

Unlock the Value of Data in Connected Cars



The Modern Connected Vehicle

A modern connected vehicle creates up to 25GB of data per year, up from a few hundred megabytes per year just a few years back. Connected vehicle platform providers face several challenges such as intermittent connectivity, massive load peaks during rush hours, and diminishing performance at scale. They need the right technology in place to meet customer expectations for a seamless connected vehicle experience.

With HiveMQ our Customers Achieved

\$50M

Savings Per Year

With Route
Optimization

10M

Cars Connected

with 150K Added
Each Week

100MB

Data Transmitted

Per Vehicle
Per Day

HiveMQ Drives Business Benefits

Personalized in-vehicle experiences:

Customers can tailor everything in-vehicle from navigation routes to entertainment options to individual preferences.

Remote diagnostics:

Operators gain valuable insights and optimize performance by monitoring the performance and health of vehicles in real-time.

Remote vehicle control:

Customers gain real-time control of vehicles through mobile applications including lock/unlock doors, start/stop engines, and more.

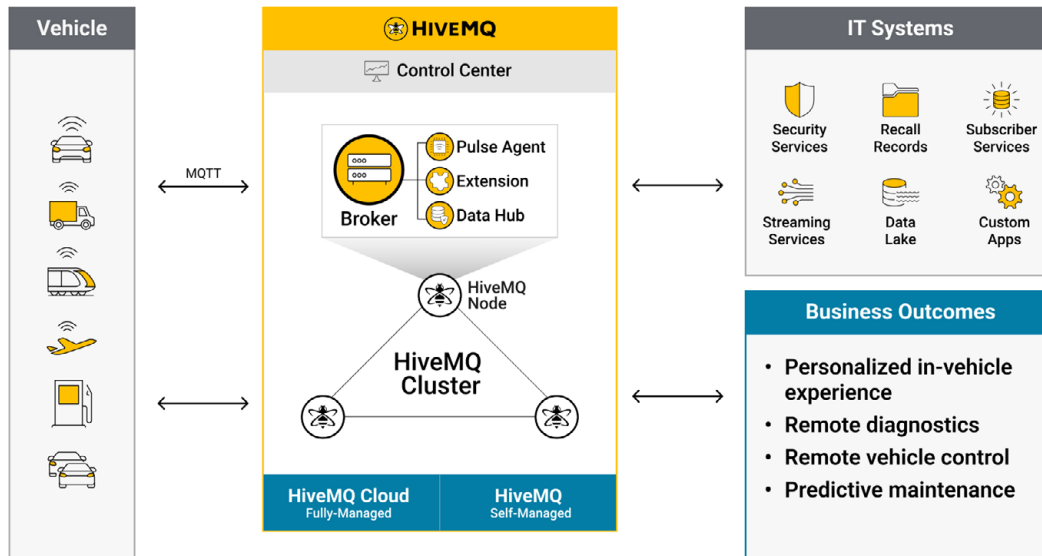
Predictive maintenance:

Maintenance managers can identify patterns that indicate potential issues and provide alerts to reduce the risk of breakdowns.

HiveMQ Customers



Connected Vehicle Typical Deployment



Enterprise-grade MQTT broker with high availability and fault tolerance.

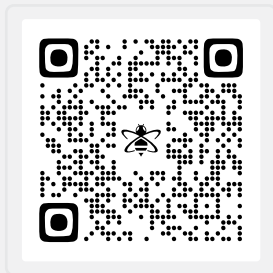
Minimal latency for real-time automotive applications.

Scales seamlessly from a single car to millions of connected vehicles.

Integrates with AI, IoT, and cloud platforms to enable smart mobility solutions.

Business Outcomes

- Personalized in-vehicle experience
- Remote diagnostics
- Remote vehicle control
- Predictive maintenance



Request a demo



“The biggest advantage for HiveMQ is we have a reliable and scalable solution. It just works. We tried out some other brokers but HiveMQ is the only one that was a seamless integration. If we didn’t have such a reliable partner as HiveMQ we would drift our focus from the platform itself and its features, which at the end of the day is our core value.”

Dennis Grahovac / Rimac Technology

Data and the Connected Vehicle

Technical Benefits

Business Critical Reliability

- Zero message loss with persistence to disk and offline queuing
- No single point of failure due to masterless cluster architecture and zero downtime upgrades

Scalability to Support Growth

- Elastic scaling with automatic data balancing and smart message distribution
- Proven benchmark of up to 200M active clients with 1.8B messages/hour

Maximum Interoperability

- Runs anywhere on premise or in public or private clouds
- Efficiently connects to streaming applications, databases and data lakes with a Java SDK to build your own

Learn more at www.hivemq.com/solutions/connected-cars/ →