LOGIC CLUTCH SOFTWARE LLP

Introducing LOGICEYE

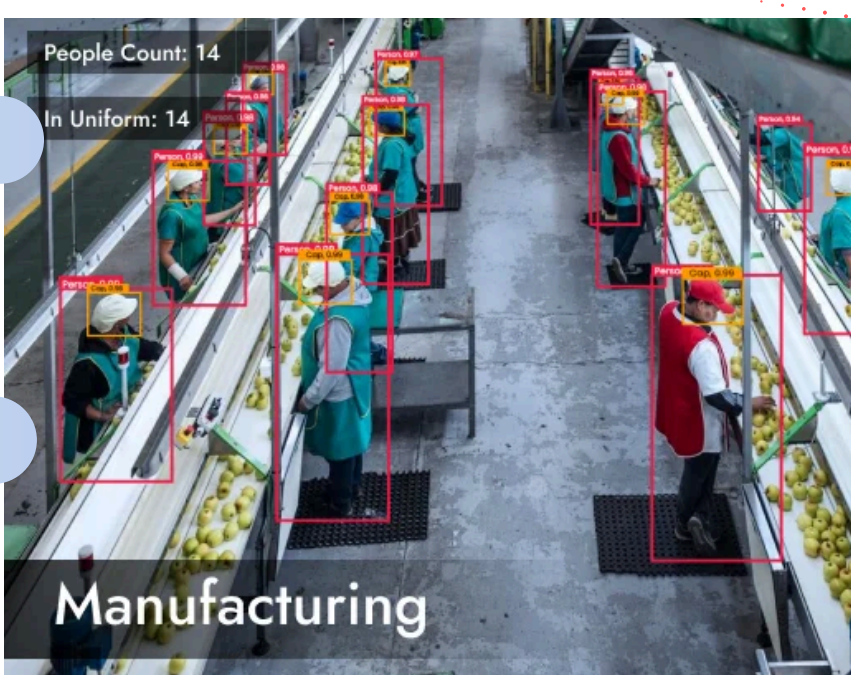
Advanced Video Analytics

Transform manufacturing operations with Computer Vision AI - enabling automated quality inspection, real-time monitoring, and predictive maintenance to revolutionize production efficiency and product quality.

Enhance workplace safety and compliance through automated PPE detection, hazard identification, and comprehensive environmental monitoring, creating a safer and more secure manufacturing environment.

Optimize operations with intelligent inventory management, robotic guidance, and production tracking while supporting workforce productivity through visual training aids and process compliance verification.

1. ENVIRONMENTAL MONITORING
2. ASSEMBLY LINE OPTIMIZATION
3. EQUIPMENT MAINTENANCE
4. PROCESS OPTIMIZATION
5. SAFETY & COMPLIANCE



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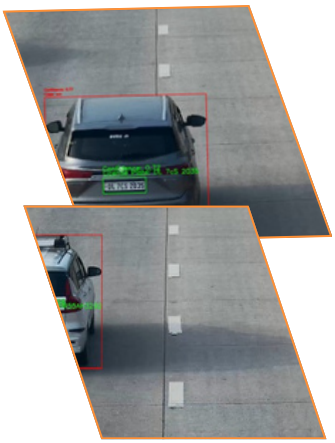
KEY ANALYTICS

Incident & Event Detection(VIDS)

- PPE Detection for safety compliance
- Person Detection and Counting for crowd management
- Item Counting for checkout and loss prevention
- Asset Monitoring for inventory security
- Accident detection
- Crowd Anomaly Detection
- Face Recognition
- Red Light Violation & No helmet detection
- Wrong Parking & Stilled Vehicle
- Wrong direction driving

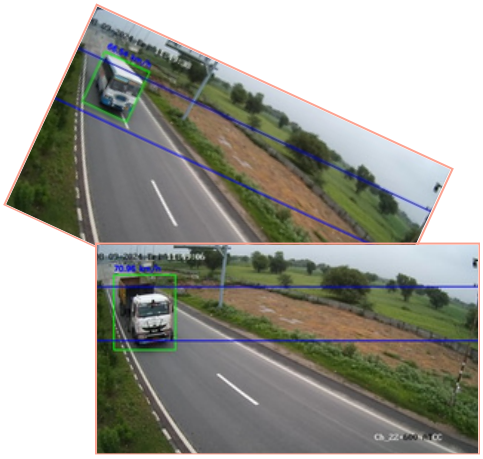


Number Plate Recognition(ANPR)

