KOLBERN Solutions Inc.
Information at your fingertips

Planned Maintenance

The computerized system

Offices and Contact Information

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Introduction

Kolbern Solutions is a Canadian software company specializing in solutions for the marine industry. Our solutions are backed by marine professionals who have decades of first-hand experience on ship and on shore.

Our Planned Maintenance system is developed using the latest programming platform (.NET-Windows Presentation Foundation) - not that this matters to the end-user but this mention is just to assure that the application will stand the test of time.

The system can be implemented practically anywhere where there is planned maintenance involved. There is inbuilt provision to label Class equipment with Classification Society's code and name for the equipment and there is provision in the jobs for the Classification Society's job number so that the Continuous Machinery Survey status can be obtained any time.

Benefits

- Solutions that work for you at fraction of the cost of the products available in the market.
- You see just the features that you will use.
- A completely flexible application which walks and grows with you as per your needs.
- Quick and easy to deploy.
- Minimum learning curve for users.
- Easy to maintain, requiring minimal engagement of resources to keep it running.

Implementation

Any product without good services is not a complete product. When the product is offered to you, be assured that there is a solid unparalleled consultancy which backs the product right from the buying point till the satisfaction point! The consultancy services include installation, implementation and training and may include data building too.

The application is highly configurable and we will provide any specific reports required by the client, if any of the ones available in the system do not serve the purpose.

The Application

The system has all the features which are expected of any planned maintenance system and much more. The purpose of this document is not to be too technical but we think that a high level overview would help facilitate further discussions.
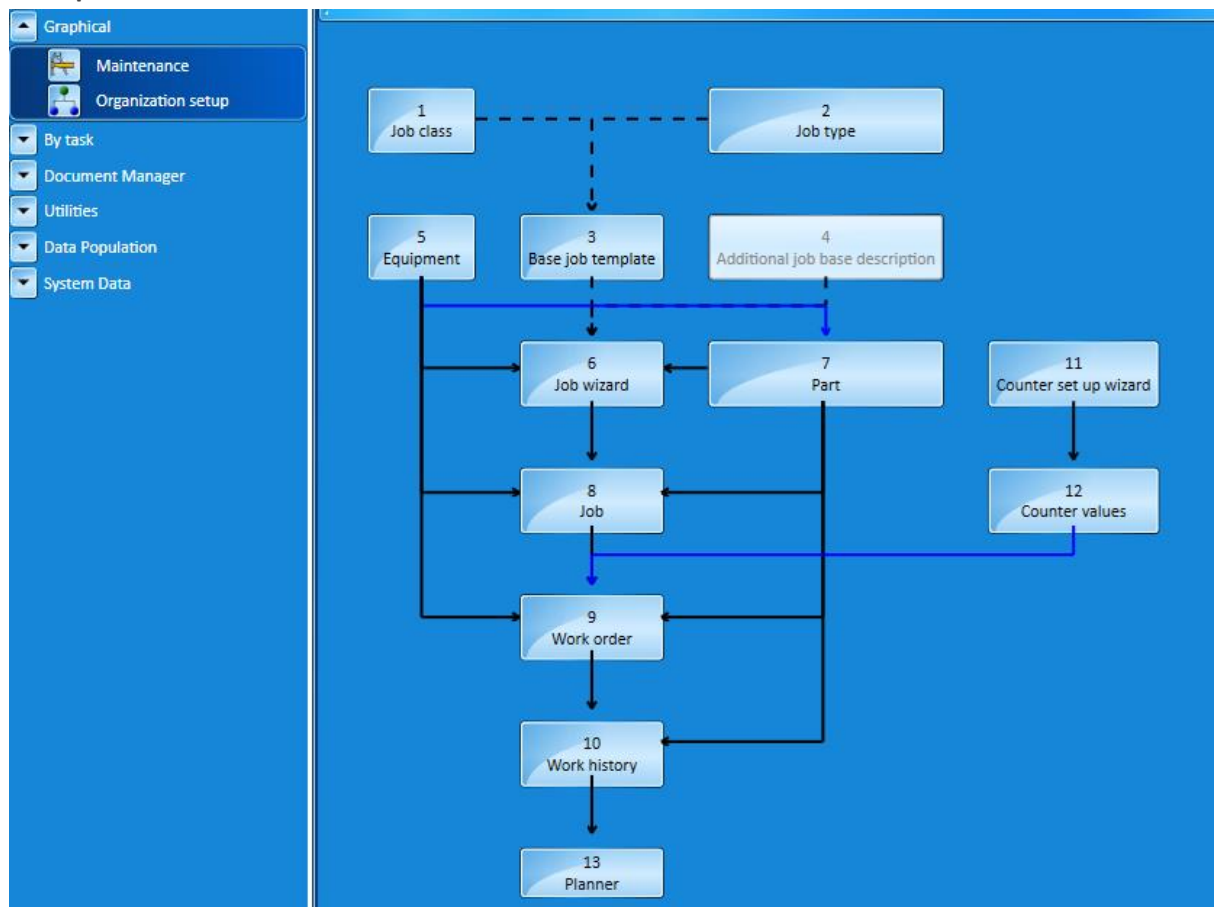
Features

