Nexora AI Solutions: Products and Services

1 About Us

Nexora AI Solutions is a leading provider of cutting-edge artificial intelligence and automation tools designed to empower businesses in various industries, including retail, logistics, healthcare, and smart infrastructure. We specialize in custom AI development, integration, and deployment services that scale with enterprise needs.

2 Core Products and Services

2.1 NexoraVision (AI-Powered Video Intelligence Platform)

- Real-time object and anomaly detection (e.g., fire, smoke, theft, accidents).
- Vehicle tracking, license plate recognition, and incident reporting.
- Custom model training and integration with RTSP/IP cameras.
- API-first architecture for seamless integration with third-party systems.

2.2 SmartFlow (Traffic Analytics & Optimization Suite)

- Predictive traffic flow modeling using time-series forecasting.
- Dynamic traffic signal control using reinforcement learning.
- Violation detection (e.g., speeding, red light jumping) via radar + camera fusion.
- City admin dashboard with real-time traffic heatmaps and alerts.

2.3 AutoChallan (Automated Violation Management System)

- Radar-based speed violation detection and automatic camera triggering.
- ANPR for license plate recognition and violator identification.
- Real-time challan (e-ticket) generation and delivery via SMS/email.
- Integration with government RTO databases and payment gateways.

2.4 SafeSite AI (Industrial Hazard Monitoring System)

- AI models trained to detect PPE compliance, smoke, fire, and chemical leaks.
- Integration with on-site surveillance and alarm systems.
- Automated alert system with SMS/email/IoT integration.
- Compliance reporting and audit-ready documentation.

2.5 PredictAI (AI-Driven Forecasting Platform)

- Sales, demand, and supply forecasting using AI-based time-series models.

- Anomaly detection in business KPIs.

- Integration with Excel, CRMs, and ERPs for seamless data ingestion.

- Visualization dashboards with custom analytics reports.

3 Deployment & Support

- On-premise, cloud, and hybrid deployment models.

- 24/7 technical support and model retraining services.

- Custom APIs and SDKs for enterprise integrations.

4 Why Choose Nexora?

- Deep domain expertise in real-time AI systems.

- End-to-end solutions from data collection to production deployment.

- Strong focus on ethical AI and privacy compliance (GDPR, HIPAA, etc.).

5 Contact

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