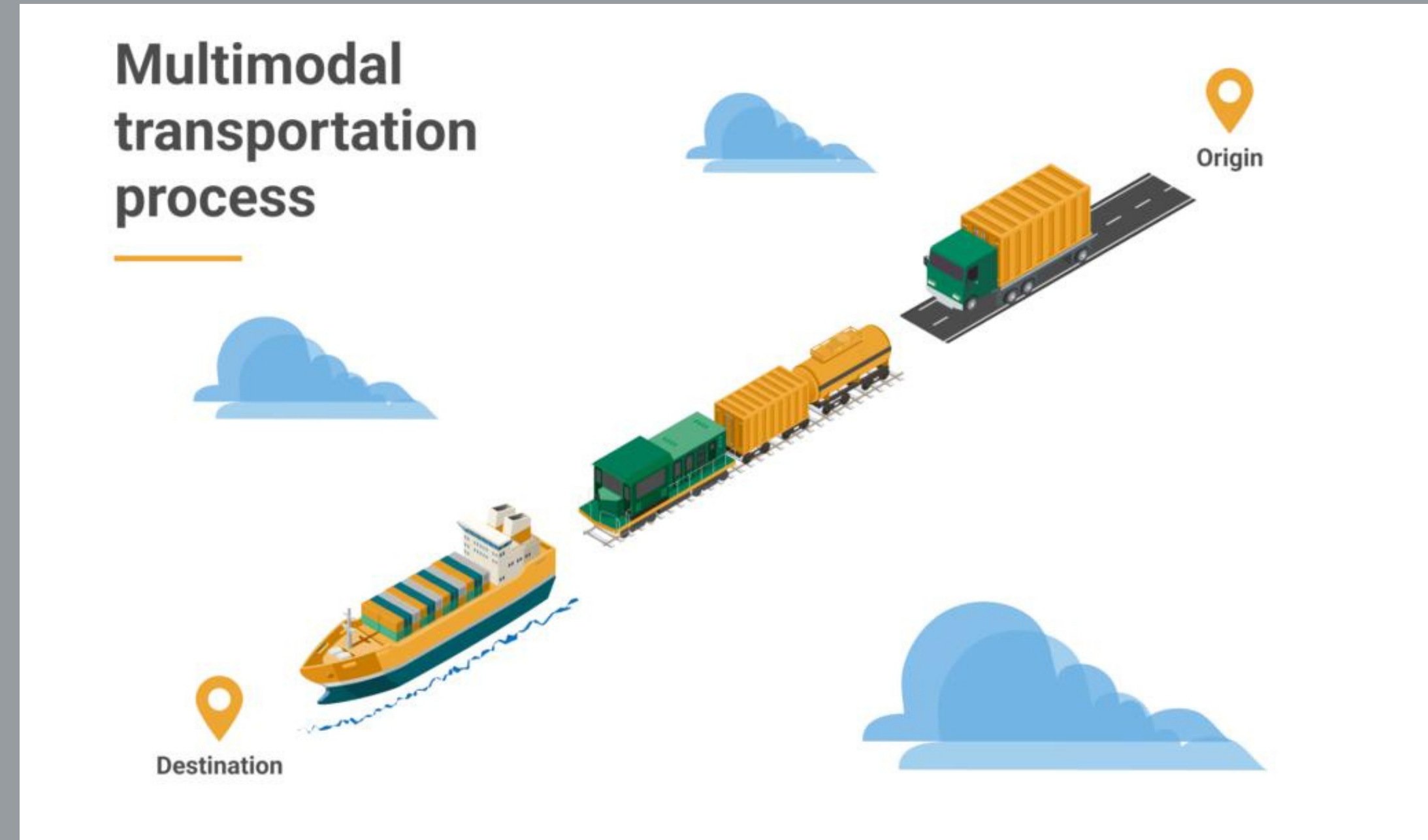


SERVICE LOGISTICS

SENENGE
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MULTI MODAL TRANSPORT
AND ITS USES TO LOGISTICS
AND DEVELOPMENT

What is multi modal Transportation



As many people understand it, multimodal transportation refers to a transportation system that is often run by a single carrier and includes many modes of transportation under its management or ownership. It entails the continuous employment of several modes of transportation, such as a truck, railcar, aircraft, or ship, for example, a container line that runs both a ship and a double stack railway system.