It would be interesting to note that the system has many unique features which the competition may not have:
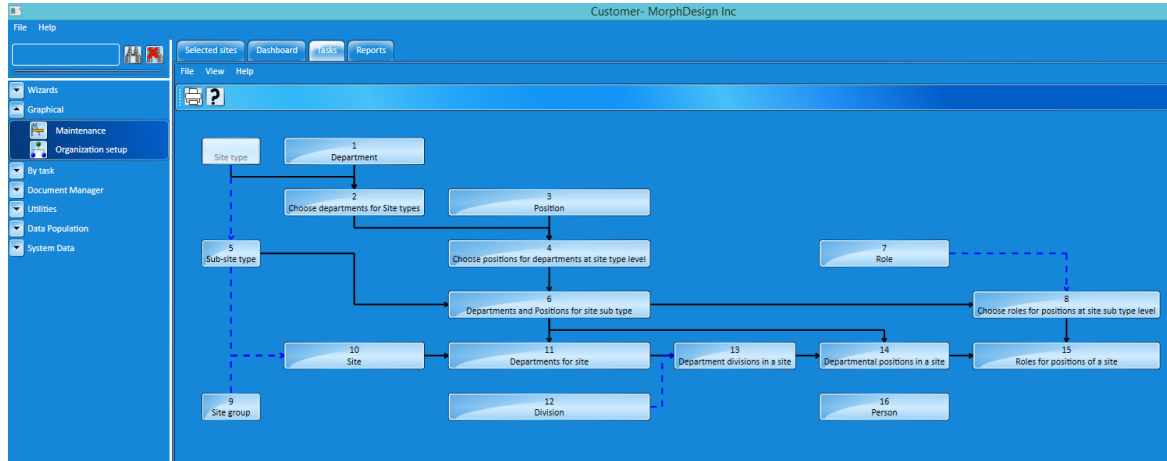
1. Client-Server/ Web installation mode (depending upon your choice) where the client automatically gets updated with patches- just as you update other apps over the internet/ intranet.
2. Easy installation and hassle- free patch procedure.
3. Field-based security e.g. who can edit job title, interval etc. as against permissions only at higher levels like the Job itself.
4. Superior error handling whereby the software is accommodating to the user mistakes and prompting them about the errors in the language that they would understand. E.g. an error like "Unique Constraint violated" makes lesser or no sense to the user as compared to a message that says "Duplicate value for column: Job Title. Please try again".
5. Graphical flowcharts showing the whole process e.g. the whole maintenance process. The various nodes in the flowcharts are active and thus can be clicked to enter the process at any phase.

Example 1: Maintenance Process:

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Example 2: Organization Setup:

6. Job planner comes with an option of user-friendly Calendar view:

7. Powerful search features to search everything in the system like equipment, job templates, work orders, users and vessels:

