MYDRIVE VERSION ENHANCEMENTS
Release Notes

INTERNAL ONLY
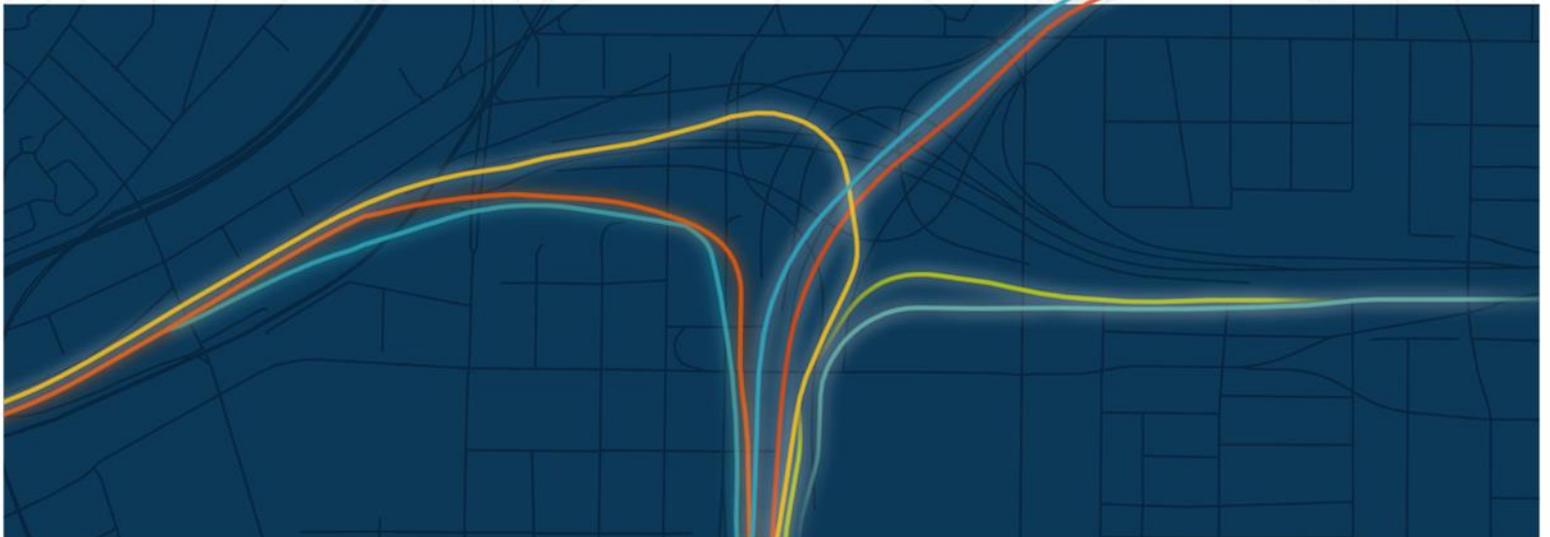
myDrive Version Enhancements : Release Notes
December 2023 Edition

TRADE SECRET
This edition is based on MyRide Version 1.7

INTERNAL ONLY

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myDrive PRODUCT INFORMATION

myDrive is the next generation of Mobile Data Terminals (MDTs) from TripSpark. This durable, modern MDT with myDrive is purpose-built for public transit, and works with TripSpark's Fixed Route software solution, Streets. It provides added safety features for your drivers while communicating the mission-critical information they need to deliver efficient and reliable service to riders.

ABOUT THIS RELEASE

These release notes summarize the features of the myDrive Software v1.7 December 2023 release. This document includes information about:

- New myDrive Hardware Features
- New myDrive Diagnostics Features
- New myDrive Software Features
- Upgrade Deployment Guidelines
- Minimum System Requirements

New Features

myDrive Hardware Features

GFI FAREBOX INTEGRATION OVER J1708

myDrive now supports the ability to perform single sign on to the GFI farebox. If the driver logs on to myDrive, myDrive will subsequently log the driver onto the farebox. Integration between myDrive and GFI farebox solutions are done over J1708 using the J1587 protocol.

myDrive Software Features

ROUTE BOOK (ADD-ON FEATURE)

This new Integration with Route Book allows the driver the ability to look up route information on their MDT directly. The driver can now:

- Accessed the Route Book from the logon page and the driver dashboard.
- Check their route information on the trip detail page.

