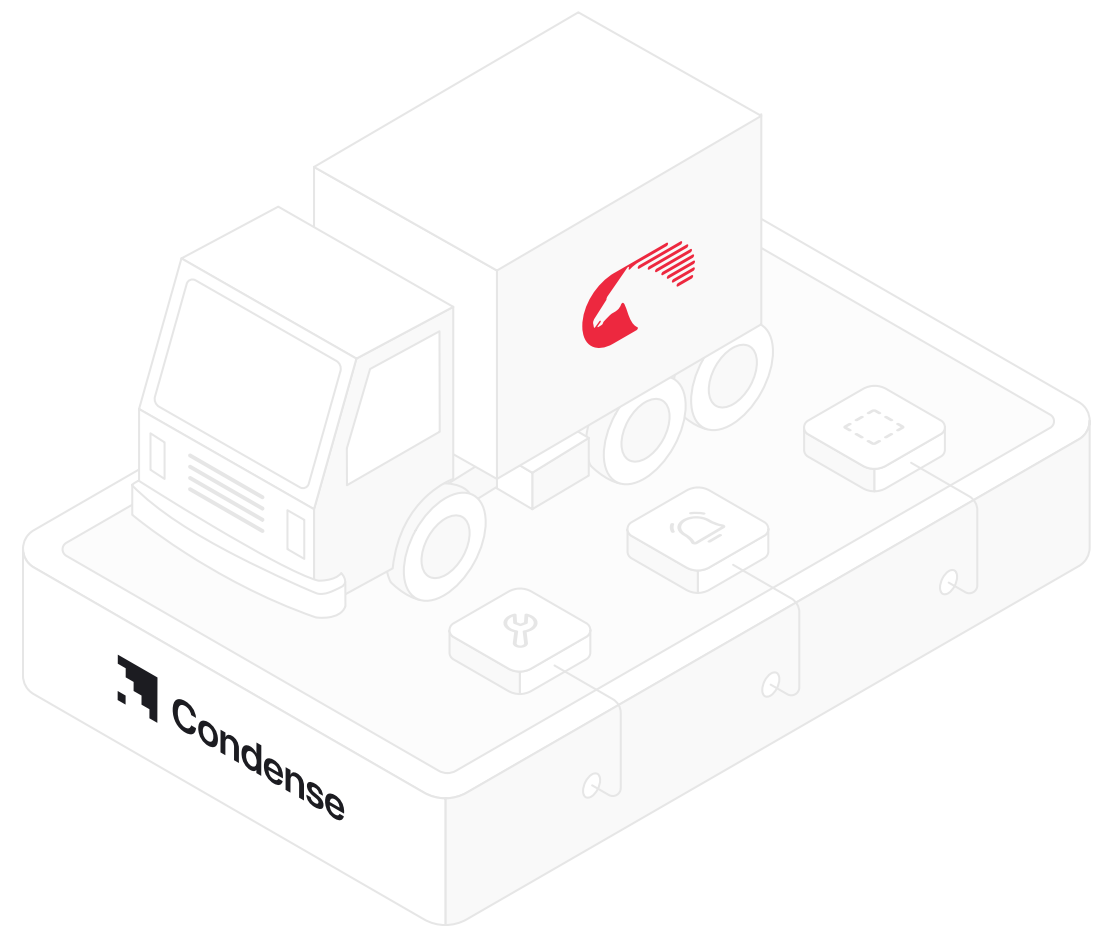


Transforming Connected Vehicle Operations with Real-Time Data Streaming Platform

Customer Profile

VE Commercial Vehicles (VECV), a joint venture between the Volvo Group and Eicher Motors, is one of India's leading commercial vehicle manufacturers, delivering a comprehensive portfolio of trucks and buses for domestic and international markets. Recognized for its engineering excellence and continuous focus on innovation, VECV has consistently leveraged digital technologies to enhance vehicle performance, fleet productivity, customer experience, and after-sales services.



Today, VECV operates one of India's largest connected commercial vehicle ecosystems, with over 250,000 connected vehicles generating real-time operational insights across fleet operations, vehicle health, diagnostics, predictive maintenance, compliance, and customer-facing digital services. This digital ecosystem plays a pivotal role in enabling smarter mobility, data-driven decision-making, and continuous innovation across the commercial vehicle lifecycle.

The Challenge

VECV's competitive advantage lies in developing innovative connected vehicle solutions and delivering differentiated digital experiences to its customers. As the connected mobility ecosystem expanded, a growing share of engineering effort was being directed toward managing the underlying technology stack, infrastructure, and operational complexities required to support these services.

