

Bulk Trading and Transportation with SAP Trader's and Scheduler's Workbench (TSW)



Applies to:

SAP ERP 6.0 Onwards, with SAP TSW activated. For more information, visit the [Supply Chain Management homepage](#).

Summary

Bulk Trading & Transportation is one of the key functions for many industries such as Oil & Gas, Mining, and Agro. Efficient bulk transportation is strategic and gives a cost advantage in meeting their distribution needs.

Sustainability, it's another key trend which could be next driver of the industry. It is believed that, bulk transportation would result in lesser carbon emission than other means of transportation.

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Author Bio

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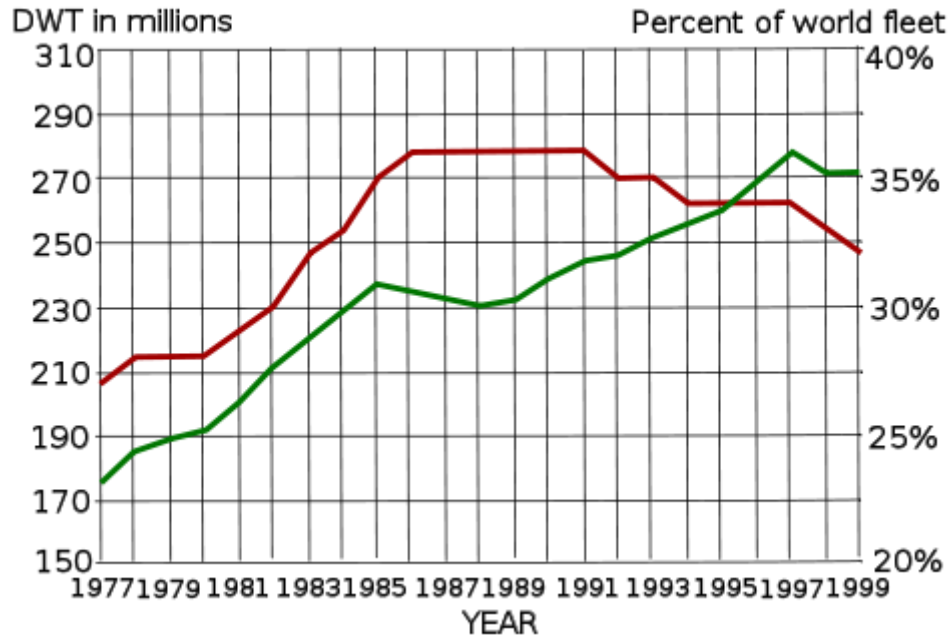
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Introduction

Bulk Trading & Transportation is one of the key functions for many industries such as Oil & Gas, Mining, and Agro. Efficient bulk transportation is strategic and gives a cost advantage in meeting their distribution needs.

Sustainability is another key trend which could be next driver of the industry. It is believed that, bulk transportation would result in lesser carbon emission than other means of transportation.



Evolution of the number of bulk carriers in the world : the deadweight (green) and the proportion in the world merchant fleet (red) are shown between 1977 and 1999. Source : Lloyd's Register World Fleet Statistics Tables , London, 2000 taken from Source www.wikipedia.org

SAP TSW (Traders' and Schedulers' Workbench) is a solution which addresses the end-2-end requirements of Bulk Trading & Transportation from Trading- Scheduling – Operations-Settlement.

