



## Decision With Insight

This system / application stores voyage related data (daily noon, departure, arrival, anchorage and at-port reports) with fuel consumption and measures how fuel efficient is the vessel. FEMS has two sub systems, one used at office/shore side and other at vessel/sea side. Office side is a web based application which can be accessed both in internet as well as intranet/LAN. Vessel side is an MS excel macros application called Voyage Reporting System (VRS) of small size (less than 1mb) and does not need installation or hosting.

## FEATURES

- ➔ Vessel side application is easy to use and no need to install or host (i.e. MS Excel macros)
- ➔ Small size of data package for ship-shore communication.
- ➔ Data exchange is automated.
- ➔ Dashboard with graphical data representation.
- ➔ Drill down charts and flexi grids.
- ➔ Export data to different formats (i.e. xml, Excel, PDF)
- ➔ Advanced and extensive search functionality.



## HOW IT WORKS

Vessel side user fills the necessary reports (DNR /arrival/departure/ etc) using VRS excel application and saves it, which generates a text file of size 1kb or less. This text file is then sent to specific mail id.

In the office side, the data ETL (**E**xtract from mail **T**ransfer to certain folder and **L**oad / save data to database) process is automated (i.e. means without any manual intervention of user the file get extracted from email; it is then transferred to certain folder and finally inserted/saved in database). Then through FEMS system office user can view / update the data as per requirement. Further it helps users to analyze the data in graphical formats.



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