At the same time, increasing volumes of real-time vehicle data, growing integration requirements, and evolving customer expectations demanded faster development and deployment of connected applications. Supporting this expanding digital ecosystem required a scalable technology foundation capable of seamlessly integrating data, applications, and enterprise systems while maintaining reliability and operational efficiency.

The challenge was to redirect engineering focus from platform management to product innovation, enabling teams to accelerate the development of next-generation vehicle capabilities, AI-powered applications, and digital services

The Solution

Working closely with VECV’s engineering teams, Zeliot combined its deep connected mobility expertise with Condense, its AI-powered real-time application platform, to establish a unified foundation for connected mobility innovation.

Rather than treating real-time data streaming, application development, integrations, observability, and operations as independent technologies, Condense unified them into a single platform purpose-built for developing, deploying, and operating connected vehicle applications.

Leveraging AI-assisted development, pre-built mobility components, and an integrated development framework, VECV’s engineering teams rapidly developed applications for fleet intelligence, OTA management, diagnostics, vehicle lifecycle management, engineering analytics, and customer-facing digital services.

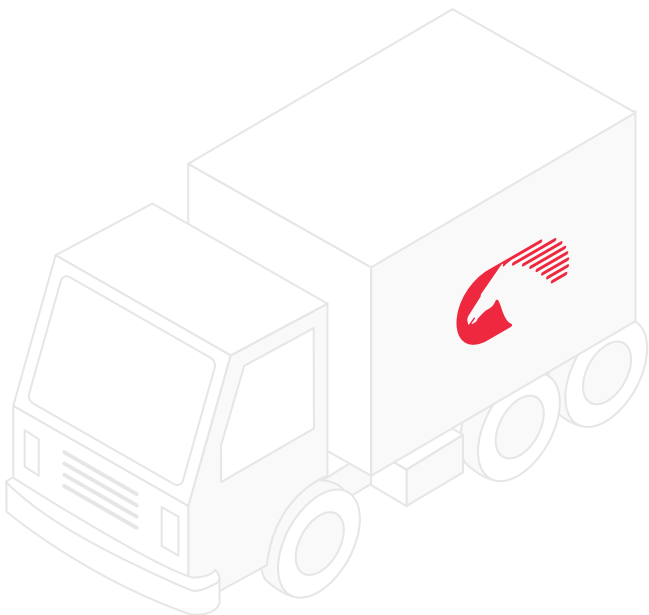
As operational data flowed through the platform, every event was processed in real time, enriched with business context, and delivered across enterprise applications, engineering dashboards, and customer solutions, enabling faster product innovation while significantly reducing engineering overhead.

Business Impact

The collaboration brought together VECV’s engineering leadership, Zeliot’s Condense unified application platform to accelerate digital innovation across the connected mobility ecosystem. The engagement established a scalable technology foundation that supported continuous delivery of connected services, AI-powered applications, and future mobility initiatives. Alongside faster innovation, VECV realized measurable improvements in productivity, efficiency, reliability, and overall cost optimization. The key business metrics and benefits achieved through the engagement are :

METRICS :

-  250 K Connected Vehicles
-  6 Data Sources
-  2 Data Syncs
-  120 MBps Base Throughput
-  500 MBps Peak Throughput

