

Alpine soft

#Mobility

#Cloud

#ios

#database

SaaS-Based Project Management Solution For A Food Cold Chain Logistics

The Client

The client wanted to implement project management for food cold chain maintenance. It needed to control temperatures and check the suitable and functioning refrigeration. However, if the temperature levels vary along cold chains, it is required to monitor the deviation along with who has done the assigned task and who has not.

The client had to make upgrades to their existing technology stack in terms of providing more flexibility and features to their customers' cold supply chain needs. It should also offer flexibility to create and manage company/organization profiles and allow the company to have a separate account(channel) with a separate database along with a distinct identity.

The Challenges

The client is a leading SaaS-based project management and user management software provider. Located in Europe, the client offers a customized project management platform for diverse industries like the food industry, CPG, retail, manufacturing, FMGC, IT, and many more industries. The software enables enterprises with features like project management, tracking and ticketing, live chat, contact management tools, dashboards and custom reporting, custom templates, document sharing and collaboration tools, task management, and workflow management capabilities.

- Improved planning, costing, risk monitoring, quality assurance, traceability, and compliance management.
- Improvement in efficiency achieved through the measurement, analysis, and management of time-temperature conditions has produced positive results in business growth.
- High scalability, as clients can seamlessly expand the capabilities by upgrading on-demand or by adding additional features
- It gives the complete tracking of what is happening in a project.



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Solution

The client chose Minds Task Technologies for its expertise in the required technology. We extensively understood the client's exact requirements, then started building the features and functionalities on the top of latest technology. A significant amount of data was being shared amongst systems, so that needs to be handled carefully for safety, shipping, and pre-defined business rules. Moreover, the system should seamlessly communicate with members of the supply chain and yield access to information about the products in real-time.

- Custom Template Management
- Document Management
- Organization Profile Management
- Notifications and Reports

1. **End-to-End Task and Role Management**
2. **Real-Time Communication Management**

Technology Stack

Frontend	 React 
Backend	  laravel
API	
Database	  mongoDB

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