



Report Development for Helm Fleet Management Software

Since 1999 some of the most respected, innovative workboat companies in the world trust their operations and maintenance management to Helm software, which is developed by Helm Operations. Today, Helm Operations has two products: Helm Dispatch Manager™ and Helm CONNECT.

Helm Operations, located in Victoria, BC Canada is a subsidiary of ClassNK, one of the world's leading classification societies. ClassNK is dedicated to supporting the growth and development of the maritime industry, and ensuring the safety of ships, their crews, and the marine environment. With more than 8,600 vessels on its register, ClassNK provides classification and certification services to more than 20% of the world's merchant fleet via a network of some 130 offices worldwide.

Helm Operations

Industry	Location	Employees
Transportation	Victoria, BC	<200

Highlights

- Learned business logic and documented enhancements for improving reporting.
- Created groupings for reports based on similar business logic.
- Updated existing reports and developed new reports based on client's specifications.

The Need

Helm Operations wanted to create new reports and update existing reports with new functionalities, parameters and columns as part of an update to their fleet management software for commercial marine vehicles. The reports are an important added value to their software product and it was important that Optimus could meet their release date.

Key Challenges

- Learn business logic and document enhancements for improving reporting.
- Create groupings for reports based on similar business logic.
- Update existing reports and develop new reports based on client's specifications.
- Meet the release date of the client's fleet management software update.

How Optimus Helped

1. Optimus started by meeting with the client to review the existing reports and examine the database to understand the business logic of the application.
2. Optimus then created a detailed requirements document and project plan and presented the approach to the client.
3. When the project commenced we started by making changes to the report queries and validating them against the test cases provided by the client.
4. We then categorized the reports based on similar business logic.
5. Next we discussed a number of changes and improvements that could be made to the reports and discussed with the client.
6. After getting client approval, we started making changes to the existing reports.
7. The dialog with the client was important as it helped us better understand and document the new reports, which we then developed and demonstrated to the client for sign-off.

8. Optimus delivered improved report performance through query optimization all while delivering fully documented reports and test cases on time.

"We recommend Optimus Information to anyone looking for an experienced business intelligence partner. Optimus created and optimized a series of complex reports in our fleet management software. We were very pleased with the quality of their work and how well they communicated and coordinated with our internal team."

Nolan Barclay

COO

The Result

At the end of the project the client had new and enhanced reports in their fleet management software application. The quick delivery by Optimus ensured that the client was able to meet their release date and launch their software on time with the new reports.

About Optimus Information

Headquartered in Vancouver, Canada with delivery centers in Canada and India, we work as a trusted partner to medium and large businesses to solve their software and technology challenges. With a team of 150+ people Optimus Information provides global organizations with scalable, flexible and cost efficient solutions. **Optimus Information provides global reach with a local presence.**

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