Multi transport is effected by multi modal transport operator who holds a multimodal transportation contract and assumes responsibility for compliances a carrier



Combinations of freight transportation can be structured in a variety of ways. Trucks often travel small distances between the loading location and the transshipment site, as well as between the point of arrival and the receiver. Other modes of transport, such as trains, ships, and even planes, are used for long-distance hauling.



Agents or multimodal transportation operators (MTOs) that outsource to carriers and whose duty is to negotiate, monitor, and coordinate loading, unloading, and delays are two choices in this modality. Regardless of the number of modes of transportation involved, the customer signs just one bill of lading (FIATA Bill of Lading, or FBL) with the agent, despite the fact that these MTOs oversee contracts with each supplier.

MULTI MODAL TRANSPORT OPERATORS

2. Carriage of products using two or more means of transportation under a same contract.

1. Ways to bring commodities to market that are more efficient

3. For the entire carriage, there is only one document and one responsible party (MTO), who may outsource portion of the work.

MULTI MODAL MAIN FEATURES

4. Technology and containers application

Reduces time spent at trans-shipment locations.

- At trans-shipment sites, the multimodal transport operator maintains his own communication lines and seamlessly manages exchange and onward carriage.

Allows items to move more quickly.

- The advantages of distance from markets and capital tying-up are reduced by the speedier passage of products made available by multimodal transportation.

Advantages of Multi Modal Transportation

Saves Cost

- The cost reductions resulting from these benefits are frequently reflected in the multimodal transport operator's via freight rates as well as the cost of cargo insurance.

Reduces the amount of paperwork and formality required.

- The administrative burden of issuing several documents and other formalities associated with each part of the transportation chain is minimised.

Export costs are reduced.

- The inherent advantages of a multimodal transportation system will aid in lowering the cost of exports and improving their worldwide competitiveness.

Dis- Advantages of Multi Modal Transportation

When international standards are implemented, the item may face legal and operational constraints.

Inspections in terminals are regular for safety reasons, which limits operations.

FORMS OF MULTI MODAL TRANSPORTATION



- LAND/ SEA / LAND
- ROAD/AIR/ ROAD
- SEA/AIR/SEA
- RAIL/ROAD/INLAND WATERS/SEA
- MINI-BRIDGE
- LAND BRIDGE e.t.c

.....cont Forms of Multi-Modal Transportation Operations

LAND – SEA – LAND

For example, an empty container is picked up from the line's container yard in Singapore and transported to the shipper's plant in Johore (Malaysia) for stuffing, following which the FCL is transported back to Singapore.

- Shipping from Singapore to New York via sea.
- Truck from ship to train station in New York
- Rail service from New York to Chicago
- Truck from the Chicago rail station to the consignee's warehouse

Individual shipments of LCL cargo would be delivered to the freight forwarder's or shipping line's CFS and consolidated into an FCL, which would then be trucked to the CFS in Chicago and picked up by the consignee's truck.

.....cont Forms of Multi-Modal Transportation Operations

ROAD – AIR – ROAD

A common technique of multimodal service is to combine air and truck transportation. Several airlines are establishing trucking hubs around Europe to serve as focal locations for road-based feeder operations.

Many airlines provide car service to places that are either too expensive to fly to or where they do not have landing rights. This road transportation is usually done in their own cars, to and from their own facilities, although they do employ highway common carriers on occasion.

.....cont Forms of Multi-Modal Transportation Operations

SEA TRAIN

An ocean carrier can connect rail systems that are geographically isolated. These ships are typically long and narrow, with a single main deck extending the length of the ship. They load trains faster than typical cargo vessels since the carriages do not need to be separated from one another.

CONCLUSION

In practice, a variety of alternative combination modes may be utilised based on trade routes, trans-shipment ports, and the availability of various means of transportation.

New infrastructure improvements are being planned all over the world to create a continuous flow of traffic, such as the Channel Tunnel connecting England and France, the Oresund bridge connecting Sweden and Denmark, and so on. As these developments become a reality, the traffic flow shifts. Other factors, such as global warming, have the potential to open up new pathways between Russia's northern border and the north pole through the northern sea.

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