

CASE STUDY

Selecting, buying and implementing a PMS*:

Following recommendations of the Classification Society and requests from the Technical Department, Company X, operating and managing several vessels, decides to computerize their maintenance routines. The last they want is PMSIS*. ...

Following internal discussions a Superintendent is nominated to investigate the market for Planned Maintenance Software, and in co-operation with IT and Purchase staff, draw up buying criteria.

The Superintendent did a lot of market research and spoke with colleagues of other companies.

His criteria:

- Satisfying User-friendliness and Functionality.
- Database Consistency, both for Database- structure and contents.
- Reliable Database Replication between vessel(s) and office.

His findings:

- Sub-contracting database-works to companies with 'database-factories' in e.g. Asia is not good enough.
- Database contents should reflect the company's own maintenance policies and routines, not the interpretations of the supplier.
- Creating your own database is difficult and takes easily many months per database.

His conclusion:

He needs a supplier with in depth knowledge of;

- The maritime industry
- Maintenance, Purchase & related processes
- ICT systems
- Database specification & Project management
- Database contents which reflects his company policies & procedures.

* From MirTac's dictionary:

PMS: Planned Maintenance Software - CMMS : Computerized Maintenance Management System – FMS: Fleet Management System - PMSS : Planned Maintenance Scheduling Software - PMP : Planned Maintenance Program – CPMS: Computerized Planned Maintenance System - PMSIS : Planned Maintenance Software Implementation Syndrome.....

KEY FACTORS FOR EFFECTIVE IMPLEMENTATION

Select a system, which is **user-friendly** and complete enough **for your needs**. (An option can be to seek advice early in the selection process).

A vast amount of the nowadays-available Planned Maintenance Management Software applications are good to very good. When implemented correctly these are user-friendly, and have sufficient functionalities to satisfy the relevant users.

Database set-up and database **creation** are the most crucial elements for the success of a system. Jobs, spare-parts, equipment, suppliers, etc. are related to each other. This applies for the database as well, a so-called 'relational database'. Database integrity plays an important role for database replication. To make sure database replication is successful, data-entry needs to be done carefully, either through the 'front-end' of the software, or by specialists who can check, correct and upload files successfully in only a few days.

Make sure you get **support**. Take a supplier who understands your problems, if present, and fixes these in **days, not months**.

Implement your PMS with success! Call MirTac

MirTac can boast on qualified staff, who combine **maritime technical knowledge** with the understanding how to structure a database for a PMS. MirTac has developed proven methods to implement the data according to company procedures and policies.

Using these methods, the Ship's Staff, the Technical Department, the Quality Manager, the Purchase Department and all other relevant staff from the customer get involved. Most important, MirTac takes care that the technical data is fed to the chosen PMS application.

Which application? The choice is yours, an application purchased through MirTac, or any other.

You want to know **how?** Or for **how much?** Or maybe your PMS application is indeed **unfinished?** Are you considering **buying a PMS** application? **Contact MirTac** for independent advice on software purchase and ultimate care for a successful implementation of your selected software application.

MirTac works to keep you going...