

# IntelliConnect

## ML / AI Solutions

IntelliRoad is the industry's one-of-a-kind solution that creates a truly holistic picture by combining traffic hot spots, live traffic incident and congestion detection with visualization and predictive analytics, all while connecting vehicles, traffic management centers (TMCs), infrastructure, and more.



### Historical Analytics

Elevate the organization's knowledge of hot spots  
Enhance and refine the management center's experience-based intuition with data-based historical insights



### Virtually Real-Time Information

Graph average speed and volume along with live traffic from roadway cameras  
Receive automated alerts based on configurable thresholds of average speed and volumes  
Confirm incidents and congestion buildup with live camera feeds and monitor vulnerable segments (e.g. work zones)



### Predictive Analytics

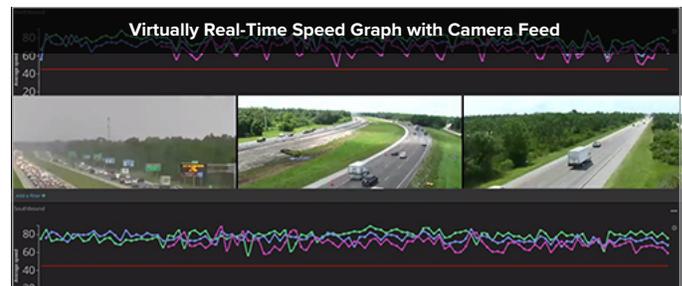
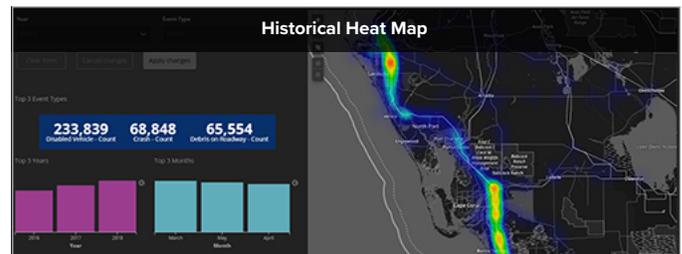
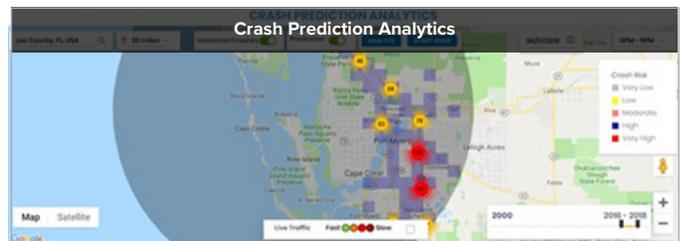
Proactively schedule and deploy emergency responders with knowledge of what may happen  
Plan better for holidays, events, and emergencies

### Additional Features Include:

- ▶ Operator's performance measurements for TMCs and open roads policy monitoring
- ▶ Roadside assistance operators performance by events and zones
- ▶ Operators performance for camera turns and event identification
- ▶ Reduction of secondary crashes

### A Solution-as-a-Service to:

- ▶ Reduce fatalities, injuries, & impaired driving incidents
- ▶ Protect vulnerable road users
- ▶ Improve operational efficiency of TMC operators and roadside assistance operators
- ▶ Complete roadside assistance operator insights and performance



## Connect to Any Data Source



Crash Data



Weather Data



Event Data



Alcohol Sales & License Data



Traffic Data



Social Media Data



Congestion Data



Road Closure Data



HERE Data



Connected Vehicle Data



Legacy Data



Roadside Camera Feed

... and many more

With IntelliRoad, a highly configurable, flexible, and scalable out-of-the-box market-leading solution developed with Silicon Valley technology under the guidance of seasoned transportation professionals, you can:

- ▶ Host on premises, in any cloud, or in a hybrid model
- ▶ Seamlessly integrate with your enterprise-wide systems, with no (or minimal) need for additional hardware or software
- ▶ Unlock your data from disparate silos, while you maintain full control of your data, avoiding vendor lock-in
- ▶ Future-proof your investment by effortlessly integrating additional data from any new hardware, devices, or sources
- ▶ Provide user access based on their roles and responsibilities using your existing log in systems
- ▶ Keep it evergreen: no end-of-life, since continuous integration and deployment processes regularly upgrade and enhance the system
- ▶ Empower your staff to focus on the business rather than managing IT systems or hiring contractors

### Unlock the Suite of all Kyra's Solutions:

- ▶ Historical Analytics
- ▶ Predictive Analytics
- ▶ Virtually Real-Time Roadway Performance
- ▶ Video Analytics
- ▶ V2X Solution
- ▶ Augment/Complement ATMS Solutions

Vision Zero

Accelerating progress to vision zero through connected and managed roadways

Price for GDOT

Stand-Alone Solutions		Annual License	Annual License	Annual License
		Small	Medium	Large
ML/AI System	Data Standardization that includes Data Ingestion, Data manipulation, Data Integrator, KPI, Alerts/Workflow, etc.	Number of sources 2-5	Number of sources 5-25	Number of sources >25
		Number of data points - upto 20	Number of data points - Upto 40	Number of data points >40
	Central System, map view with layers, predictive model, reporting, etc.	\$145,000.00	\$225,000.00	\$300,000.00
	Model Training	\$35,000.00	\$60,000.00	\$100,000.00
	<b>Total</b>	<b>\$175,000.00</b>	<b>\$285,000.00</b>	<b>\$400,000.00</b>
Installation and set-up	One-time charge	\$25,000.00	\$35,000.00	\$45,000.00
Cloud Hosting	Cost will depend on the scope and data	\$25K to \$150K per year		