8. Even though a systematic modular menu is available to access a certain feature, the system is designed for easy access where-by one can type a word and the system suggest applicable windows to open. The user thus does not need to remember the navigation within the application. E.g. you need to access administrative database functions, you can just type "data" in search field and the system will show you the relevant options to click along with a tool-tip describing each function in brief. This does not compel the user to remember the path for the various things he/she would like to do and definitely increases the usability.
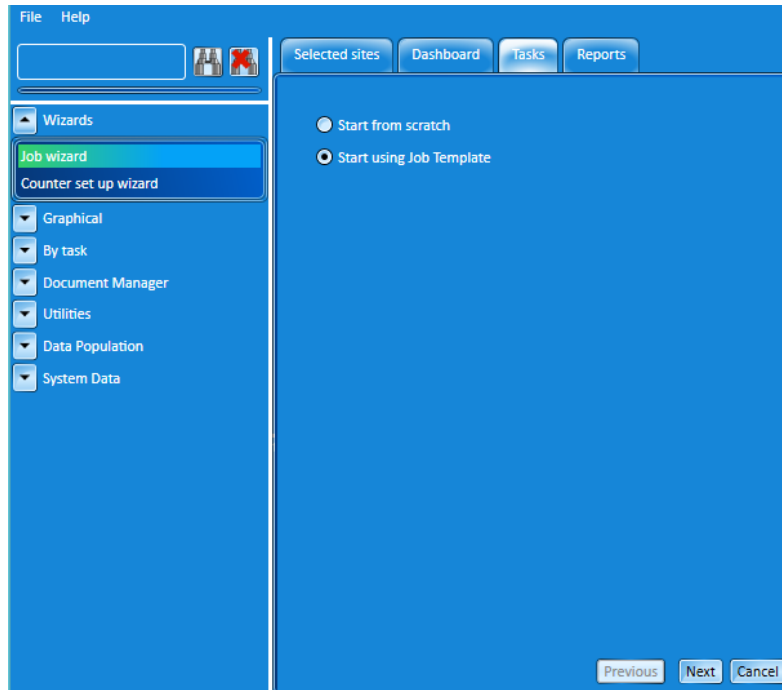
9. Wizards for many operations in the application e.g. Job setup, work order reporting, running hour counter setup etc.
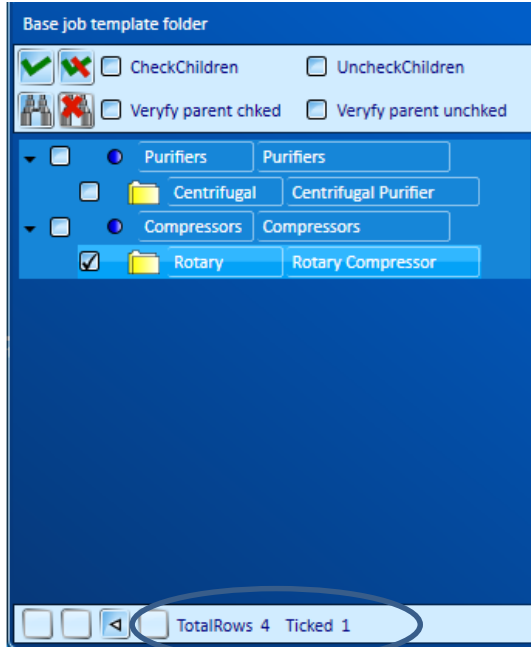

10. Filtering, Sorting, Row numbers display and MS Excel-like functionality in all the columnar tables, wherever they are used to present the data:
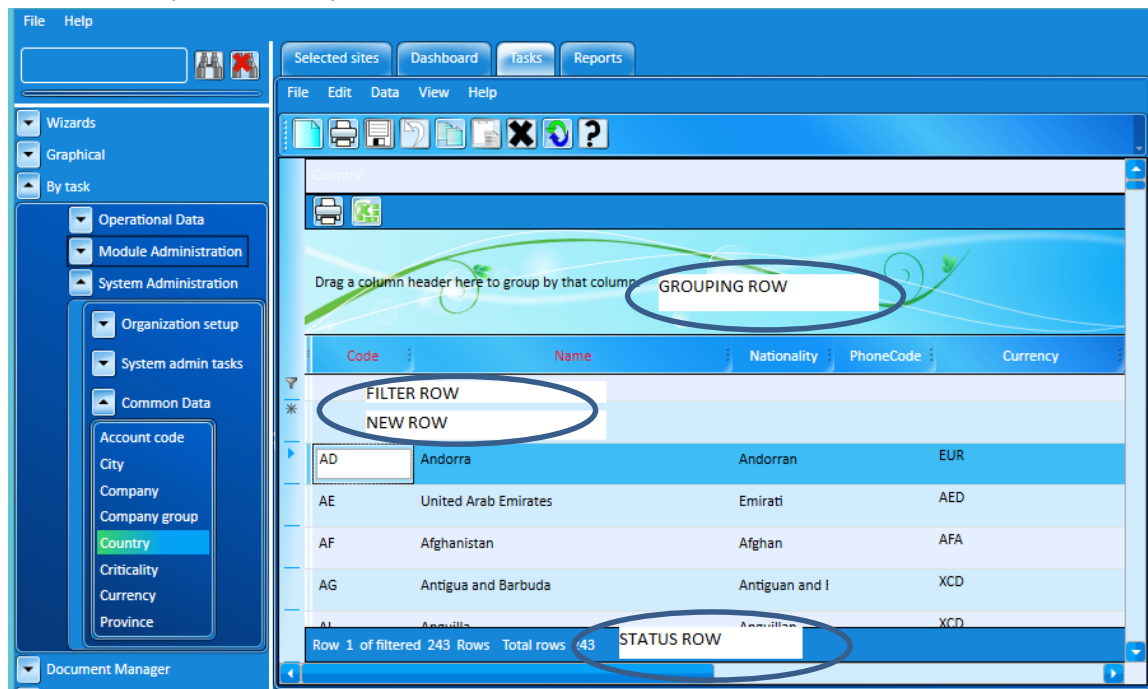
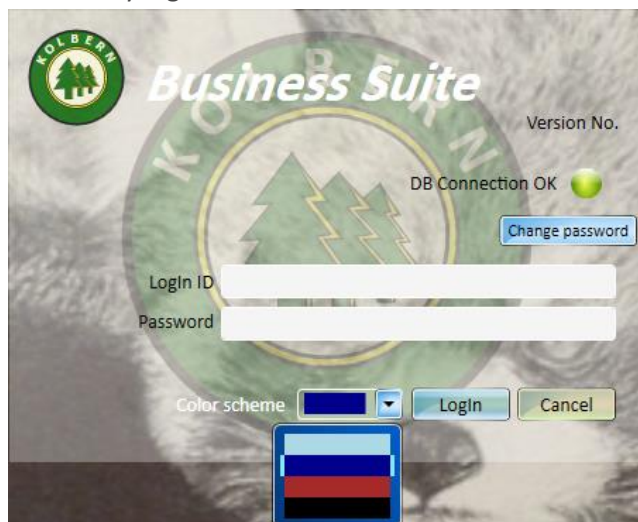11. Powerful features in the tree view representation:

