Empowering a World Leading Tire Manufacturer to Go Mobile

Our Client

A world leading tire manufacturer spread across 6 continents, with a revenue of over $15 Billion annually and multiple international brands in its portfolio, chose Sonata to plan and implement their mobile strategy and implementation.

MOBILE APP FOR FIELD SERVICE PARTNERS

Need

Increasing cost and maintenance of legacy mobile devices for the Field Services teams operated by partners, besides the potential risk of unavailability of support in the future was a growing concern. In order to mitigate this risk and enable the team with new features provided by modern mobile platforms & devices, the client decided to migrate their existing suite of Field Online Solutions to modern mobile platform based tablet devices.
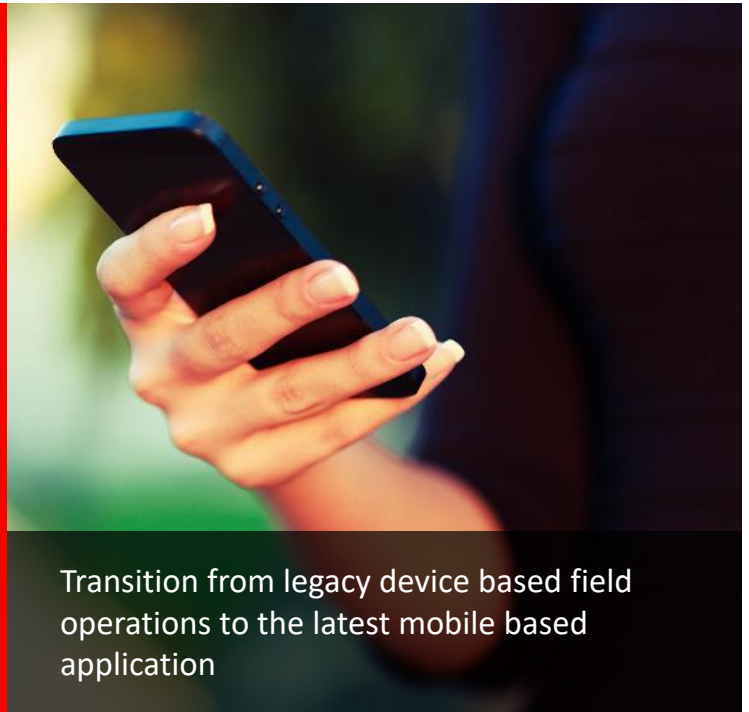
Transition from legacy device based field operations to the latest mobile based application

Solution

A thorough study of the existing legacy application and its features and flow was done by the technical team to define the mobile strategy. Leveraging our User Experience Design team, Sonata transitioned the application to a modern app suitable for multiple devices and operating systems. An optimal balance between reducing the new app's learning curve for users while enabling the latest and best mobile features was achieved. The solution also involved connecting the existing middleware and web services. A very large number of test cases had to be understood and prepared by the team to deliver an effective solution. The resulting application was easy to use, had an effective UX interface and was customized for multiple user-owned mobile devices.

With a roadmap spanning across businesses, customers, partners and dealer networks, the client shortlisted three Enterprise Mobile-Backend-as-a-Service (MBaaS) companies and finally selected Halosys Unified Enterprise Mobile Platform, as the platform of choice.

Benefits

300%
Increased Efficiency

1/2
Million Euros in Direct Savings

The transition to an app-based field solution ensured savings to the tune of half a million euros for the client through elimination of cost of owning and maintaining the legacy systems. The solution which has a large number of reusable components also ensures the reduction in development costs. New features and ease of use ensured improved employee productivity.

TRUCK TIRE PERFORMANCE TRACKING APP

Need

Migrate the tire tracking mechanism from age old book keeping method to an easy-to-use standalone application that would encourage sales personnel within the company and customers to track tire performance. The data thus received would be analyzed to project the performance aspects of the brand besides ensuring safety and maintenance of the tires.

