# Atomiton Terminal Loading and Distribution Solution

*- digitizing the world one application at the time ™*

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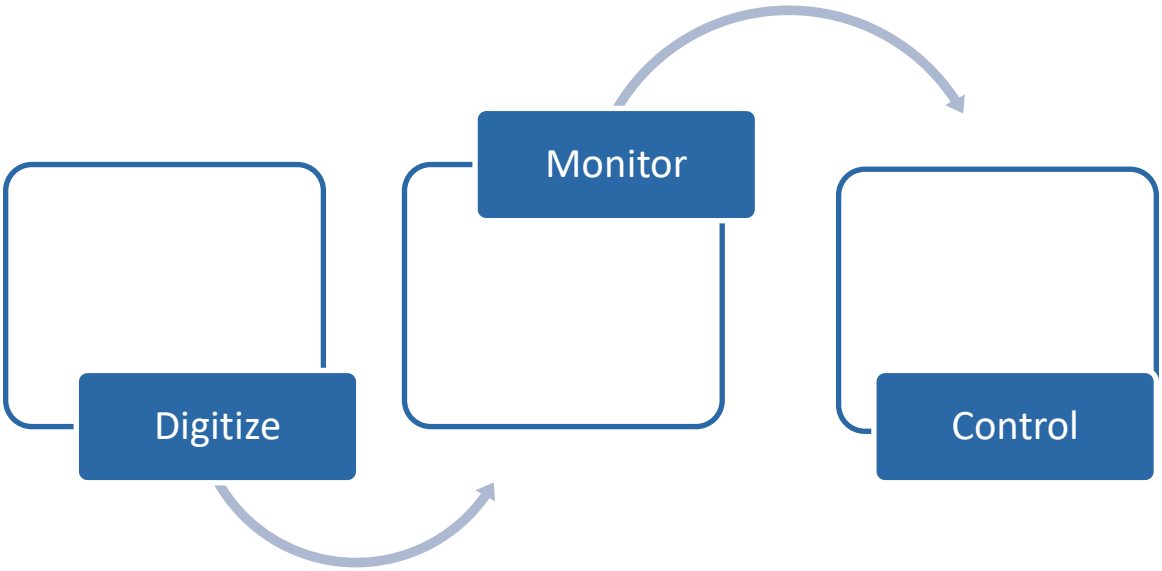
Atomiton Inc.




Trucking User Guide

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## OVERVIEW

This document introduces the trucking portal user to the Terminal Loading and Distribution Solution (TLDS).

## INTRODUCTION AND PURPOSE

The TLDS's Trucking Portal provide a single plane of glass for terminal users to monitor and control the daily end-to-end fuel distribution operations.
The purpose of this application is to reduce repetitive work and thereby free the users from tedious tasks. By automating tedious tasks, the users can instead focus on ensuring optimal operational execution and thereby increase both customer and third-party partner satisfaction, while minimizing operation cost.

## RELATED DOCUMENT REFERENCES

Atomiton - Terminal Loading and Distribution Solution - Customer User Guide.pdf
Atomiton - Terminal Loading and Distribution Solution - Planner User Guide.pdf
Atomiton - Terminal Loading and Distribution Solution - Terminal User Guide.pdf
Atomiton - Terminal Loading and Distribution Solution - Trucking User Guide.pdf

## DIGITAL TERMINAL SOLUTION ARCHITECTURE

The Terminal Loading and Distribution Solution uses the advanced computing technology, such as sophisticated algorithms' and Artificial Intelligence (AI) to forecast customer inventory levels and optimize schedule delivery operations.

### SOLUTION COMPONENTS

Figure 1 shows a high-level architectural overview of the solution components.

