



# TRANSPORTATION MANAGEMENT CHANGE PROCESS FUNCTIONS AND IMPACT

Transportation Planning and Management and Track &  
Trace (*TPTM – T&T project*)  
*October 2019*



- OVERVIEW
- SYSTEMS ACTIONS /TRANSACTIONS
- TRANSPORTATION MANAGEMENT PROCESS
- DOCUMENTS TYPE
- TRANSPORTATION MANAGEMENT FEATURES
- KEY ACTORS AND OUTPUTS
- BENEFITS
- KEY TERMS CHECK
- WHAT TO REMEMBER



## THE TRANSPORTATION MANAGEMENT SOLUTION

Existing



### SUPPLIER RELATIONSHIP MANAGEMENT (SRM)

An SAP module currently used to raise shopping carts and conduct purchasing activities.

New



### TRANSPORTATION MANAGEMENT (TM) SYSTEM

A new SAP module connected to Umoja where Freight orders can be managed with greater efficiency.

New



### ELECTRONIC DATA INTERCHANGE(EDI)

A medium of communication used to transmit goods PO and advanced shipping notification.

Existing



### ERP Central Component (ECC)

Core component of the Umoja solution where all master data resides and core transactional (i.e. financial, inventory, and warehouse management) activities are performed.

New



### CARRIER COLLABORATION PORTAL (CCP)

A part of TM where vendors can upload documents, update events, and increase visibility on shipments.

New



### Event Management in TM

The new feature allows TM Planner to update events, attach documents, write notes and comments.



SRM

- Selection of right purchasing group, Location/Plant, and Storage Location
- Selection of correct Incoterms



ECC

- Fund Commitment mandatory for ZSDS, ZBUD Movements
- Picking and Packing in ECC
- Integration of ECC and TM , Handling Unit Data Flow