Solution Details

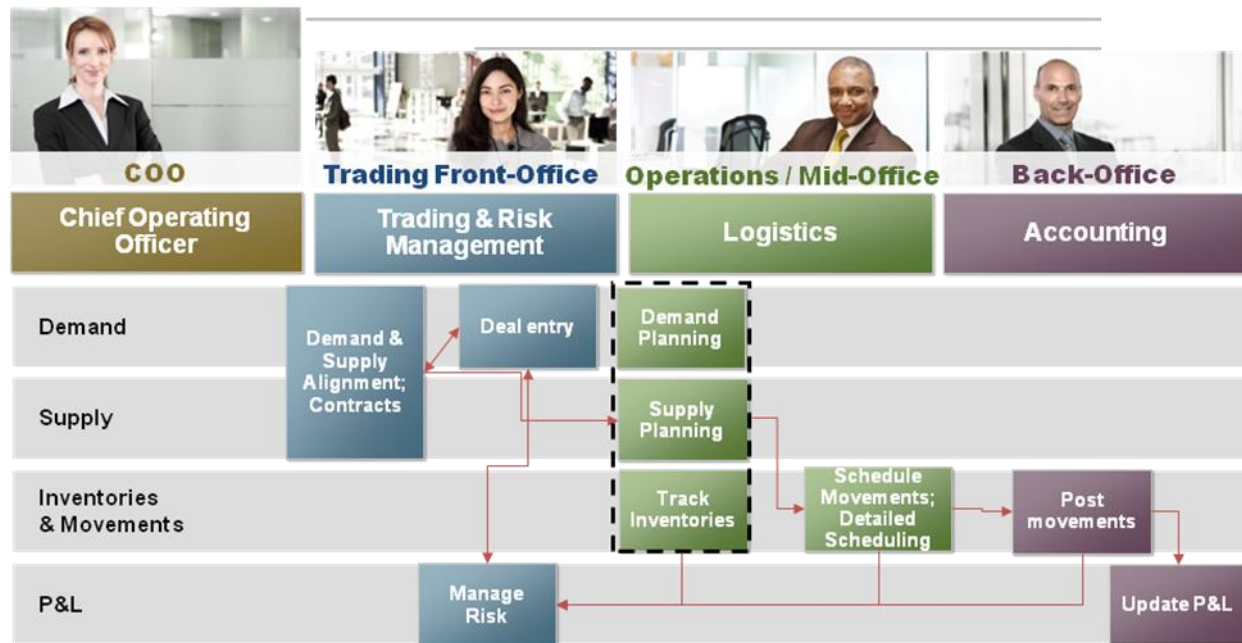
SAP TSW offers a 360 degree view of the operations for traders & Schedulers. Its rich analytical content (Business Objects and BI Content) can turn insight of these operations into profitable actions.

It can communicate with Bulk carriers, Bulk freighters, and Port authorities and most importantly customers, vendors providing critical information regarding the status of bulk using SAP's innovative SOA Architecture.

SAP TSW addresses the needs of major bulk transportation means including,

- Maritime
- Pipeline
- Rail

Solution is also suited for handling both Dry and Wet bulk. Following graphic illustrates the end-2-end coverage of solution capabilities as of Enhancement Pack 5 for SAP ECC 6.0.



SAP TSW can be installed and activated independently with Enhancement Pack 5 for SAP ECC 6.0. Prior to this release SAP TSW was available with Industry solution Oil & Gas and required activation of Oil & Gas business functions.

Key Benefits

Several leading Oil & Gas Companies are already leveraging efficient and sustainable operations using TSW. You can refer to customer success stories [here](#).

Solution has constantly addressed the challenges of market over the years. In today's reference customers can confidently overcome following organization challenges

Are my deals consistent with contracts and inventory? SAP TSW provides transparency of operations across the entire key internal and external stakeholders deal capture until settlement, enabling individual users make informed & timely decisions.

Instant Analytical capabilities provide greater visibility into overall position over various dimensions such as costs per DWT, transaction cycle .

Stock Projection Workbench provides intuitive insights into projected stock over a given time horizon including in-transit movements. Simulative capabilities help align deal with contracts, inventory and facilities. Stock can also be accessed via web services via other information channels such as mobile.

Is my risk exposure aligned real-time with operations? TSW's ability to provide critical information to coordinate portfolio, logistics, trading and financial execution helps align risk exposure with volumes. TSW is integrated with SAP Global Trade and Risk Management Solution & Commodity SL for trading operations (partner solution from Triple Point)

Are we compliant to regulatory requirements? TSW is fully integrated into SAP ERP and ensures on-time booking of all movements and FI documents where in one can say Books = Physicals. Ticketing application offers flexible interfaces that help to eliminate manual processes and siloed operations. It offers greater flexibility to be compliant with various bodies such as governments, states, exchanges & M&A w.r.to audits, reporting.

Closing Remark

SAP TSW solution is researched and developed with in-built industry best practices and broadly adopted by Oil & Gas and Mining customers. If you have a feedback or need more information, please contact authors or your SAP Local Office.

Related Content

[SAP TSW Beyond Oil&Gas Businesses - Weblog](#)

[Oil & Gas Trading](#)

[SAP SOA Enablement for Oil&Gas](#)

Disclaimer

The information given above is indicative, and not an official version of SAP. The official documentation would be made available along with the SAP ERP 6.0 Enhancement Pack 5 release to the market. You can access documentation about the solution [here](#) .

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