

TrackFlow - Advanced Tracking System



Ground Transportation Management System (GTMS)

TagMaster NA's TrackFlow is the premier GTMS software solution and combines the fastest and most accurate vehicle identification technology of Long-Range RFID readers and LPR cameras. It allows airports, owners, and operators to effectively control the curbside flow of commercial vehicles by class type, set peak and lull times, and log trip and dwell times. TrackFlow offers enhanced features such as zoning, dispatching, and anti-passback options to increase security.

TagMaster

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Why TagMaster NA GTMS Solutions?

With continued growth in air travel each year and increases in vehicle congestion around passenger terminals, it is crucial that airports implement a Ground Transportation Management System (GTMS) to efficiently improve operations.

TagMaster NA's GTMS combines **automatic vehicle identification (AVI) solutions, customizable software,** and **additional system components** to create a more efficient and controllable ground transportation environment.

Using networked **RFID readers, LPR cameras, or a combination of both**, GTMS helps airport operators identify and manage curbside commercial vehicles.

Increase Oversight

- Commercial vehicle identification
- Reduced traffic congestion
- Customizable and downloadable reports
- Real-time event reporting
- Tiered user permissions
- Remote access to the easy-to-use web-based interface

Heighten Security

- Real-time reports for vehicle management
- Identify commercial vehicles in authorized areas using RFID tags or registered license plates
- Identify unauthorized vehicles

Improve Customer Experience

- Faster ground transportation response times
- Efficient use of curbside space
- Simplified chute management and better traffic flow
- Reduced traffic congestion for better airport appearance

By **maximizing** revenue, security, customer satisfaction, and **reducing** carbon emissions and traffic congestion, our solutions offer an effective and eco-conscious answer to commercial and ground transportation vehicle management.



Airport Management Software Benefits

- Improve commercial vehicle management
- Increase security
- Increase vehicle throughput
- Reduce traffic congestion
- Maximize revenue
- Improve customer satisfaction and service

Each airport has its own unique requirements, so our GTMS solutions are **customizable** and **scalable** to meet **your unique needs**.



About TagMaster NA Solutions for GTMS

Multiple TagMaster NA RFID readers and/or LPR cameras can be supported with **one central interface**.

RFID

- No interference with airport communications
- License-free worldwide
- RFID readers are designed to withstand extreme weather
- RFID tags cannot be cloned or duplicated

LPR

- Dual lens camera – Infrared & Color
- Captures plates as close as 10 feet
- PoE++ enabled camera
- Auto-Focus & Motorized Zoom
- Powerful on-board LPR processing

TrackFlow - The TagMaster Solution for Ground Transportation

Give your curbside customers a first-class experience

Powerful Facility Management Tools

- User friendly web interface
- Setup peak and lull times, and enforce compliance of curbside flow
- Keep track of vehicle's usage – trip and dwell times
- Manage White List, BOLO List, and define Access Filters
- Create Users and Groups, assign Permissions, manage multiple Companies, and define Zones (Area, Regions, and Devices)
- Assign multiple credentials to a company at once. Edit any of the credentials details or add new credentials in the same page
- View and export key data information - Events, Durations, Credentials, Vehicles, and System logs
- Enable multiple live webcam feed with customizable view for single or multiple images
- On demand or scheduled Database backup and restore

Registration

End User data entry

- Save time entering user information by having users register their information themselves
- Users input their credential, personal, and vehicle details

Support Multiple Portals

- Portals by groups
- Portals by company
- Portals by access privileges

Support File Upload

- Validate important documents such as driver's licenses, registration, and other important documents

Dispatching Dashboard

Customize

- Define specific threshold values per Area

Automatic Dispatching

- Drivers are automatically queued up and email and/or text notified to proceed to the curbside upon specific demand

Overstay / Understay Alerts

- Alert notifications help to improve operation and compliance at the curbside and commercial areas

Schedules

- Automatically change the commercial area threshold at certain times of day or week, for busier or slower periods

