Design And Implementation Of Intelligent Transportation Management Using SAP TM 9.1

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1. Introduction

The purpose of this document is, to demonstrate the SAP TM Processes and how does the latest Version of a SAP based Transportation Management Solution is able to cover the Split Process from a Forwarding Company and enhancements. This paper, by means of integrating advantages of SAP technology, aims at designing and constituting an intelligent transport management system for discussing issues such as Design and Implementation of Real Time Transportation using SAP.

2. Page Layout

6. Main body - explanation of methods, algorithms, data used, instrumentation (sensors, systems, etc.), results and discussion

7. Conclusions

8. References

Your goal is to adhere to this paper in appearance as closely as possible.

3. Split Method

All The Process will start with the creation of Forwarding Order. Then a Forwarding Order will be created, which is triggering a Transportation Requirement in SAP TM.

3.1. Forwarding Order

The Forwarder will capture the data from the customer and start to plan the Main-Carriage and the Pickup.

After the Execution of the Pick-up the Pre-Carriage will be planned and then executed. The split process is executed.

3.2. Execution

After the Execution of the Pick-up the Pre-Carriage will be planned and then executed. The split process is executed.

3.3. Data

The cargo will be loaded and then executed Split is the process of one forwarding orders having multiple containers into multiple.

4. Discussion

Forwarding order is having header and line items .The line item have the containers, product, and package details. Split is based on the quantity stored in the containers.

In a forwarding order (FWO) needs to be split into multiple forwarding order.

This split of FWO will be based on container or package level details mentioned for that line item. A Container in one forwarding order can be split into new forwarding order based on quantity mentioned.

Splitting the forwarding order, user will click on split tab at line item level whether a forwarding order is allowed or not.

5. Data Used

Forwarding orders which can be used for split needed to define. “Figure. 1” We have chosen the default forwarding order type FWO of the page.

Figure 1. Forwarding Order type FWO

6. Results

6.1. "Split"

Tab 'Split "in line item of Forwarding Order'. Split container and product package to new forwarding order

Split by Containers

The system will provide an option to split a single forwarding order by containers, as shown in Figure 2

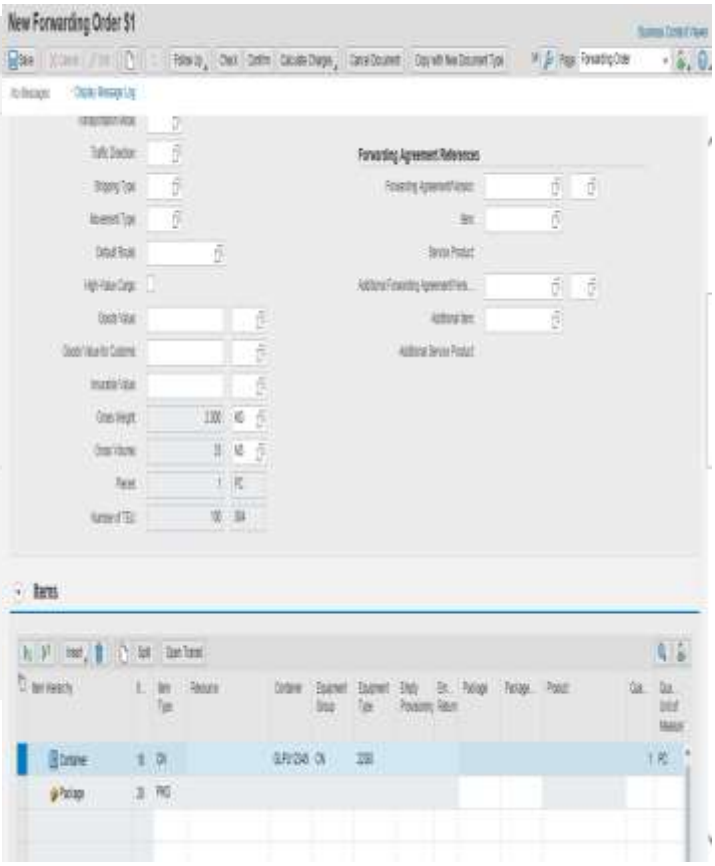

Figure 2. Example of an Split at Items level in Forwarding Order

6.2. Trigger Split

The line items details contains the container details. "Split" tab is executed Split to another split line items is triggered upon.

6.3. Split at Document Level.

Forwarding order does not have split at Document level and enhancement needs to be done to provide the split at the document level.

7. Conclusion

The version of SAP TM 9.0 provides the option for the SAP Transportation management enhancement at the document level to provide the Split. Split can be done both at document level and the line item level.

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