

LMI

LogSmart™ Fleet

The Toolkit to Manage Any Fleet

LogSmart™ Fleet is an agile product development success story. It demonstrates the capability of LMI's Forge™ to utilize agile methodology to rapidly develop innovative complex solutions like this one, which enables significant reduction in time to value for LMI clients.

Reusability Decreases Time to Value

LMI leverages fleet management experts along with modular, innovative solutions structured around reusability, scalability, and long-term organic sustainability. LogSmart™ Fleet is a purpose-built solution utilizing widely available technologies, enterprise-wide authoritative data sources, and existing client data environments and infrastructure to facilitate comprehensive and extensible fleet management analysis and predictive maintenance concepts.

The following are examples of completely reusable LogSmart™ Fleet components:



Synthetic Data Generation: Drive powerful fleet analytics by utilizing advanced reliability analysis and asset aging to rapidly generate representative data. While actual data is always preferable, the ability to generate representative data rapidly and early during the development phase allows early prototype efforts to get "off the ground."



Sensor Data Scorecard and Processing: Quickly evaluate sensor data fidelity for prognostics and predictive analytics. Optimize scalability of sensor data outputs by leveraging high volume data.



Modularity of the Application Framework Enables Rapid Development: Five independently developed configurable modules ensure low rebranding effort. Several modules have been used to kick-start other Forge™ applications like the LogSmart™ Supply Chain Resiliency application.



Flexible Data Framework: Quickly display information about fleet organization, maintenance and usage history for vehicles, upcoming scheduled maintenance, and fleetwide key performance metrics. Rapidly create predictive twins and forecast demands across asset types.

These flexible and reusable data schemas can be quickly adapted to a variety of different fleets and other assets critical to our clients' operations.

[➔ Learn more at lmi.org](#)

From the beginning of LogSmart™ Fleet, the code, repository structure, and data design were all built around re-usability."

LogSmart™ Fleet developer



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