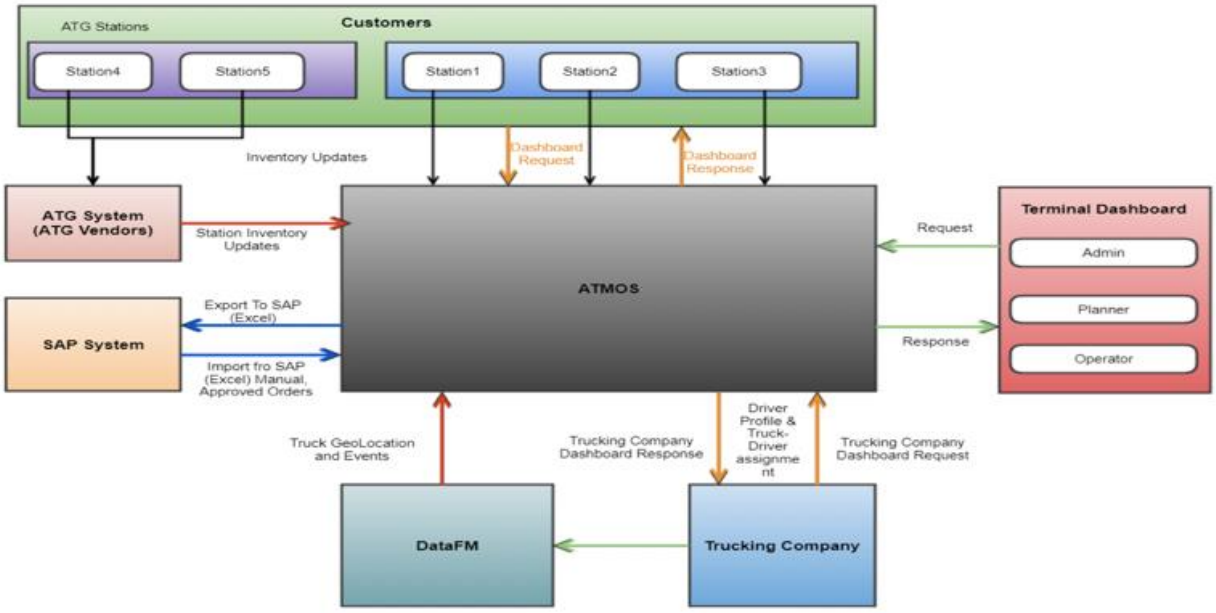


**Figure 1 –Terminal Loading and Distribution Solution – High Level Flow**

The following table describes the devices, gateways, networks and Digital Terminal servers displayed in Figure 1.

| Level | Description |
|---|---|
| **Customer** | Stations monitoring current inventory and order progress. Stations may either be configured for automation inventory reporting or fully automatic. The latter is refered to as ATG data.<br><br>The solution provides a portal targeted the needs of this organization. |
| **ATG System** | A system providing automatic fuel tank product inventory level. |

| | |
|---|---|
| **Enterprise Software System** | Provides enterprise software functionality, such as order and billing management. |
| **Truck GPS (PLS)** | Provides truck location and Process Lee System (PLS) functionality. |
| **Trucking Company** | Organization providing payload transportation services.<br>The solution provides a portal targeted the needs of this organization. |
| **Terminal Dashboard** | The Terminal Dashboard provides an interface targeted the needs of the terminal organization. |

## TRUCKING PORTAL USER INTERFACE

## GLOSSARY

**ATA:**
Actual Time Arrival.
**ATG:**
Automatic Tank Gauging.

Description:
An ATG uses probes located in each tank or compartment to measure fuel and optionally water levels. Each probe may for example consists of a long rod with floats or sensors. In this case the position of the floats tells the ATG controller (computing device) how much fuel and water are present in the tank.
**C&I:**
Commercial & Industrial.
**CSC:**
Customer Service Center.
**DN:**
Delivery Note.
**ETA:**
Estimated Time Arrival.
**ETC:**
Estimated Time of Completion.
**ETD:**
Estimated Time of Departure.
**FAN:**
Filling Advice Notice.
**FBS:**
Fuel Fact
Truck GPS Data.
**LPO:**
Loss Prevention Observation.
**PLS:**
Process Lee System.

Definition: Lee - 'protecting shelter' or 'the side (as of a ship) or area that is sheltered from the wind'.
**SO:**
Sales Order.
**SOP:**
Standard Operation Procedure.
**TCI:**
Trip Creation Instruction.
**TTLR:**

Tank Top Loading Rack.

**USTS:**

Underground Storage Tank System.

**VCO:**

Value Chain Optimization.

**V&V:**

View & Verify.

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**Truck 'GPS Data':**

A broad term used for all data related to a given Trucks geolocation,
including any data that can be derived from the GPS based data.
Derived includes abrupt breaking or acceleration, driving beyond speed limit, etc.

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