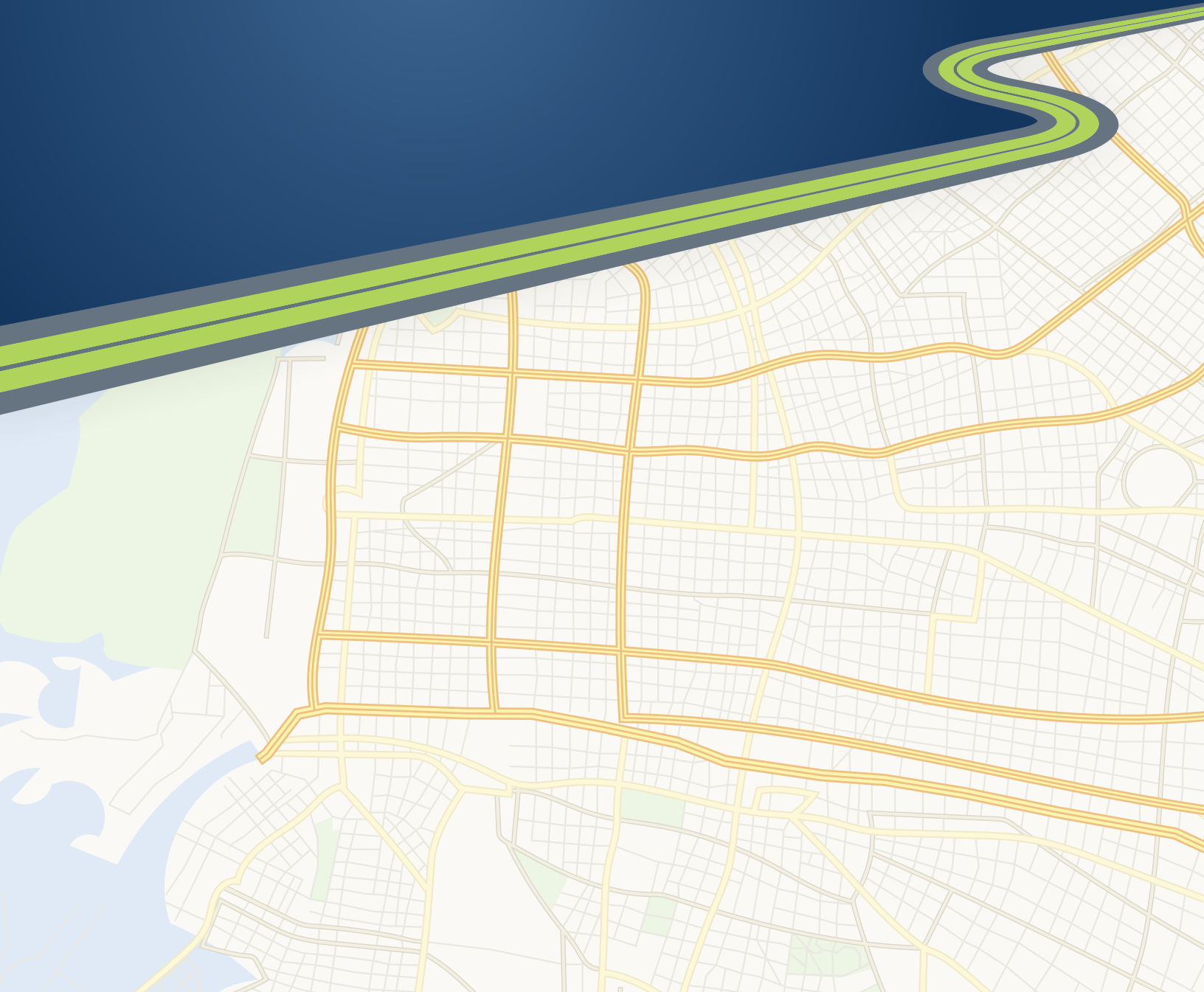


Release Notes



PC★MILER<sup>®</sup>29



Technology Beyond Miles



**ALL RIGHTS RESERVED**

*You may print one (1) copy of this document for your personal use. Otherwise, no part of this document may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language, in any form or by any means electronic, mechanical, magnetic, optical, or otherwise, without prior written permission from ALK Technologies, Inc.*

