

TRB EMS Subcommittee ANB10(5)

EMS Safety Summit 2012 Safety Systems, Strategies and Solutions

Predictive and Telematics Technologies

Nadine Levick MD, MPH
Chair ANB10(5)

CEO, Research Director EMS Safety Foundation

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OF THE NATIONAL ACADEMIES

A lot is now possible and for less!

- Driver behavior
- Vehicle behavior
- Roadside ITS
- Fuel consumption/Economics
- Resource modeling

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How?

- Deployment technology tools
- Invehicle telematics
- Smartphone telematics

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Whats out there?

- Integrated systems with mapping, safety and economy
- Deployment systems
- Driver management systems
- Intelligent transport system

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Fleet Management technologies

- ACETech/Ferno
- FleetEyes – Intermedix
- Zoll rescuenet and roadsafety fleet management systems
- Marvlis
- Telematicus
- Priority Dispatch
- Optima
- Northrop Grumman

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ACETech/Ferno

ACETECH 877.733.0911

Integrated Vehicle Intelligence System

ACETECH is a fully integrated, vehicle performance monitoring & control system with carbon credit, on-board intelligence. ACETECH REMOTE can be installed on any vehicle, and will continuously monitor your vehicle's engine, electronics and components to alert you to any issues every hour of operation.

Intelligence and insight empower you to elevate the efficiency and safety of your vehicles and staff, while reducing your fuel and operating costs.

Click Modules to the Right to Learn More

Click HERE to WATCH THE WEB SEMINAR

ACETECH SYSTEM The ACETECH Integrated Vehicle Intelligence System offers complete turn key modules to provide you with industry leading visibility and control of operational metrics, emissions vehicles, and your entire fleet.

ECO, I/O, AP, ECU

ACETECH™ Web

- Mapping, reports, alerts, hotspots, vehicle data

ACETECH

MAP REPLAY REPORTS TASKS SETTINGS

Vehicle Name: [Name]

Vehicle Type: [Type]

Company: [Company]

Address: [Address]

Latitude: [Latitude]

Longitude: [Longitude]

Speed: [Speed]

Engine: [Engine]

Oil Change: [Oil Change]

Level: [Level]

Map, Location, Vehicle

Fleet eyes

fleeteyes

PRODUCTS SOLUTIONS COMPANY CONTACT NEWS PARTNERS

intermedix

EMERGENCY SOLUTIONS

Fleet eyes is currently designed to meet the needs of emergency services fleet management with advanced, real-time monitoring, by managing fuel efficiency, and emergency response.

Need more information or want to schedule a demo? Contact us at [Phone Number] or [Email Address].

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ZOLL systems

ZOLL

PRODUCTS MARKETS SERVICES SUPPORT EDUCATION ABOUT US RESOURCE LIBRARY

EMS Market Resources

Related Products

- RescuNet Billing
- RescuNet Code Review
- RescuNet Crew Scheduler
- RescuNet Dispatch
- RescuNet ePCR
- RescuNet Flight
- RescuNet Insight
- RescuNet Link
- RescuNet Navigator
- RescuNet Resource Planner
- RescuNet Road Safety

RescuNet Experience Video

EMS

RescuNet is a completely integrated suite of software solutions for every aspect of EMS operations.

In the fire and emergency medical services industry, you face complex challenges every day. While costs skyrocket and budgets plummet, you need to provide quality patient care AND maintain a competitive advantage. With state and federal mandates in place, your operations must be more efficient than ever before. The good news is that technology has revolutionized the industry and ZOLL is leading the way with their RescuNet suite of data management solutions.

- RescuNet reduces duplication of processes and simplifies data sharing.
- RescuNet increases efficiency and data accuracy.
- RescuNet improves patient care, enhances quality of service and maximizes performance.

RescuNet is a fully integrated data management system that gathers and centralizes information and links the entire pre-hospital chain of events into a single system. It offers the quickest, easiest way to improve your business and clinical operations, and it's the only data management solution of its kind for fire and EMS organizations. RescuNet's open, Windows-based architecture delivers seamless integration with legacy systems, and provides scalability to grow your system as fast as you grow your business. As the suite of installed components expands within your organization, so do your benefits.

Telematics

Telematics

Improving Fleet Efficiency, Safety and Environmental Impact

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Global Green Drivers

Changing the way that private commercial fleets is collected, accessed and handled with an innovative software application that runs on all major mobile and handheld platforms.

Efficiency

Improving operational efficiency by providing drivers with real-time information that requires the flexibility and durability to improve processes in a cost-effective way with a rapid return on investment.

Safety

Improving driver safety when the status of the fleet or managing the GPS you require the tools to manage time and providing information at the right time and in the right place.

Environmental

Increasing the progress of the environmental goals of fleets, by providing the right information at the right time with sustainable software.

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Telematics

Fleet Management capability

Vehicle database

- Individual vehicle/ data
- Fleet mileage collection/Checklists
- Link to other systems (SAP, Fleet)

Maintenance & Service Plans

- Repair history & Scheduling
- Action planning

Reporting

- Export to Excel for manipulation
- Scorecards views, Crystal Reports reporting
- Direct Feedback

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Optima

Demand/Resource analysis and modeling and base location planning

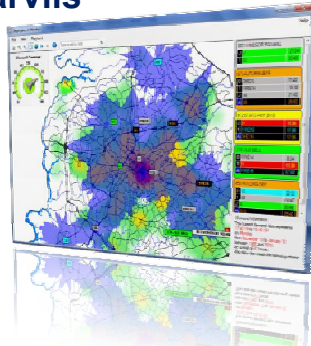


Northrop Grumman



Marvlis

- The dashboard calculates:
 - current percent of demand coverage
 - three closest vehicle recommendations for recent incidents
 - realistic travel time estimates for each possible responder



Marvlis

- The web interface:
 - individual choice of reference maps
 - integration of AVL/ARL and other live feeds
 - native Android client
 - creation/update of spatial data direct to ArcGIS Server
 - customization options to extend functionality



Priority Dispatch



SAAB



911ETA – Integrating geolocation of Emergency Vehicles and the Public



911ETA

- Alerts the public in the vicinity of responding emergency vehicles.
- Motorists are alerted on their Smartphones or in-dash navigation system
- Takes exact location of each responding emergency vehicle (Police/Fire/EMS) and reports that to other responders.
- Allows Emergency Vehicles to improve response times and greatly reduce accidents.



911ETA



Spectrum of dimensions

- CAD
- Resource allocation
- Fleet performance –
 - Monitoring: System that gives management data of vehicle efficiency and use
 - Feedback: Directly to drivers at the wheel
- Public Alerts

