AUTOMOTIVE CLOUD PLATFORM
for Vehicle Remarketing and Auctions

Services: Product Engineering & Innovation, Digital Experience, Enterprise Agility

Industry: Automotive
Location: United States

OVERVIEW

The customer is a US based Market-Leading Digital Solutions company for making buying, selling and owning cars easier. Part of a **US$ 20 + Billion** entity, the client offers retail and wholesale solutions to the Automotive Industry including manufacturers, leasing companies, dealers and fleet operators, to measurably grow their profitability and asset value.

They also run the world's largest wholesale Auto Auction based on trade volume with **140+ Auctions Sites** located across North America, Europe, Asia and Australia. They are a leading provider of vehicle remarketing solutions that connect buyers and sellers to the largest wholesale used vehicle marketplace and the prime global auction network.

THE CHALLENGE

To Digitally Transform and enable large scale transactions for its business and multiple users, the client required the following

Mobile App

A digitally enabled multi channel remarketing dealer portal & mobile app for expediting vehicle remarketing to speed up "Leased Vehicle" sales

Sales Portal

A digitally enabled Admin Portal for defining the sales tactics, backend sales ops, automated and manual pricing strategies

Real-Time Transactions

Enable auto manufacturers, dealers, lenders and rental agencies to proactively manage vehicle assets and investments through Real-Time Transactions

Analytics

Manage vehicle assets, inventories, investments through real-time, predictive models and Powerful Analytics

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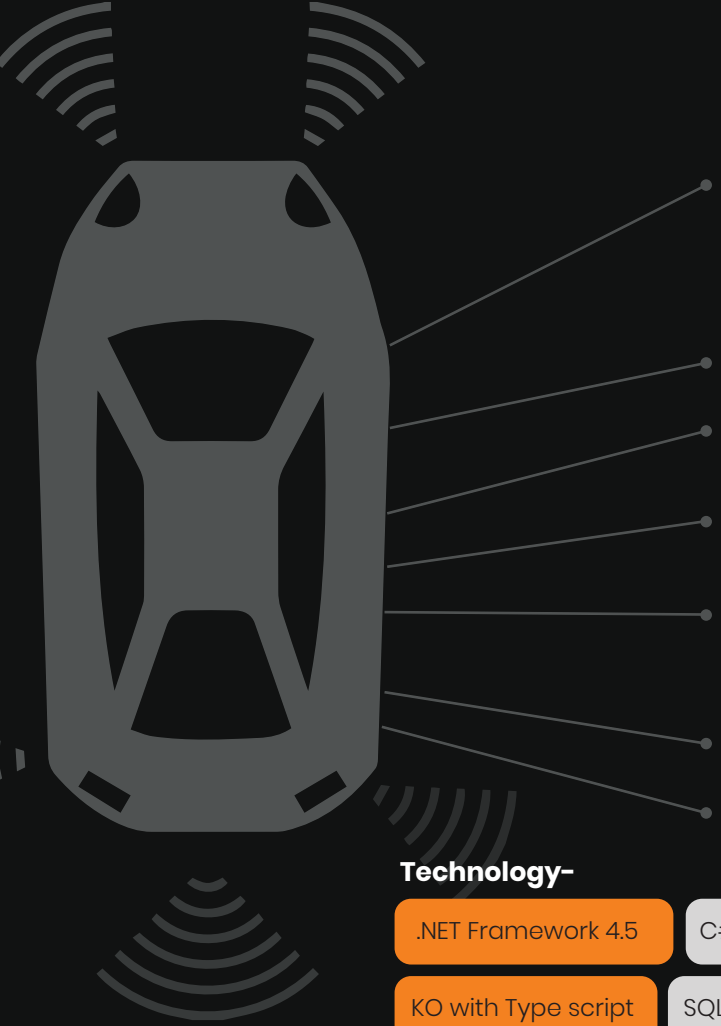

THE SOLUTION

Dealer Portal & Mobile App Development
To enable the booking of new vehicle and pushing out to leasing, vehicle inspection & refurbishment, remarketing refurbished vehicles

Build & Release Engineering

Automation & Performance Testing
Dealer portal testing (iPad Air)

Cloud Hosting & Integration
Azure migration and integration

Distributed Agile Development & DevOps
Continuous integration and delivery team has accomplished 10 Successful Releases till date

Product Support(L2)

Tech Snapshot: Agile methodology

Technology-

.NET Framework 4.5 | C# | ASP.NET | SignalR | SAML | Web API 2.0 | JSON | KO with Type script | SQL Server | BizTalk 2013 R2 | Microsoft Azure cloud

KEY PLATFORM COMPONENTS

Vehicle OEMs

- Volvo
- BMW
- Daimler
- VW
- Ford
- GM

(Push information about vehicles offered for Sale)

Vehicle Dealer Applications (Dealer Portals)

Extended Platform Services

Pricing Engine | Manage Promotions | Auction Engine | Dashboards | Reporting Engine

Core Platform Services

User Management | Authentication | RBAC | Data Management | Validation | Logging | Search | Rules Engine | Location Management | Push Notifications

Cloud Infrastructure Provider (AZURE PaaS, IaaS)

3rd Party (Ecosystem Partners)

- Vehicle Inspection
- Vehicle Repair & Service Centres
- Fleet Management

- Multi-Country Solution with several integrations with vehicle OEMs and local entities per country
- Support for Auctions with live video feed and online bidding

BUSINESS PROCESSES COVERAGE

In Fleet
- Registration
- Fleet Type
- Drivers
- Bookings

Defleet
- Deregistration
- Inspection
- Refurbishment
- Previous Repairs
- Damages
- Buy Back

Remarketing
- Pricing
- Stock Management
- Online Sales
- Direct Sales
- Physical Auction Sales
- Cross-Border Sales

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OUTCOMES

- Helped manufacturers, dealers, financial institutions, and rental agencies enhance profitability by deploying a Digital Omni-Channel Experience Platform
- Leveraged digital innovations to proactively manage vehicle assets & investments through real-time, predictive models and powerful analytics

8Mn+ Vehicles Registered Annually

780+ Auctions Weekly

80k Participating Dealers Annually

ACL Digital is a design-led Digital Experience, Product Innovation, Engineering and Enterprise IT offerings leader. From strategy, to design, implementation and management we help accelerate innovation and transform businesses. ACL Digital is a part of ALTEN group, a leader in technology consulting and engineering services.

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