© Copyright 2015 ALK Technologies, Inc. | 457 N Harrison Street, Princeton, NJ 08540 USA

# Table of Contents

<b>1. General Information: Updates and Patches .....</b>	<b>1</b>
• Downloading and Installing Updates and Patches .....	1
<b>2. Issues Resolved in this Release .....</b>	<b>3</b>
• General Information .....	3
• Issues Resolved .....	3
○ Specific to Installation.....	3
○ Specific to PC*MILER User Interface .....	3
○ Specific to PC*MILER-AS/400 .....	5
○ Specific to PC*MILER BatchPro.....	5
○ Specific to PC*MILER Connect .....	5
○ Specific to PC*MILER Energy .....	6
○ Specific to PC*MILER HazMat .....	6
○ Specific to PC*MILER Mapping .....	6
○ Specific to PC*MILER Spreadsheets.....	6
○ Specific to PC*MILER Streets .....	7
○ Specific to PC*MILER Tolls .....	7
○ Specific to PC*MILER Traffic .....	7
○ Specific to PC*MILER Worldwide.....	7
○ Specific to RouteSync.....	7
<b>3. Contact Information .....</b>	<b>9</b>

# Section 1

## General Information: Updates and Patches

---

Between version releases, updates and patches are periodically made available as the need arises. These may include corrections to any reported errors in the software or data, or access to new data releases (for applicable products and license types\*).

Please note that patches and updates are cumulative, meaning they include items from previously released patches/updates of the same type and for the version identified. ALK strongly recommends checking for the most current updates regularly.

\*If a PC\*MILER product was purchased along with ALK's Annual Support & Update Program (an AUP license purchase), customers are entitled to use PC\*MILER during the term of their agreement as well as to receive data updates when and if available. Otherwise, PC\*MILER is purchased as a Perpetual license. For more information on upgrading a Perpetual license to an AUP license, please contact a PC\*MILER Account Executive at 800-377-6453 ext. 1 or email [sales@alk.com](mailto:sales@alk.com).

### Downloading and Installing Updates and Patches:

PC\*MILER is equipped with a web-based update tool to facilitate the download and installation of software patches and updates. To access this feature, open PC\*MILER and select the Help tab > Check for Updates and follow the instructions on the screen. This feature requires an Internet connection.

Provided you have an Internet connection and applicable license type, follow the steps below to install the available updates:

1. Close all open instances of PC\*MILER and its connectivity products. If a third-party program that accesses any PC\*MILER component is running, (for example, PC\*MILER|Connect or PC\*MILER|Mapping) it must be closed before updating.
2. Open PC\*MILER and select the Help tab > Windows group > *Check for Updates*. The PC\*MILER Updater dialog will open. The Updater first checks for valid license information and then begins checking for available updates.
3. When the search for updates is complete you will see all available updates listed. In the **Download & Install** drop-down menu next to each available update, select either *Download & Install* to download and install right away or *Download* to download now and install at a later time.
4. Note the version number of the updates you will be downloading so you can check if the update installed properly (see Step 7 below).
5. Selecting either option will begin the download process. You will see the progress of the download reflected in a progress bar. If any PC\*MILER-related application is open, you will be prompted to close it. After closing the application(s), click **OK** to continue with the download.

6. If you chose *Download and Install*, the InstallShield Wizard will open when the download is finished. Follow the instructions to complete the installation. After installing, you will see the update listed under “Installed Updates” in the Updater window.

If you chose *Download*, when the download is finished the button to the right will now say “Install”. You can complete the installation as described above at any time in the future by opening the Updater window and clicking **Install**.