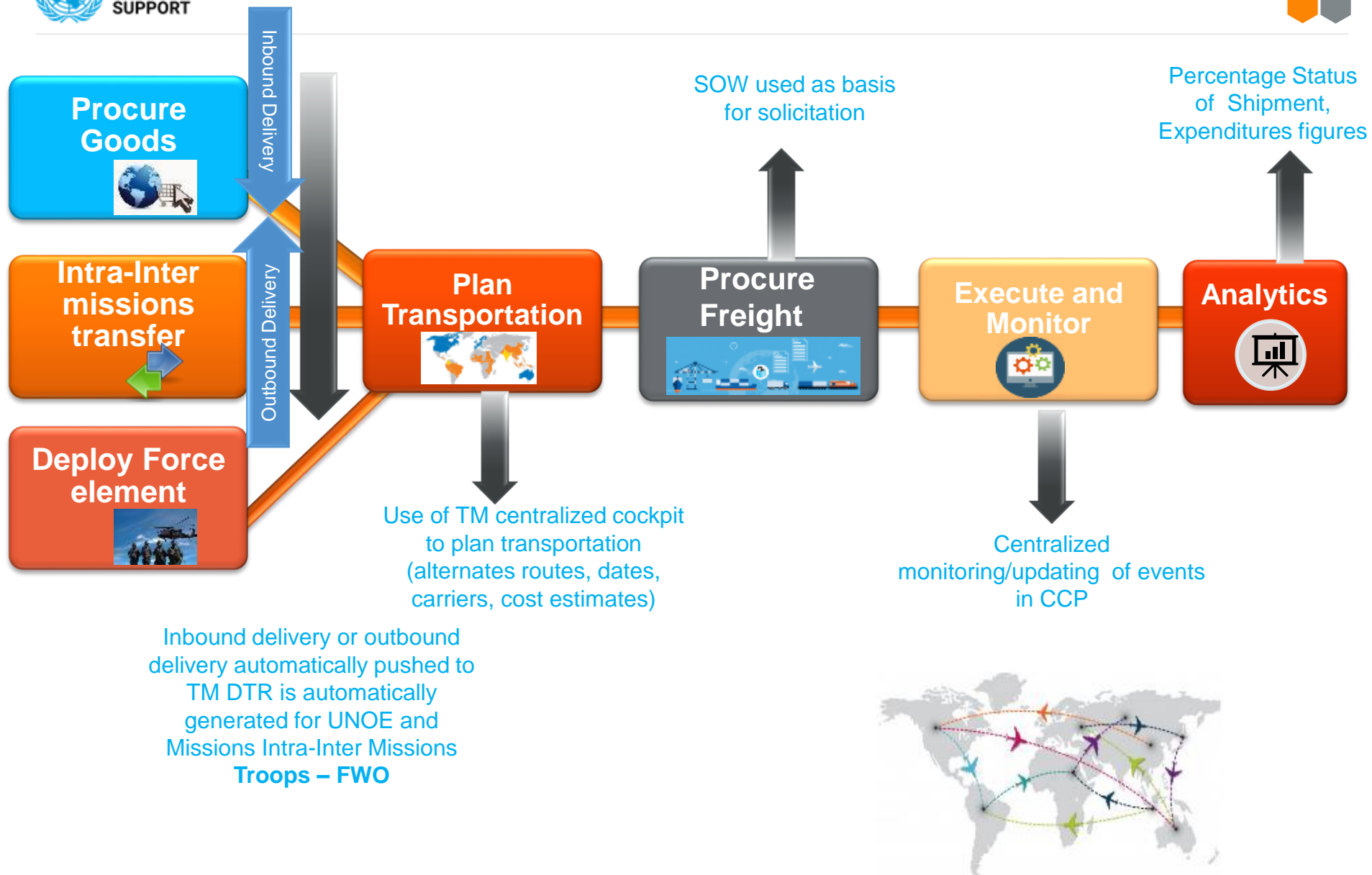
TM

- Transportation Planning and Consolidation
- Correct Incoterm validation



CCP

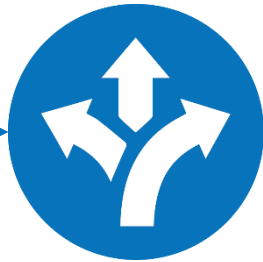
- Correct date and Time for Event submission



# DOCUMENT TYPE



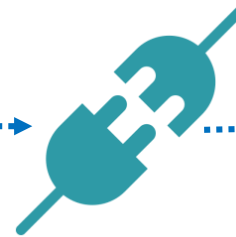
Delivery based  
Transportation  
Requirements -  
DTR



Freight Units -  
FU



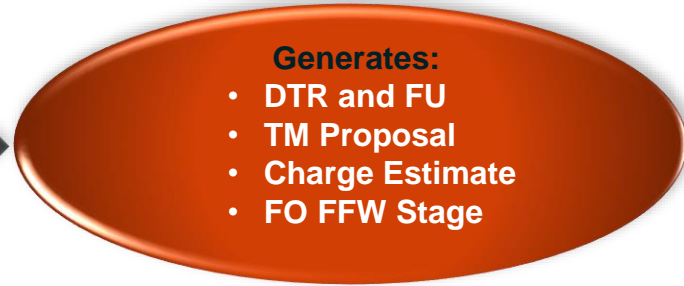
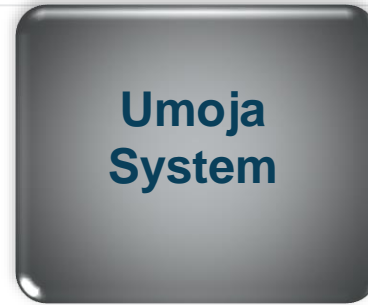
Freight Orders -  
FO



