

# PRO1 - TMS

## Informations générales

**Code:** PRO1

**Titre:** TMS

**Type:** TPRO1 - Implementation

**Statut:** En cours

**Sponsor:** ENT1 - VT Supply Chain (Interne)

**Référence du train:** None

**Météo:** Aucun(e)

**Taux avancement global estimé:** 0

**Taux avancement délai:** 0

**Date de début:** 2025-06-01 00:00:00

**Date de fin estimée:** 2026-09-30 00:00:00

**Date de fin réelle:** None

**Budget OPEX estimé:** None

**Budget OPEX réel:** None

**Budget CAPEX estimé:** None

**Budget CAPEX réel:** None

## Caractéristiques

| Caractéristique | Nature | Valeur |
|-----------------|--------|--------|
|-----------------|--------|--------|

## Contexte

OPmobility has decided to implement a central TMS (Transport Management System) solution that did not previously exist (either at the local or central level).

This solution requires process changes in the supply chain, the creation of ad-hoc department, and the implementation of an IT system supporting the entire process.

This solution will transform the transport operations' company across Mexico, US/Canada, Europe, and the rest of the world (APAC and South America regions).

## Contributeurs

| Entité | Acteur | Rôle |
|--------|--------|------|
|--------|--------|------|

## ADR

| ADR | Description |
|-----|-------------|
|-----|-------------|

## Key results

| Key result | Description | Type |
|------------|-------------|------|
|------------|-------------|------|

## Processus

| Processus |
|-----------|
|-----------|

## Adhérences

| Projet | Type | Impact |
|--------|------|--------|
|--------|------|--------|

## Démarche

## Contraintes

| Contrainte | Description |
|------------|-------------|
|------------|-------------|

## Exigences

| Exigence | Type              | Description   |
|----------|-------------------|---|
| PROEX1   | Non fonctionnelle | User characteristics: In general, the users will be able to use the solution from a PC, a laptop or a tablet via the web portal of the solution. External partners will access the application only via the web portal; the admin user will have direct access (such as SSH) to the solution. |
| PROEX2   | Non fonctionnelle | Location characteristics: The solution will be in long term to spread worldwide. In the context of the current document, the following country/region will be in the order withing the scope: Mexico, US/Canada, EMEA, APAC, SAO  |
| PROEX3   | Non fonctionnelle | Load characteristics: The shipment volume will progressively increase yearly: 2026: 100 000 shipments,2027: 450 000 shipments,2028: 470 000 shipments These volumes are approximative and will be detailed during the editor workshops.   |

## Sécurité

| Sécurité | Description |
|----------|-------------|
|----------|-------------|

## Capacités

| Capacité | Type | Impact |
|----------|------|--------|
|----------|------|--------|

## Objets métiers

| Objet métier | Type | Impact |
|--------------|------|--------|
|--------------|------|--------|

## Services

| Service | Type | Impact |
|---------|------|--------|
|---------|------|--------|

## Solution applicative: PROSCEN1 - Applicative Solution

**Description:** None

## Paysage applicatif impacté



## Applications

| Application    | Type         | Impact   |
|----------------|--------------|--|
| APP954 - 4Flow | Modification | Introduction of a central TMS for transport planning, execution, optimization, and freight invoice control. Consumes master and demand data from SAP/EDI, performs transport and MRP related optimization, and sends outputs back to SAP. Carrier operational systems remain out of OPMobility responsibility. |

|                            |              |  |
|----------------------------|--------------|--|
| APP955 - BOOMI             | Modification | Extension of the integration layer to orchestrate SAP-TMS exchanges. Implements new SAP interfaces (master data, invoices) using the Boomi for SAP add on where available, or custom BAPIs for Lighting.   |
| APP952 - SAP ECC6 Exterior | Modification | Activation and extension of interfaces toward the TMS ecosystem: exposure of master data, exchange of MRP optimization results, reception of carrier invoices for posting and archiving, and generation of new outbound logistics messages (plant to plant and returnable ASN) |

## Composants logiciels

| Composant logiciel                                 | Type         | Impact   |
|--|--------------|--|
| CLOG328 - Boomi for SAP Add-on (SAP ECC6 Exterior) | Modification | To be installed in SAP for each BG except for Lighting |

## Flux logiques

| Flux logique | Type | Impact |
|--------------|------|--------|
|--------------|------|--------|

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