



“ISE brought superior and specific telematics industry knowledge to our organization and worked as a strategic and operational business partner. Their development expertise and quality processes led to product reliability and growth. Their commercial vehicle telematics savvy is unquestionably a core strength.”

Daniel Lindberg
VP and General Manager
Navistar Electronics

Telematics: Navistar, Inc.

Navistar, a leader in the transportation industry, chose ISE to be an extension of their team to develop select software for the AWARE™ Vehicle Intelligence telematics product. With AWARE™ customers can track their vehicle’s performance in real-time, enabling them to increase truck up-time and control fleet costs. ISE was chosen because of their significant experience in the telematics industry, wireless domain knowledge and process driven approach to product development.

Comprehensive Partnership

ISE worked as a core extension of the Navistar team to provide a comprehensive set of services including software development, systems engineering, project management and quality assurance. ISE and Navistar worked together to design, develop and implement specific software system components which enabled quick responses to market demands.

Services Provided

- *System Engineering.* ISE provided robust and modular end-to-end software designs, ensured sub-system compatibility, performed requirements capture for many software features and oversaw change management.
- *Project management.* ISE provided detailed coordination across software development teams, maintenance of development project plans, management of risks and regular written status reports.
- *Software Development.* ISE used their extensive telematics experience and advanced development tools to execute rapid development cycles.
- *Quality Assurance.* ISE provided a dedicated quality assurance team and utilized a test lab to run automated and manual scenario testing to ensure data integrity, performance and robustness.



“ISE led our end-to-end telematics software development and brought a wealth of experienced technical talent, best-in-class software development processes and rigorous project management to our organization”

Anil Bansal
Director of Electrical Engineering
Navistar, Inc.



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Process improvements

ISE helped implement robust and repeatable processes specific to the AWARE™ Vehicle Intelligence product. As part of the improvements, ISE introduced end-to-end system testing and quality assurance procedures and also established a formal communication system amongst different stakeholder groups. These improvements led to better team communication, greater efficiency, and a high quality product.

Operations Support

ISE supported AWARE™ Vehicle Intelligence operations team by coordinating and assisting with new product deployments, executing sophisticated performance testing and supporting the development of operational monitoring tools.

Product Overview:

AWARE™ Vehicle Intelligence

AWARE™ Vehicle Intelligence transforms any truck into an advanced business machine. AWARE™ is an integrated telematics system that relays valuable, real-time information about how trucks are being driven and how they are performing. It provides total integration of wireless communication, vehicle-monitoring systems and GPS. Customers are able to monitor fuel economy, idle time, maintenance scheduling, and even fault codes to help head-off problems, control costs, and improve uptime.¹

Customer Benefits

Drivers and fleet manager save time and money with simple, automated and streamlined reporting. Vehicle location and mapping helps optimize vehicle routing and driver efficiency. Customers can review daily driving activity to increase efficiencies. AWARE™ also helps to determine more efficient maintenance schedules and repairs, which increases uptime.

¹Reference: www.navistar.com

About ISE

ISE is a leading full-service software development and system integration firm providing business strategy, program management, systems engineering, software development and quality assurance services. ISE specializes in developing telematics solutions, enterprise mobility applications and custom software tailored to customers' unique needs. Customers come from a wide range of industries including communications, education, telematics, transportation and health care.