Additionally, this new feature allows users to manage add-ons from Streets, configure the map from Streets, mapping to myDrive and access System Status for checking geolocation.
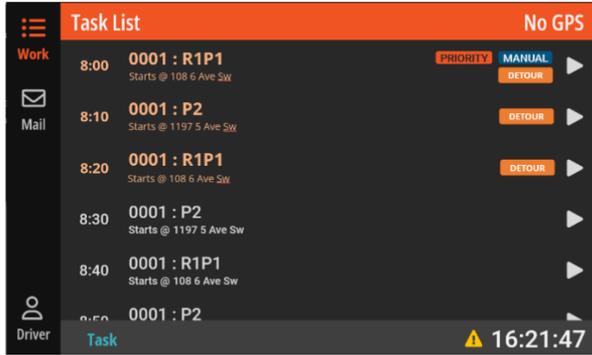
SERVICE INTERRUPTIONS (DETOURS)

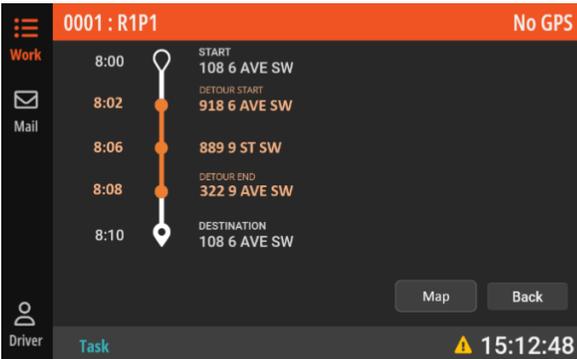Added the ability to show route interruption information on the following myDrive screens:
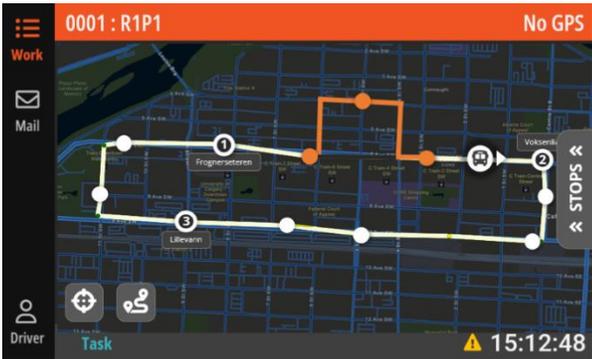
Blocker Screen (when the vehicle is in motion)

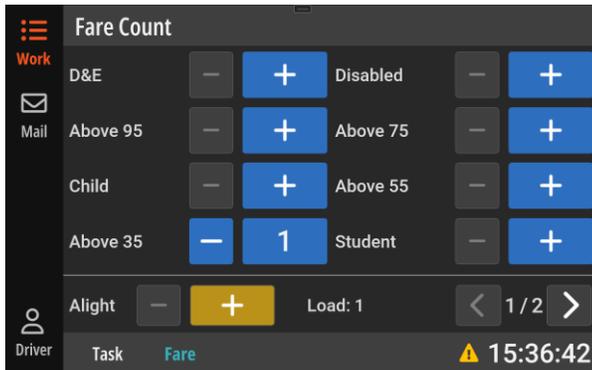**Task List**

Task Detail screen

Task Detail Map screen

MANUAL FARE AND PASSENGER COUNTING

Added the ability to manually count fares and passenger counts directly on the myDrive unit to support vehicles without Automatic Passenger Count integration.

Fare Count Screen

myDrive Diagnostic Features

SHOW THE LIST OF APPLIED WINDOWS UPDATES

Maintenance personnel can now see what Windows updates have been applied to their units so they can see whether units need software updates.

