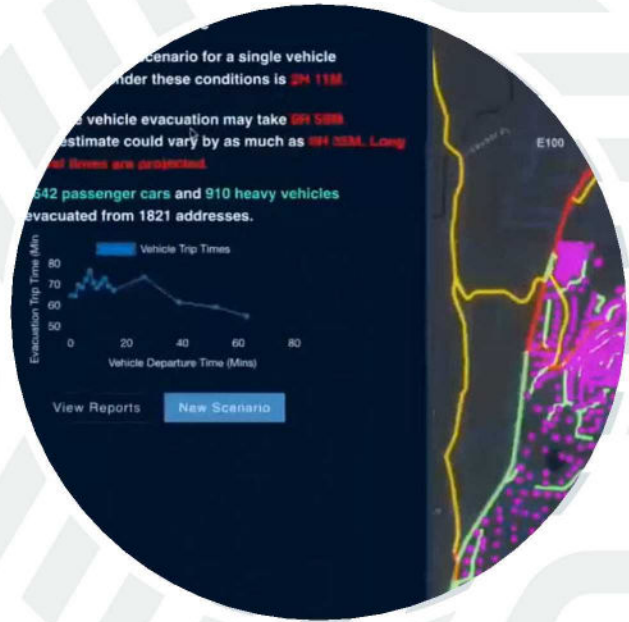# Genasys Protect EVAC Traffic AI. Powered by Ladris

Enhance Decision-Making with AI-Powered Traffic Modeling

Genasys Protect EVAC enables responding agencies to react swiftly, make collaborative decisions more effectively, and communicate information faster. Use pre-determined zones on our collaborative platform to accelerate evacuations during emergencies.

Now, enhance EVAC with **Traffic AI**, Powered by Ladris, to refine evacuation decisions, optimize traffic clearance all enabled by AI-driven traffic modeling.

Genasys Protect EVAC

Accelerated evacuation management with zone-based planning and decision-making

» Data-driven, pre-determined zones with local knowledge input save valuable time in emergencies and evacuations

» Make confident evacuation decisions with data: geographical barriers, railroads, and population

» Send faster, informed evacuation notifications during emergencies to communicate faster and save lives

» Real-time alerts and messages with links to maps through the mobile app and website

» Shareable plans provide arrival points, priority infrastructure updates, traffic control points and more

EVAC Traffic AI. Powered by Ladris

Real-time traffic intelligence to optimize evacuation decisions and strategies

» Estimate traffic clearance times, choke points, and impacts of development with predictive modeling

» Test evacuation alternatives for clearance times in real-time evaluation

» Identify traffic infrastructure investments for prioritized improvements

» Evaluate impacts of new developments and urbanization on traffic and congestion

EVAC with Traffic AI. Powered by Ladris

Optimize zone-based, rapid evacuation planning with real-time traffic information.

» Optimize evacuation decisions based on live traffic data

» Refine zone telemetry with AI-powered models

» Rapidly communicate changes to evacuation and repopulation plans based on traffic intelligence

» Include contra flow patterns to evacuation plans to help people get to safety

The data modeling aids our team beyond just evacuation planning; it also provides important data that can be used for fuel removal planning along evacuation routes and help identify potential infrastructure improvements."

Steve Monaghan Chief Information Officer & OES Director
County of Nevada – Ladris customer

Before Disaster Strikes: Be Prepared with Genasys Protect EVAC Traffic AI. Powered by Ladris.

Gain visualization by utilizing AI-powered predictive forecasting to simulate countless "what-if" scenarios. Enhancing EVAC with in-depth situational awareness enables highly effective, data-driven decisions.

Benefits

Enhanced Decision-making

Utilize in-depth situational awareness to optimize resource allocation, streamline traffic management, and scale response efforts effectively.