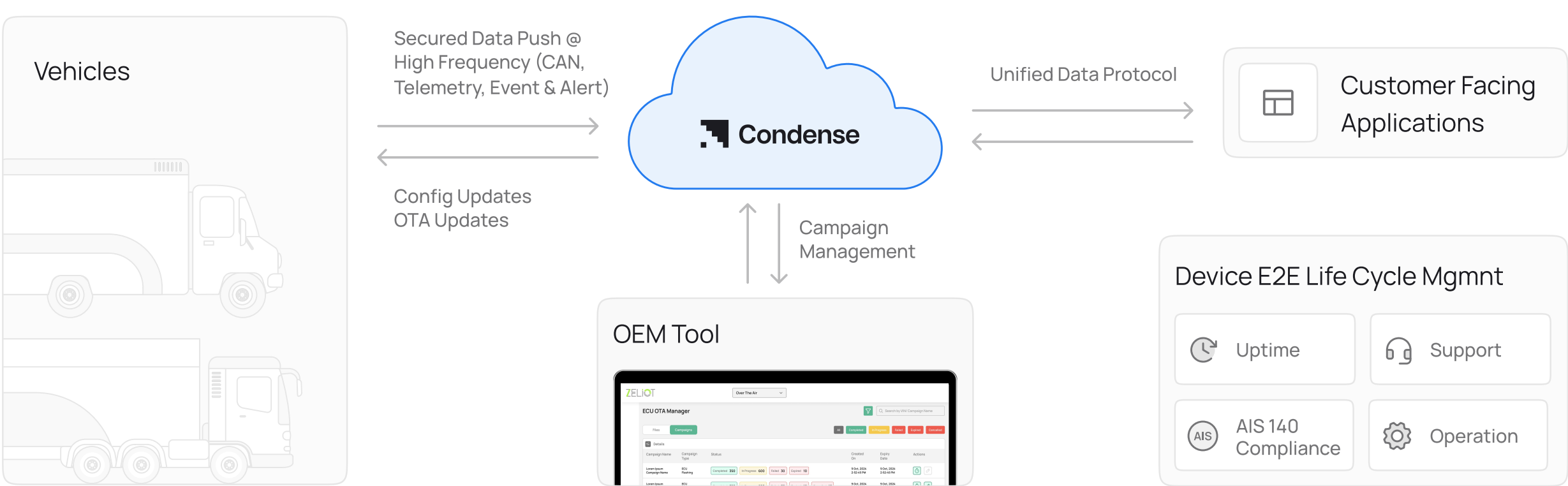


BENEFITS :

-  20 % Reduction in TCO
-  99.95 % Uptime
-  35 % Less Dev & Ops Spend
-  6 Months GTM Acceleration
-  100 % Data Localisation

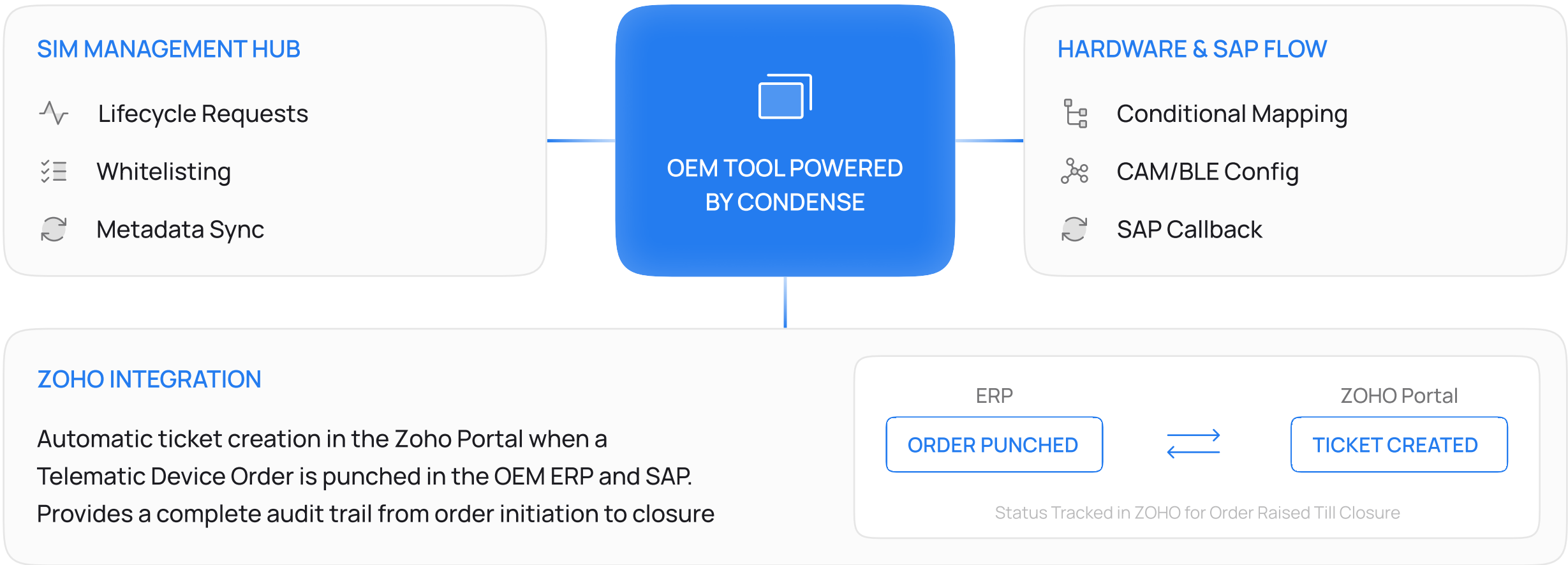
Featured Use Case

OTA and Data Streaming for 250K+ M&HCV variants of Commercial Vehicles



Mobility Ecosystem Integration

Mobility-specific 3rd party system integration enabling OEMs to orchestrate complex lifecycles across connectivity, hardware & support



This engagement demonstrates how strategic collaboration can accelerate connected mobility innovation at enterprise scale. The partnership delivered measurable business outcomes while establishing a strong foundation for future innovation.