==*NOTE: For detailed information on all new features, please refer to the myDrive New Features Confluence Page.*==

Improvements

- ✓ Updated the aesthetics of a "No GPS" event to white with a crossed-out circle marker to separate it from the orange color used for Detours.
- ✓ Software updates now show up as a snackbar on the logon page.
- ✓ Improved system warnings for geolocation.
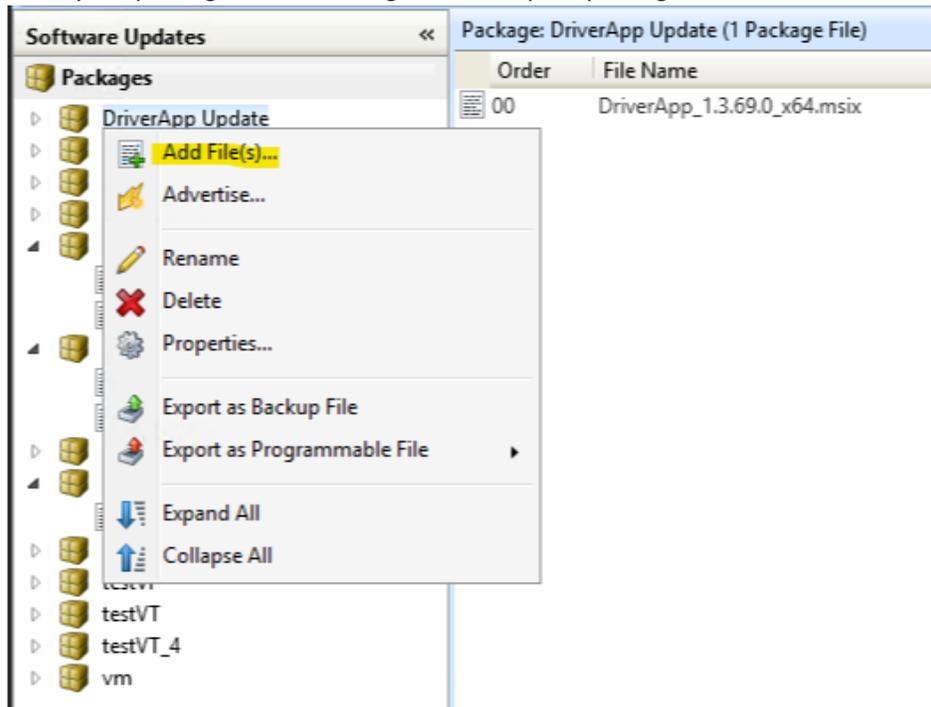
UPGRADE DEPLOYMENT GUIDELINES

Software updates to myDrive can be deployed over the air with XMM or locally using a USB flash drive.

Over the air with XMM

1. Go to the "Create" tab and choose "Package"

2. Follow all of the prompts

3. Once your package is created, right click on your package on the sidebar and choose "Add Files"

4. Add the software update .pkg file that was provided by TripSpark. The destination folder can be left as the default value.

5. Once you are done adding the file, advertise the package to the fleet by right clicking on the package and selecting "Advertise"
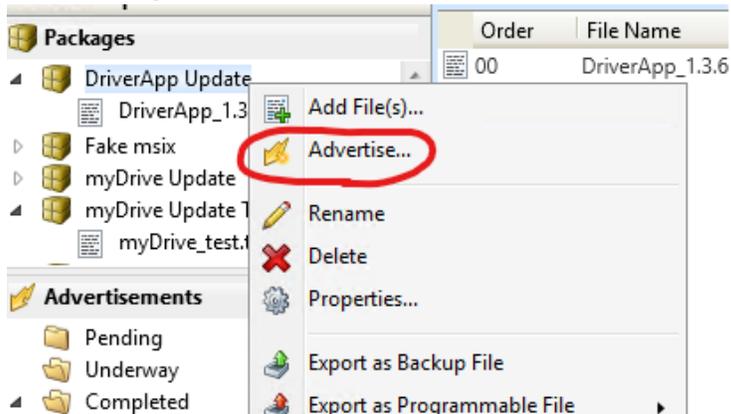
6. Follow the prompts to add the devices you wish to send the update to

USB XMM Package Update

Updates can be done directly on the myDrive MDT by using a USB flash drive.

1. Copy the XMM package onto a USB flash drive
2. Plug the USB into the myDrive MDT
3. Once myDrive detects the USB, it will prompt for the maintenance PIN. Entering the maintenance PIN will allow the software to update

MINIMUM SYSTEM REQUIREMENTS

Features for this myDrive release requires the following backend versions:

- Streets 7.1+
- XMobileManager 3.10.1+

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