12. On the fly multi-language option i.e. the software can be in any language.
13. The application comes with a basic Document Manager included.
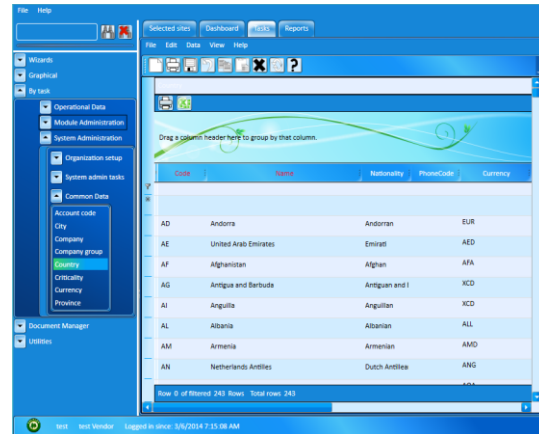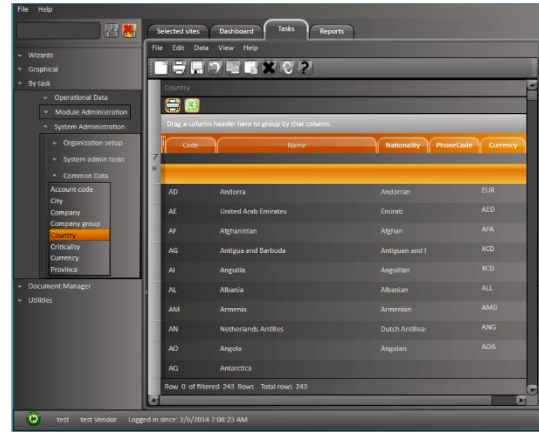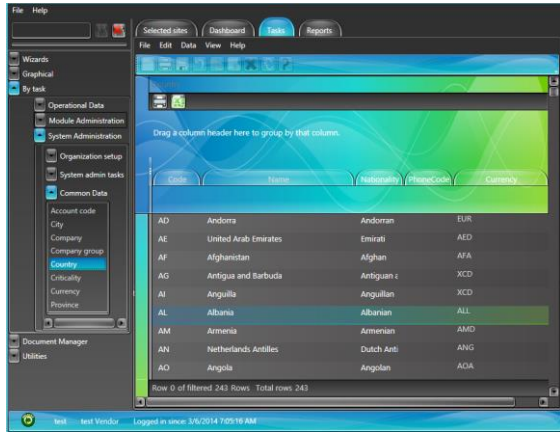14. On the fly styling:

Choose styling:

15. Looks:

16. Other standard features include:

- Tight security where-by what one can do (and cannot do) and what one can see (and cannot see) is configurable e.g. who can create a job, who can report work done etc.
- Provision to record running hours counters.
- Automatic job scheduling of calendar-based jobs and running hour jobs.
- Easy overview of the maintenance coming due and its handling.
- Standard reports in the system e.g. jobs due, overdue etc.
- Export of the reports in various forms like MS Excel, Adobe PDF etc.
- Replication of data between office and vessels.
- Fleet-wide functionality in all the functions.

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