe Cities, and Urban Surveillance. Integrated with Automatic Number Plate Recognition (ANPR), it ensures a robust system to curb helmet violations effectively.

Using advanced deep learning techniques, the system captures evidence of two-wheeler riders without helmets in real time. It detects the rider's head and determines the presence or absence of a helmet, seamlessly working alongside ANPR for accurate enforcement

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Our Services:

VAAU Triple Riding Violation Detection

Triple Riding Detection systems identify and capture evidence of commuters traveling on a two-wheeler with three passengers. This system works in conjunction with the **ANPR (Automatic Number Plate Recognition)** system and leverages an AI-powered algorithm that utilizes deep learning techniques to detect **triple-riding violations** effectively.

VAAU Speed Violation Detection

VaauTech Speed Violation Detection is an advanced video-based system that detects speed violations by analyzing the time between multiple frames of a moving vehicle. It captures an image of the violating vehicle's number plate without relying on traditional sensors like radars.

- ✓ Measures instant speed by analyzing time intervals.

- ✓ Calculates average speed between two reference points.

- ✓ Generates alerts for stolen and hot-listed vehicles.

- ✓ Configurable speed limits based on user requirements.

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Our Services:

VAAU Wrong Way Detection

Wrong-way vehicle detection analytics offer an advanced traffic management solution by identifying vehicles traveling in the wrong direction. Upon detection, it promptly alerts the central server with an alarm and real-time video feed.

- ✓ Utilizes a video-based system

- ✓ No need for sensors or radar

- ✓ Detects wrong-way driving when a vehicle moves in the wrong direction

VAAU No Parking System

VAAU AI-powered "No Parking" software helps manage and enforce parking rules efficiently. It uses computer vision to spot and record illegal parking in real-time. The system automatically sends alerts and creates reports, helping traffic authorities keep cities safe and organized

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Unique Value Proposition

Gain

Enhanced operational efficiency through tailor-made IT service and 24/7 support for o u r clients.

Pain

Businesses often struggle with unreliable tech support and slow response times.

Customer jobs

Customers require dependable IT Support that secure their business continuity.

Value map

We offer tailored IT strategies that leverage the latest technologies effectively.

Pain relievers

Rapid response team ensures minimal downtime and proactive product support.

Key partners

Strategic alliances with leading technology providers to enhance service offerings.

Product and services

Comprehensive IT support, consulting, and managed services for diverse industries.

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Future Growth and Expansion Plans

Market Research

Identify new opportunities in emerging markets.

01

Feedback Loop

Gather feedback regularly to optimize our services.

06

Service Development

Innovate and enhance service offerings based on feedback.

02

Talent Acquisition

Hire skilled professionals to support company growth.

05

Partnerships

Collaborate with other companies for mutual growth.

03

04

Marketing Strategy

Implement aggressive marketing campaigns for brand awareness.

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Thank You !

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