Rapid Response

React promptly to emergencies by visualizing real-time, accurate event progression data on the map, all with Genasys Protect EVAC Traffic-AI. Powered by Ladris.
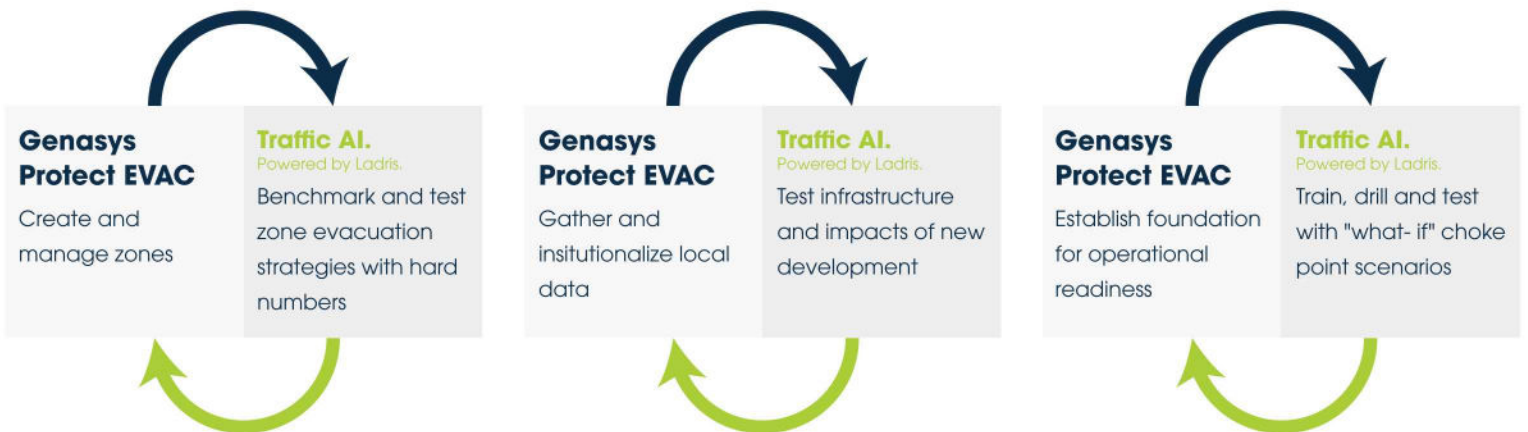
Continuous Improvement

Ladris continuously improves predictive capabilities as AI accesses more information and encounters a wider range of scenarios.

Predictive Modeling

Conduct hundreds of simulations to gain insights and adapt to gaps and bottlenecks within your evacuation network.

BE READY WHEN IT MATTERS WITH CONTINUOUS IMPROVEMENT

Genasys Protect EVAC
Create and manage zones

Traffic AI.
Powered by Ladris.
Benchmark and test zone evacuation strategies with hard numbers

Genasys Protect EVAC
Gather and insitutionalize local data

Traffic AI.
Powered by Ladris.
Test infrastructure and impacts of new development

Genasys Protect EVAC
Establish foundation for operational readiness

Traffic AI.
Powered by Ladris.
Train, drill and test with "what- if" choke point scenarios

About Genasys Protect

Genasys Protect helps first responders and emergency managers deliver accurate, actionable communication to the people who need it. Genasys Protect allows first responders and emergency managers to react quickly to unexpected events and emergencies with razor-sharp precision using flexible zones, predictive simulation, emergency warning and mass notification solutions. Community members can stay informed and receive real-time alerts and notifications through multiple channels, including through the Genasys Protect website or mobile app. Visit **www.genasys.com**

About Ladris

Ladris Technologies is the leading provider of artificial intelligence models that forecast the impacts of man-made and climate-driven disasters on infrastructure and population for use by governments and enterprises. Ladris AI enables users to create dynamic evacuation simulations before, during, and after emergency events with quantified evacuation times and traffic congestion conditions, allowing users to analyze "what-if" scenarios that show how specific changes may impact readiness, response plans, and operations. For more information, visit www.ladris.com.

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