7. As a last step, check to make sure the update installed properly. Select the Help tab > About group > *About...* and look for the Software Version number under “This Product is Licensed To”. It should match what you downloaded.

## Special Notes:

There are no special notes related to this software patch.

# Section 2

## Issues Resolved in this Release

### General Information:

<b>Product:</b>	PC*MILER 29
<b>Update Type:</b>	Software Patch
<b>Version Number:</b>	Version 29.1.36.0
<b>Date Released:</b>	October 5, 2015

### Issues Resolved:

#### Specific to Installation

Case ID	Category	Summary
PCM-338	Documentation	Documentation clarified on an installation issue on Windows 10: Because of an unresolved issue with folder permissions in Windows 10, if you are installing from a network, you'll need to copy the downloaded PC*MILER installation folder to the desktop or C drive and then run the setup.exe from there in order to properly install some of the necessary files.
PCMPAT-96	Installation	Fixed an issue during the installation of an Enterprise License in the Silent Installer where it was prompting users to activate the license when it should not have.

#### Specific to PC\*MILER User Interface

Case ID	Category	Summary
PCMPAT-185	Documentation	Documentation clarified on the new way to search for Custom Places, which was moved from the Location Radius window into the Route window in the Version Release.
PCMPAT-280	Map	Fixed an issue in the Map Features dialog where the "Avoid & Favors" map layer wasn't moving to the top of the list when "To Top" was selected.
PCMPAT-38	Map	Fixed an issue in the Map Features dialog where the "Reset" button was not functioning properly.
PCMPAT-46	Map	Fixed an issue in the Map Features dialog where the "Show All" and "Hide All" buttons were not functioning properly.

PCMPAT-139	Map	Fixed an issue in the Map menu > View group... > Frame > Frame Areas menu where no areas were being displayed in the drop down options.
PCMPAT-9	Map	Fixed an issue on the map in the Route Legend where it truncated longer route names.
PCMPAT-73	Map	Fixed an issue on the map where a generated route's time stamps were not populating after 27:00 into the trip.
PCMPAT-133	Map	Fixed an issue on the map with an inconsistent mileage display when using the Map's Route Distance Tooltip.
PCMPAT-233, PCMPAT-43	Map	Fixed an issue on the map with the map's display of a route line when using the Drag Route feature.
PCMPAT-239	Printing	Fixed an issue when Printing maps and reports where an "Invalid printer, please check the default printer is correctly set" error message was seen.
PCMPAT-90	Reports	Fixed an issue in the Detailed Report where inaccurate 53-foot routing warnings were being displayed for routes in Michigan.
PCMPAT-282	Reports	Fixed an issue in the Road Type Report where Ferry miles weren't accurately calculated in the report's total numbers.
PCMPAT-86	Route Options	Fixed an issue in a route's summary that listed "Ferries Discouraged" instead of "Ferry Discouraged" when the Ferry Discouraged routing option was selected.
PCMPAT-240	Route Options	Fixed an issue in the Route Options dialog where decimal point values were not being accepted as valid entries in the Height fields in the Vehicle Dimensions tab.
PCMPAT-162	Tools	Fixed a display and geocoding issue when the system Language Setting was set to French (Canada) or French (France).
PCMPAT-104	Tools	Fixed a stop ordering issue when generating an optimized route with stops set as lat/long coordinates.
PCMPAT-44	Tools	Fixed an issue in Route Profiles where if the Hazmat option of None was changed to any other Hazmat option, e.g. Explosives or Flammable, the change was not being reflected in the saved profile.
PCMPAT-124	Tools	Fixed an issue in the Avoid/Favor Manager when avoid/favor details were still being displayed in the manager after a saved Set was deleted.
PCMPAT-134	Tools	Fixed an issue in the Avoid/Favor Manager where after a converted avoid/favor file from a previous version was imported, the imported designations were not shown in the Avoid/Favor Manager.
PCMPAT-120	Tools	Fixed an issue in the Custom Place Manager – when saved places were edited it sometimes created a brand new place in the manager window.
PCMPAT-78	Tools	Fixed an issue in the Geofence Manager that was not fully removing deleted geofences from the manager's window.

