



CMMS Implementation - Chemicals (EO2)

Situation

The company had recently been sold and so needed to move from the previous owner's mainframe based maintenance system to one using the new owner's mid-range computer hardware. The main reason for the change was to reduce the cost that was associated with being allowed access to the mainframe software and hardware. The company also needed to establish its own spare parts and inventory system.

Tasks

The changeover needed to be completed within four months to avoid having to renew the annual mainframe contract. In addition, as the company would no longer have access to the previous company's physical spare part inventory and purchasing functions and so needed to establish not only its own physical store but implement all of the associated processes and procedures. Any new maintenance system also needed to be certified by the PVI inspectors.

Activities

The Project Director ensured the following were completed on time:

- Produced a detailed project plan to enable a smooth transition to the new system. Transferred of all existing data from the mainframe system.
- Mapped the existing data to the new system database.
- Removed duplicate data and ensured the remaining data was clean.
- Physical creation of the new inventory store.
- Reviewed the re-order points for the company specific inventory.
- Established the re-order points for the previously shared inventory.
- Verified compliance with the PVI regulations and received sign-off from the company responsible for the inspections (Eutech)
- Improved the handling of call-offs.
- Implemented new Purchasing procedures.
- Mapped the maintenance data to update the corporate financial ledgers.
- Conducted training courses in the operation of the new system.
- Produced tailored User Manuals and User Guides.
- Communicated the Project Status to all employees and Senior Management who were based in the USA.
- Ensured that the project was kept within the agreed budget.
- Produced the 'Go live' plan with help desk support.

Result

The project was delivered on time and below budget. The company made a smooth uninterrupted change over to the new system, including transfer of the data from the mainframe system.

The new inventory store was introduced and integrated with a more automated purchasing function. Further initiatives were identified and included in Phase 2.