Migration from book-keeping to user-owned cross platform mobile application

Solution

Sonata helped develop a cross platform mobile app using its proprietary Appcelerator tool for both Android and iOS. The requirements were scoped in an extensive workshop and were later translated into modern mobile device paradigms. Despite having to develop multiple form factors catering to a range of devices, the team came up with a compelling UX design along with a set of customized reports basis the clients requirement. A testing automation framework was also developed to ensure quality while significantly reducing delivery time. A 360 (degree) view of **DAUD (Devices, Apps, Users & Data)** and the notification rule engine technology was also well received.

Halosys platform provided a MobileFirst approach through seamless connectivity, configurable policies, layered security, while leveraging the existing infrastructure

Customized reports based on analytical data

Benefits

Transition from cumbersome book-keeping to a user-friendly mobile application helped the client improve productivity. The mobile application helped to increase accuracy of data and a range of customized reports helped the client better analyze performance. These reports also helped the client showcase improved performance over competition.

Enterprise Mobility Partner for mobile-led Digital Transformation

With capabilities to deliver complete Mobile solutions, right from strategy, consulting, a robust Enterprise Mobile platform, engineering services and pre-built solutions for a faster time-to-market, we ensure that Sonata's clients find an integrated partner in their mobile journey. With a laser focus commitment to be the Mobile partner, we continue to win the trust and business of Fortune companies.

Unified Enterprise Mobility Platform

Halosys Mobile Enablement Platform allows your enterprise to build, deploy, secure and manage mobile apps by seamlessly extending enterprise systems and users to mobile devices. It simplifies, accelerates and ensures a reliable way to execute your mobility programs at scale.

UNIFIED MOBILE ENABLEMENT PLATFORM

Enterprise Mobile Backend Services

Seamless Connectivity
Mobile First Objects

Mobile App Management

Layered Security Politics

Remote Wipes App Store

Mobile-First API & SDK

iOS & Android JavaScript
(Phonegap & Titanium)

Toolset & App Builder

Zero Code App Builder
Performance Mgmt Analytics

Test Centre

WHY SONATA?

Our focus, depth of understanding and proven expertise in Retail Systems of Engagement make us stand out among our peers. We help retailers retain and enhance their customer base and provide personalized and consistent shopping experience across all channels through deeper business insights. Sonata's expertise stems from:

- 10+ years of experience working with Fortune 500 companies and 200+ successful implementations
- Retail Platform IP solutions that integrate Omni-Channel Commerce, Mobility, Social Commerce, Analytics & Cloud
- Experience with leading retail technologies: SAP Hybris, Microsoft Dynamics AX, Oracle, JDA
- Industry ready solution assets that reduce TCO and time-to-market
- Proven large scale implementations
- Global delivery model: Reach, Quality & Cost Effective service
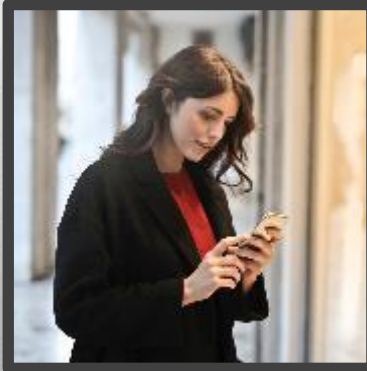
Sonata's platformation approach helps clients to choose a solution that best fits their needs; balancing readily available platforms and solution customization

1. Sonata READY: End-to-end, industry-specific digital business platforms
2. Sonata ACCELERATE: Deploy popular horizontal platforms adding required functionality
3. Sonata CUSTOM: Engineer custom platforms that deliver unique digital capability and scalability

Sonata Software is a global IT solutions firm focused on enabling platform based digital business and technology transformation for enterprises in the Travel, Retail, Distribution and Software industries. Sonata's products and platforms, anchored on its proprietary Platformation methodology, reflect the company's commitment to enable connected, intelligent, open and scalable business systems.

Sonata's portfolio of products and platforms include Rezopia Digital Travel Platform, Brick & Click Retail Platform, Modern Distribution Platform, Kartopia E-Commerce Platform, Halosys Unified Enterprise Mobility Platform and RAPID DevOps, CloudOps and Testing Platform. These platforms have been deployed by leading enterprises across the globe to achieve future ready digital businesses.

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