- High-Accuracy Plate Detection and Recognition
- Real-Time Recognition, Vehicle images with frames Multi-Format Plate Recognition
- Day/Night Capture
- Confidence Scoring
- Pattern Matching

Speed Detection(VSDS)

- Accurate Speed Measurement
- Multi-Lane Coverage
- Camera-Based (Video Analytics)
- Plate and Speed Pairing
- Violation Recording
- Ticketing Automation
- Configurable Speed Limits
- Real-Time Alerts & Customizable Notifications



Vehicle Classification & Counting(ATCC)

- Vehicle Counting
- Vehicle Classification with multiple classes/types
- Vehicle images with frames
- Real-time alerts for camera status
- Vehicle axle and length identification
- Uniquely designed dashboard available in both dark and white mode
- Real-time analytics on traffic

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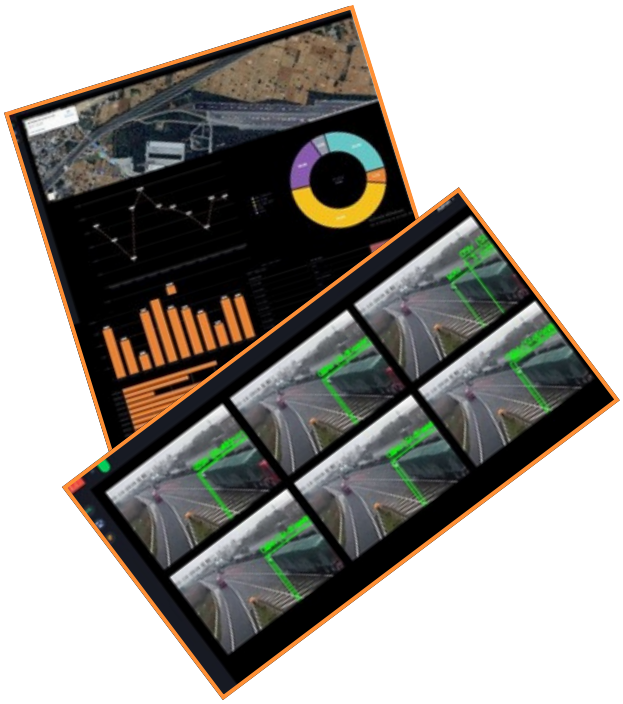
FLAGSHIP DASHBOARD

Intelligent & Integrated Command And Control Application Dashboard(I2C3)

Unified Monitoring and Control

- Centralised Data Integration: Collect and display real-time data from various sources (e.g., traffic systems, CCTV cameras, weather stations, IoT sensors, public transport, etc.) on a single platform.
- Multi-System Integration: Seamlessly integrate with diverse subsystems, such as emergency services, traffic management, utilities, law enforcement, and public safety.
- Live Feeds and Dashboards: Display live video feeds, sensor data, and metrics in real-time, on a single, customisable dashboard for quick analysis and response.



Real-Time Analytics and AI Integration

- AI-Based Predictive Analytics: Use machine learning and AI to analyze trends and predict potential issues, such as traffic congestion, crime hotspots, or natural disasters.
- Pattern and Anomaly Detection: Automatically detect unusual activity (e.g., crowding, unauthorized access, or equipment failures) to trigger alerts and enable proactive responses.
- Automated Decision Support: AI-driven decision support systems to recommend or execute actions (e.g. rerouting traffic, triggering alarms, activating emergency protocols) based on real-time data and pre-defined rules.

Security and Privacy

- End-to-End Data Encryption: Ensure that all data, communications, and video feeds are encrypted during transmission and storage to prevent unauthorised access.
- Role-Based Access Control: Implement strict role-based access control, ensuring that only authorised personnel can access sensitive data, systems, or operational tools.

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