

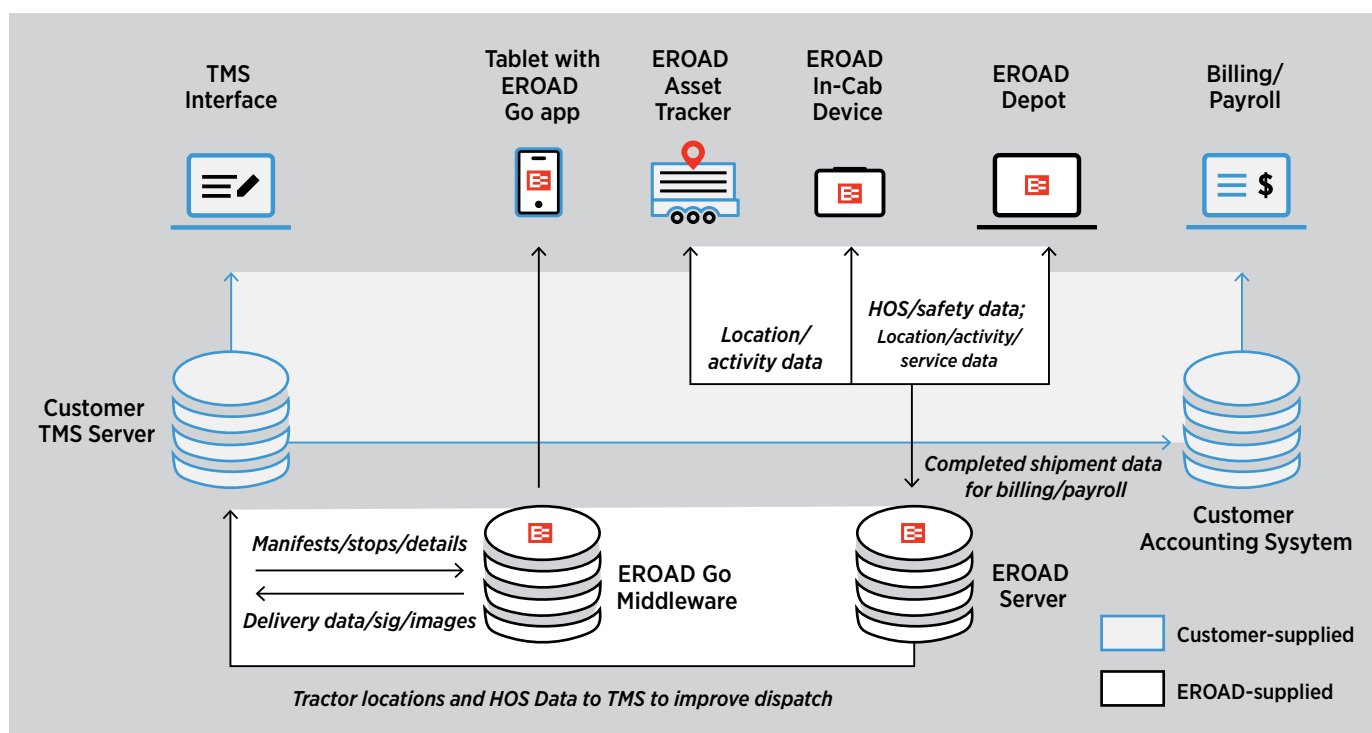


EROAD Go

Technical Overview of the EROAD solution

The EROAD solution architecture spans six key elements that deliver a robust and secure fleet management solution. EROAD has built an entirely new kind of technology platform for the transportation sector – designed from the ground up to meet the highest performance, financial and evidential standards. With a foundational excellence based around data integrity, our secure platform generates accurate data that enables effective operations and automates record keeping and tax and compliance reporting.

EROAD Solution Architecture



Data Security and Privacy

EROAD policies and procedures are aligned to internationally accepted control objectives and practices for privacy, security and information systems. These include our hardware being certified by FIPS (Federal Information Processing Standard) 140-2 Level 3, Common Criteria EAL2+ ALC_FLR.1 and United States Government Accountability Office Audit and Security Guidelines.

Summary of EROAD Technology Solution Elements

Ehubo In-cab Hardware

EROAD's Ehubo in-cab hardware measures distance travelled, safety incidents and driving behaviors with a high degree of accuracy, using a combination of internal and external sensors, rapid GPS satellite pings and inertial sensors. The Ehubo has been specifically designed to be tamper-evident, operate at a wide range of temperatures with internal battery and backup capability. The hardware securely captures and transmits distance, location, route and a variety of additional operational data from the vehicle to EROAD's secure web-based platform called the Depot.



Depot web-based platform

The Depot software applications are hosted on the Amazon cloud infrastructure, offering unparalleled performance, redundancy and security against unauthorized access. EROAD achieves an industry-leading 99.98% service level uptime and satisfies tax and compliance record keeping requirements by retaining and storing tax records for at least six years before archiving, and vehicle data for 12 months.



EROAD Go middleware platform

EROAD Go middleware is hosted on the Microsoft Azure cloud platform, a highly secure foundation offering industry-leading compliance and privacy certification, with built-in security controls and threat intelligence. This platform enables Workflow to operate at 99.95% availability and scale rapidly without disruption to customers. EROAD Go is built to DoD/HIPPA security and privacy standards, with data fully encrypted in transit and at rest. "Ready to deploy" TMS integration options include McLeod LoadMaster 17.1 or higher (requires EROAD Mobile Integration Module), TMW TruckMate 2015 or higher (requires TruckMate Mobile Communications SOAP API Server and Middleware) and TMW Suite (with Total Mail).



EROAD Go mobile app

The EROAD Go mobile app is built on the Android platform and can be used on phones or tablets running Android v4.4 or higher. Lightweight and efficient, the app is designed to be easy for drivers to learn and use. Robust design ensures no activity data loss when used in real-world conditions and edge cases, like being outside of data coverage or receiving dispatched route changes overlapping with activity.



EROAD APIs

EROAD APIs enable you to integrate valuable EROAD data into your transportation management, payroll or other business software for consistent and accurate reporting. EROAD provides a complete set of API Developer Resources and an easy API workflow to make getting started with integration fast and easy.



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