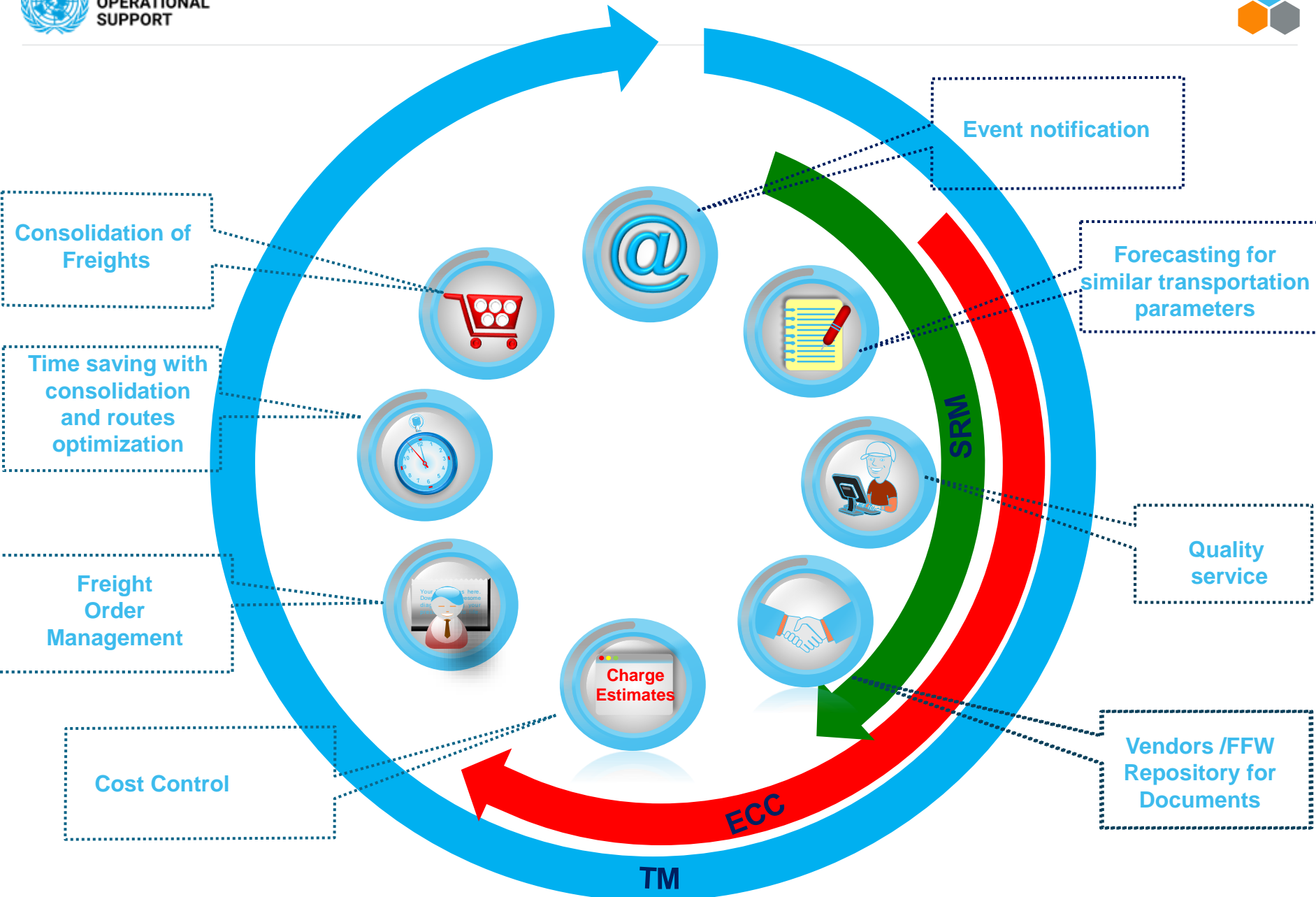
Statement of  
Work - SOW



Notes -  
Attachment



# TRANSPORTATION FEATURES



Consolidation of Freights

Time saving with consolidation and routes optimization

Freight Order Management

Cost Control

Event notification

Forecasting for similar transportation parameters

Quality service

Vendors /FFW Repository for Documents





## PLAN, EXECUTE, MONITOR

1. Consolidate freights
  2. Optimize routing and mode choices
  3. Automatic Charge Calculations
  4. End-to-End visibility of freight movements
  5. Improved support of regulatory compliance
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## MEASURE & IMPROVE

1. Measure and report detailed shipping records for inbound and outbound freight
  2. Using actual data to define/determine accurate needs, align plans and procurement volumes
  3. Monitor vendor and Freight Forwarder performance (opportunities & challenges)
- 

## SUSTAIN

1. Standardize transportation process
2. Logistics cost reduction



ACRONYM	DESCRIPTION
TM	Transportation Management
DTR	Delivery-based Transportation Requirement
FU	Freight Unit
FO	Freight Order
FWO	Forwarding Order
CCP	Carrier Collaboration Portal
SOW	Statement of Work



1

**SRM –**

- ✓ Incoterms
- Purchasing Group & Org
- ✓ Delivery Address & Dates

2

**ECC–**

- ✓ Picking & Packing

3

**TM –**

- ✓ Planning, optimizing & execution of transportation stages
- ✓ Updating transportation network data

4

**CCP –**

- ✓ Monitoring
- ✓ Submitting and Updating Expected and Unexpected Events

**THANK YOU!**  
**Questions or Comments?**