

The logo for SWORD, featuring the word "SWORD" in a bold, white, sans-serif font with a yellow underline.

UPGRADE YOUR BUSINESS

SwordCTSpace

MAN Diesel

Project: 3 turnkey diesel power plants for EDF

Introduction

MAN Diesel is the world's leading provider of large-bore diesel engines for marine and power plant applications. The company has gained the largest order in its history with a total order volume of around €750 million the order to work with the French energy giant Electricité de France (EDF).

Background

The French energy company has set MAN the task of constructing three diesel power stations as well as additional engine supply in its overseas Départements Réunion, Guadeloupe and Martinique. The contract means that all French Departments that are not on the European mainland will be supplied with electricity from MAN Diesel engines.

The order includes the delivery of 54 large, 18V48/60 diesel engines with a total power output of 1,025 MW; enough energy to provide electricity to 1 million households. All of the power stations are designed as base load power plants, which means that they are the primary source of electrical energy to the local power grid. The 54 engines will be assembled in Saint-Nazaire, greatly strengthening MAN Diesel's French production facility.

The three turnkey diesel power plants will go on grid between 2010 till 2012. MAN Diesel is the consortium leader for this major project. The two other consortium partners are Eiffage TP for construction work and Clemessy SA for electrical equipment.

Sword CTSpace solution

"This order is a major challenge, because EDF is a highly demanding customer", said the project management. They have sophisticated customer requirements as well as the need to connect many different project teams so a committee of technical and economical project managers decided to implement the Sword CTSpace software solution to guarantee smooth and consistent document management.

One of the key aspects of the product is the simple and user-friendly reporting option, because it instantly displays actual project status to project members and customers. For



Benefits

All members of the project team, including the subcontractors, have instant, geographically independent access to the most recent project information

A consistent handling of all documents makes it easier to and therefore maintain maintaining the project guidelines

Optimization of project communication and information dispersion

Transparency and traceability with the automatic archiving of all documents, actions and messages

Complete digital dispersion of documents with flexible search options

Software solution is available in several languages

"Ensuring consistent reporting is properly allocated to our employees and customers is very important for our project. With the pre-defined and user-friendly reports of the Sword CTSpace solution, gaining a fast and instant overview is simple and hence the document controlling becomes facilitated"

MAN project member

this purpose, the Sword CTSpace software features predefined reports, as well as customized and user-defined modulations.

Furthermore, the consistent and systematic creation of document coding by customer's specifications, which can be easily adopted to innovation and alteration, was an important criteria to achieve for international and transparent collaboration. The so called advanced-document-numbering function of the Sword CTSpace solution facilitates the document search due to the consistent and comprehensible document coding.

With an order volume of around €750 Million, a major challenge is to keep up efficient and accurate document management, despite a multiplicity of project participants. Correspondence via the Sword CTSpace solution offers a significant increase in project management efficiency. The correspondence is recorded digitally to 100% accuracy, assigned thematically, distributed securely and traceably to receivers and can be relocated easily with the help of the searching options.

The composition of several subprojects and the multiplicity of users are displayed clearly with the help of a traceable grouping classification, the preparation of distribution lists and the saving of queries. By this, an optimal project communication and information distribution is secured.

An additional advantage is the availability of the Sword CTSpace solution in several, relevant languages. "During an international project, having a platform, that is made up identically for every project participant is absolutely necessary, so everyone basically talks about the same thing. But having all functions available in the most relevant languages is definitely a plus to enable a non-exhausting working environment to all participants", said a project member. Sword CTSpace not only delivers its software solution in several languages, but also offers multi lingual support to its customers and can provide direct assistance with the use of screen sharing.

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