PCMPAT-275	Tools	Fixed an issue in the HOS Manager with an intermittent crash when HOS settings were selected and then a route was generated.
PCMPAT-211	Tools	Fixed an issue in the Route window when inappropriate HOS Stops were being inserted when the destination was changed.
PCMPAT-55	Tools	Fixed an issue in the Route window – when searching for places in the "Truck Services (HOS)" category after searching for places in the "Fuel Stop" category, an incorrect result of 0 places was returned.
PCMPAT-152	Tools	Fixed an issue in the Route window where sometimes an erroneous "Unable to route due to lack of routes in our data" message would be displayed when in HOS mode.
PCMPAT-258	Tools	Fixed an issue in the Route window where the Stop Type and Duration columns were not being removed from the window when the HOS features were unchecked/disabled.
PCMPAT-122	Tools	Fixed an issue in the Route window with the Search button when looking for Places of Interest along a route line.
PCMPAT-48	Tools	Fixed an issue in the Route window's Column Chooser where selecting the Cancel button was not resetting the check boxes to their last state.
PCMPAT-163	Tools	Fixed an issue in the Vehicle Profiles Cost/Time tab where default values displayed were not matching the corresponding default values found in the Route window's Options dialog.

### Specific to PC\*MILER-AS/400\*

There were no specific issues resolved in this product.

### Specific to PC\*MILER | BatchPro\*

Case ID	Category	Summary
PCMPAT-141	User Interface	Fixed an error launching the PC*MILER   BatchPro 64-bit executable.

### Specific to PC\*MILER | Connect\*

Also includes information on PC\*MILER | TCP/IP\* and PC\*MILER | RouteMatrix\*

Case ID	Category	Summary
PCMPAT-175	APIs	Fixed an issue where the Find POIs Along a Route APIs were returning inaccurate results: <i>PCMSFindFuelStopsAlongRoute</i> , <i>PCMSFindFuelStopsAlongRoute2</i> , <i>PCMSFindPOIsAlongRoute</i> , <i>PCMSFindPOIsAlongRoute2</i> , <i>PCMSGetFPARPOICategoryName</i> , <i>PCMSGetFuelProviders</i> , <i>PCMSGetNumFPARPOICategories</i> , <i>PCMSGetPOIAlongRouteResult</i> .
PCMPAT-248	APIs	Fixed an issue where the HOS APIs were returning inaccurate results: <i>PCMSGetHOSRouteReport</i> , <i>PCMSGetStopOptions</i> , <i>PCMSSetHOSAvailableTime</i> , <i>PCMSSetStopOptions</i> ,



		<i>PCMSValidateRouteHOS.</i>
PCMPAT-102	APIs	Fixed an issue with <i>PCMSReduceTrip</i> generating a route on roads that were not included in the lat/long breadcrumb trail.
PCMPAT-237	PC*MILER TCP/IP	In the PC*MILER TCP/IP telnet service, fixed a crash when the LCV parameter was specified in <i>PCMSSetVehicleConfig</i> .
PCMPAT-204	Route Options	Fixed an issue where Hub Routing was not disabled when generating a route in HOS mode.
PCMPAT-173	Route Options	Fixed an issue where <i>PCMSSetCalcType</i> was not accepting the National Network as a valid routing option and returning inaccurate distance results.

### Specific to PC\*MILER|Energy\*

Case ID	Category	Summary
PCMPAT-29	PC*MILER Connect	Fixed an error code issue when PC*MILER Energy is also installed and the user tries to run a route on the Highway Only network.
PCMPAT-89	User Interface	Fixed an issue in the State/Country Report where mileage on Energy Roads was not being tallied correctly in the report's "Energy" column.
PCMPAT-142	User Interface	Fixed an issue when the "Survey Address" Stop Type is selected and editing a geocoded address, the location format would be displayed as a ZIP Code instead of a survey address.

