



SAP Business Transformation Study | Cross-Industry | Cargill

How Do You Make Drivers Safer and Delivery Administration More Efficient?

It may not be a household name, but people and communities around the world count on products and services from Cargill Inc. From food ingredients and animal nutrition to agricultural supply chain, transportation, financial, and energy services, Cargill supports farmers, governments, wholesalers, and more – helping them run businesses that make the world thrive. Part of running such a complex operation is taking every opportunity to improve safety and efficiency. So when it was looking to create a mobile app for truck drivers, Cargill and Mindset Consulting, a system integration partner for Cargill and an SAP mobile apps partner, turned to longtime technology partners SAP and Apple.

Using the new SAP® Cloud Platform SDK for iOS and the SAP Fiori® user experience, Cargill was able to quickly build an iOS app for drivers that connects with its back-end SAP Transportation Management application. Now drivers have better maps, can see wait times before they arrive at the plant, and don't need to get out of their trucks throughout the check-in and weighing processes. Not only does this keep drivers safer, but it helps them and shipping clerks use their time more efficiently. That means getting shipments where they need to be more quickly – a bonus for drivers, plant staff, and customers alike.



Building an App that Truck Drivers Love to Use with **SAP**® Cloud Platform



Cargill Inc.
Minneapolis, Minnesota
www.cargill.com

Industry
Cross-industry

Products and Services
Food, agricultural, financial,
transportation, and industrial
products and services

Employees
150,000

SAP® Solutions
SAP® Cloud Platform SDK
for iOS, SAP Transportation
Management application, and
the SAP Fiori® user experience

Cargill Inc. decided to use SAP Cloud Platform SDK for iOS to provide an intuitive and user-friendly transportation management app to its truck drivers. The app was up and running quickly, and adoption was immediate – with very positive driver reactions. Not only is the app simple and easy to use, but it saves time and increases safety by eliminating the need for drivers to get out of their trucks at the plant.

Before: Challenges and Opportunities

- Create an intuitive app with maps and plant wait time information that drivers would want to use
- Build in safety measures that limit use while driving and reduce the need to get out of the vehicle
- Accelerate the check-in process by automating trailer identification, empty trailer weighing, and order search

Why SAP and Mindset

- SAP Cloud Platform SDK for iOS, which provides mobile access to data from SAP Transportation Management and other SAP applications by extending it to SAP Cloud Platform
- Tools within SAP Cloud Platform that provide the foundational components of a successful application
- Powerful mobile capabilities provided by SAP Cloud Platform and SAP Fiori
- Platform-as-a-service model, which allows intuitive user-friendly apps to be built and launched in a matter of days
- SAP mobile apps partner Mindset, which worked on the initial app design concept and development for Cargill

After: Value-Driven Results

- Significant time savings for drivers, leading to greater efficiency
- Improved safety for drivers, who no longer have to get out of the truck at plants
- Less administrative work for shipping clerks
- Ability to see the current wait time at plants, allowing drivers to optimize their day
- Integration with the Apple Maps and GPS apps, making directions very simple
- App enhancements based on driver feedback, helping provide a much better user experience
- Expectation to drastically cut administrative efforts for shipping clerks

“Since our back-end systems run on SAP Transportation Management, SAP Cloud Platform SDK for iOS was a **natural fit for the development.”**

Kari Ingebritsen, Enterprise Architect, Cargill Inc.

Featured Partner



4–6 weeks

From idea to production

Improved

Safety for drivers at plant

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