



Kale Logistics
Technology that Transforms

Maritime Single Window

FAQs



What is Maritime Single Window?

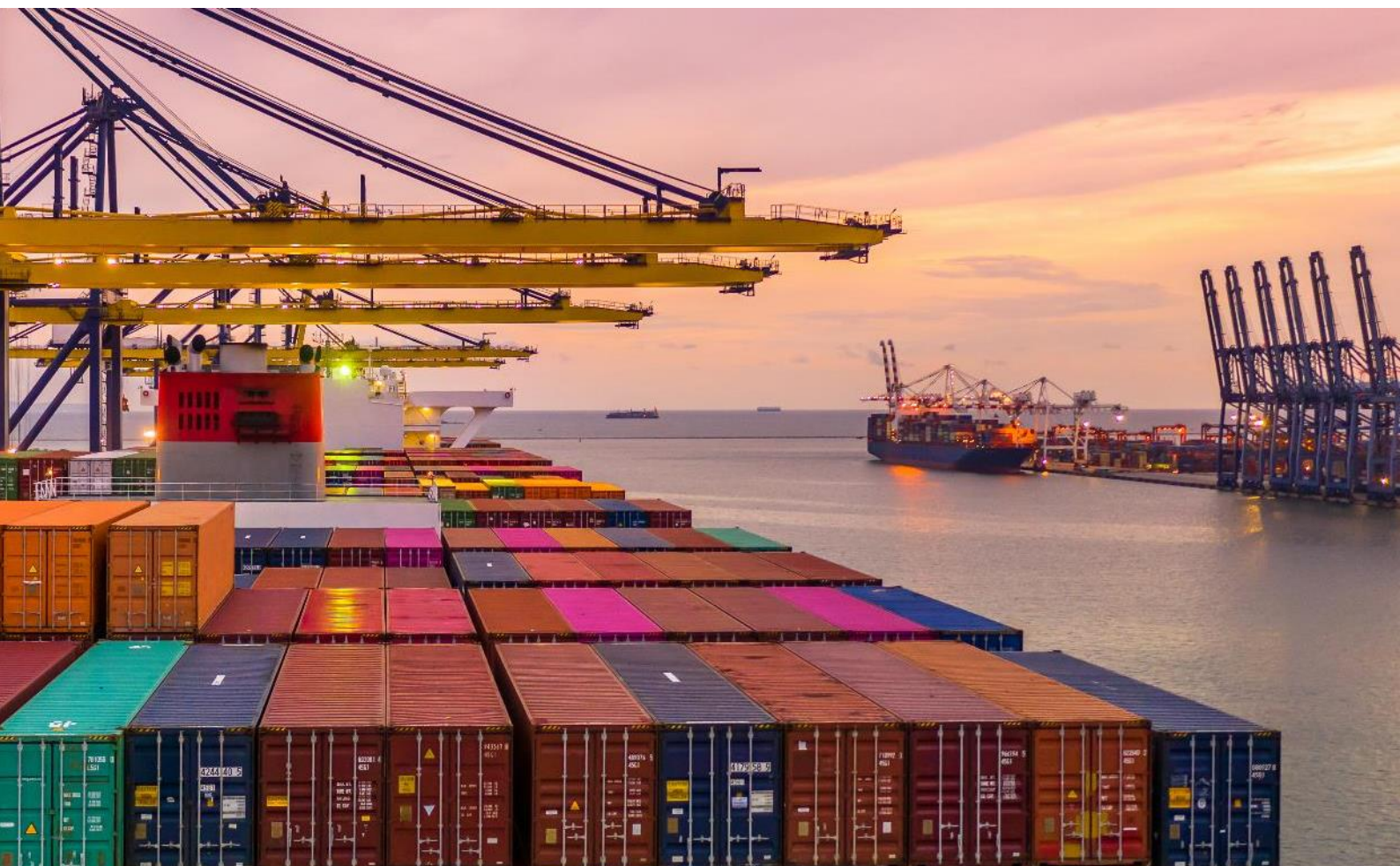
Maritime Single Window (MSW) is a public-private data collaboration platform that enables the orchestration and optimisation of business processes between organisations involved in ships' arrival, stay, and departure in Ports. The purpose of a single window is to streamline the exchange of data required by each of these stakeholders so that the parties involved in the trade transaction do not have to provide the same data, in duplicate form, to multiple different parties in multiple different formats. In a nutshell, Maritime Single Window facilitates standardised data exchange among stakeholders.

What is IMO's Suggestion on Maritime Single Window?

The IMO has issued "Guidelines for Setting up a Maritime Single Window", which defines a Maritime Single Window as "a one-stop service environment that covers Maritime and Port administrative procedures, such as Port entry/departure declaration, a notice of arrival reports, and other related information between private sectors and public authorities nationwide".

The exchange of data via electronic means has been mandatory under the FAL Convention since 2019. However, research by the International Association of Ports and Harbours (IAPH) in January 2021 found that only 30% of Ports had fully implemented an electronic data exchange system, and even these systems did not allow for the electronic submission of all documents required in the FAL Convention.

Therefore, it appears that significant work is needed for all Ports to implement fully compliant electronic Maritime Single Windows by 1 January 2024.





What benefits does Maritime Single Window offer?

Unaffected Global Supply Chains - Ports can remain fully operational during public health emergencies to ensure the complete functionality of global supply chains. Data Harmonisation - It will bring about greater harmonisation and better sharing of the relevant data across governmental systems, bringing meaningful gains to all parties involved in cross-border trade. Combat Illegal Trade - preventing and suppressing wildlife smuggling and cargo theft on ships from mislaid, mislabelled containers.

Reduction in cargo and vessel turnaround time - The vessel berthing and unberthing are quick due to quick vessel clearances. This directly affects the overall vessel dwell time, followed by cargo dwell time. Elimination of physical processes and paperwork - With digitised processes capable of operating in a pandemic, all the human involvement and the elimination of papers are avoided. Each declaration contributes to a set of copies which is avoided using MSW.

Is MSW different from FAL?

The Maritime Single Window system is a suggestion given in the existing FAL mandate amendment announced on May 2022. FAL mandate announced in 2019, too, had a recommendation for Single Window implementation; however, only a few Ports took the initiative.

Who are the participating stakeholders in an MSW?

Maritime trade is a complex affair, and the new rules will directly impact multiple public and private parties, including:



Which type of ship operators are impacted with MSW?

IMO's Maritime Single Window will impact vessels such as Cruise, Containerised, Bulk, Break-bulk, Liquid, etc. Therefore, Ship Operators of all kinds and sizes will get impacted by this mandate as they compulsorily need to follow the guidelines.





Can an MSW be integrated with a Port Community System (PCS) or a Terminal Operating System (TOS) or a Port Operating System (POS)?

Yes, MSW can be integrated with a Port Community System (PCS), Terminal Operating System (TOS) or a Port Operating System (POS), as the MSW is an open platform which can communicate with other systems. It takes into account the functionalities related to the vessel clearance, and integration with a system like PCS will make the whole process automated. The purpose of integration is to automate the flow of data between processes.

Is MSW Scalable?

MSW aims to provide a single point of data entry for document requirements and procedures in Maritime transport. It can be implemented to any Port of any size. Additionally, information from one Port can be shared with every other Port integrated into the system to form a Digital Corridor, enabling the Stakeholders of these Ports and vessels to plan their operations efficiently and in advance..

What are the Next-Gen Technological Integrations that MSW is Integrating?

MSW is taking into its architecture Next-Generation Technology like AI/ML, Blockchain, 5G Integration, and API Integration to make the process technologically advanced. Future Technology can be integrated with the platform.



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