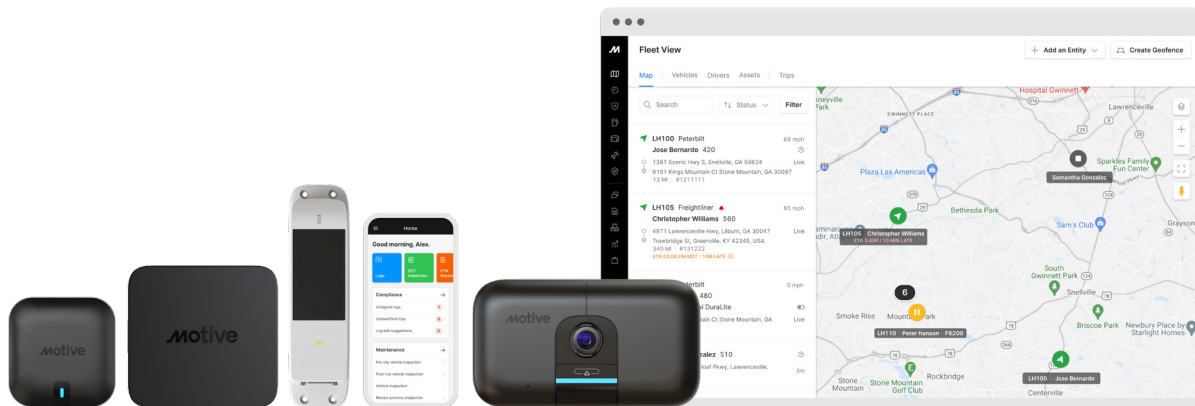




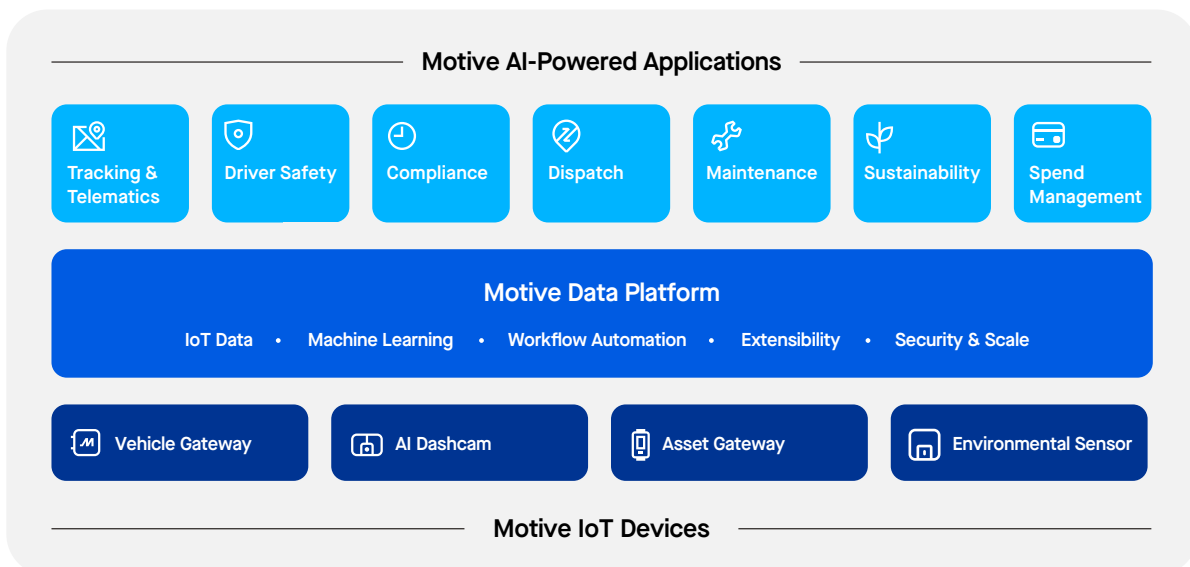
System Overview

Motive builds technology to improve the safety, productivity, and profitability of businesses that power the physical economy. Our IoT hardware connects vehicles, equipment, and facilities to the cloud while our AI-powered applications automate vehicle and equipment tracking, driver safety, compliance, maintenance, spend management, and much more.



Integrated platform

The Motive platform has 3 main layers. First are the Motive IoT devices which are designed and built from the ground up by Motive. Second are the broad set of AI-powered applications used to automate the management of physical operations. Third is our data platform which provides a shared, secure and scalable foundation for our connected IoT devices and AI-powered applications.



Architecture & Hosting

Leveraging Infrastructure as Code (IaC), Motive applications run on AWS secure, elastic cloud, across multiple availability zones. AWS cloud infrastructure is ISO 27001 and SOC 2 Type II certified as well as the recognized leader in Cloud Infrastructure & Platform Services. Our design and deployment, in alignment with best practices, eliminates the risk of a single point of failure and ensures service availability regardless of fleet size.

Extensibility

Meeting the unique needs of the physical economy and aligning with an expanding ecosystem, the Motive platform supports various customizations and integrations. No-code customizations covering reporting, workflows, forms, and automations reduce the burden on dev teams and make customizations possible for non-developers. Our Developer Portal and open APIs enable custom integrations and our App Marketplace offers a plethora of pre-built, partnered integrations covering TMS, Maintenance, Insurance, Heavy Equipment, and more.

Data Management

Motive processes hundreds of millions of data points (and growing) every day. We've developed a fully-managed, distributed system for advanced data processing. An industry leading data science team and proprietary data analysis supports state-of-the-art machine learning and AI capabilities. All data at rest is held on an encrypted storage medium using AES-256. Motive enforces in-transit encryption with HTTPS using RSA certificates and a minimum public key length of 2048 bits. Motive's platform shares data across our AI-applications to drive automations, scoring, workflows, reporting, and more. To empower 3rd party business intelligence tools, the platform supports data export via API, webhooks, and Snowflake data shares.

Security

Motive is compliant with SOC 2 requirements covering Security, Availability, Process Integrity, and Confidentiality. In addition, Motive supports Single Sign-on (SSO) and Multi Factor Authentication (MFA). At a product level, Motive supports user authorization via roles and permissions.

¹ AWS named a Leader (placed highest in Ability to Execute and furthest in Completeness of Vision) in the Gartner Inc. "Magic Quadrant for Cloud Infrastructure and Platform Services", Raj Bala, Bob Gill, July 2021

IoT Hardware

Designed and built by Motive, our IoT hardware is an integral component of the platform. Advanced designs supporting the Society of Automotive Engineers (SAE) J1445 standard for rugged environments deliver real-time data streaming and continue to collect and store data even when offline. Where applicable, our hardware uses 4G LTE, Wi-Fi, and Bluetooth connectivity. All devices use over-the-air firmware updates when devices are not active. Firmware images are signed and transmitted over an encrypted connection to the cloud using Transport Layer Security (TLS) 1.2 with Advanced Encryption Standard - Galois/Counter Mode (AES-GCM).

Mobile Applications

With millions of downloads, the Motive Driver App helps drivers stay compliant and connected to the back-office. The Motive Fleet App mirrors key Fleet Dashboard features for fleet managers who are on-the-go. Performance and reliability are critical to help ensure driver compliance and to support clear communications. Both iOS and Android apps are built with native code and adhere to the rigorous standards outlined by Apple and Google. Intuitive design, no-code customizations and widgets, and in-app messaging all contribute to our high app store ratings.

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