### Specific to PC\*MILER|HazMat\*

*There were no specific issues resolved in this product.*

### Specific to PC\*MILER|Mapping\*

Case ID	Category	Summary
PCMPAT-201, PCMPAT-154	General	Fixed an issue with the Spreadsheets Add-in where functions were not returning correct values.
PCMPAT-254	Route Options	Fixed an issue where the "Use Highway Only" route option was unchecked and the interface was routing in "Highway Only" mode instead of "Use Local Streets" mode.

### Specific to PC\*MILER|Spreadsheets\*

Case ID	Category	Summary
PCMPAT-235	PC*MILER  Spreadsheets	Fixed an issue with the pcmserve.ini's DistancePrecision= option that was not correctly setting hundredths and thousandths when specified.

## Specific to PC\*MILER | Streets\*

There were no specific issues resolved in this product.

## Specific to PC\*MILER | Tolls\*

Case ID	Category	Summary
PCMPAT-243	Reports	Fixed an issue in the State/Country Report where the report was not properly calculating toll costs when "Use Discount Programs" was unchecked.
PCMPAT-159	Reports	Fixed an issue in the State/Country Report where the toll cost value reported was not matching the total toll value for the route.

## Specific to PC\*MILER | Traffic\*

Case ID	Category	Summary
PCMPAT-155	General	Fixed an issue with real-time traffic not being consistently included in ETA calculations.
PCMPAT-131	Map	Fixed an issue where traffic data was displayed on the map after it was turned off in the "Show Traffic" feature upon the application's shut down and restart.
PCMPAT-25	Map	Fixed an issue where the "Show Traffic" feature was not saving selected options in mymap.cfg.
PCMPAT-23	Map	Fixed an issue where the Traffic Legend was not changing according to the traffic display option selected in the "Show Traffic" dialog.
PCMPAT-231	PC*MILER   Connect	In PC*MILER   Connect, fixed an issue with drive time calculation inaccuracies in <i>PCMSGGetDuration</i> when PC*MILER   Traffic was enabled.
PCMPAT-88	Route Options	Fixed a crash in the Route window when Fastest was selected as the Route Type and Arrival/Departure times were changed.

## Specific to PC\*MILER | Worldwide\*

There were no specific issues resolved in this product.

## Specific to RouteSync\*

Case ID	Category	Summary
PCMPAT-267	PC*MILER   Connect	In PC*MILER   Connect, fixed an issue in the RouteSync Blob file where it sometimes did not contain any information regarding the defined stops.
PCMPAT-264	PC*MILER   Connect	New API available to support the JSON message format: <i>PCMSGGetRouteSyncMsg</i> .

PCMPAT-126	User Interface	Fixed a crash after logging into the ALK Cloud feature and trying to open the RouteSync Vehicle Manager dialog.
PCMPAT-190	User Interface	Fixed an issue after logging out of an ALK Cloud account where vehicles were still being displayed on the map even though users were not connected to their account.
PCMPAT-80	User Interface	Fixed an issue in RouteSync's Vehicle Manager window where sorting by "Last Message" was not properly sorting content.
PCMPAT-87	User Interface	Fixed an issue in RouteSync's Vehicle Manager window where the "Show Vehicle on the Map" feature was not functioning.
PCMPAT-79	User Interface	Fixed an issue when logged out of ALK Cloud, the RouteSync Send feature was available when it should not be since this feature requires users to sign into ALK Cloud.

**\*NOTE:** *Additional license applies.*

# Section 3

## Contact Information

### PC\*MILER Technical Support.

**H:** 9:00 AM – 5:00 PM EST, Monday-Friday, except U.S. holidays

**P:** 800-377-6453, ext 2

**P:** 609-683-0220, ext 2 (outside the U.S.)

**E:** [pcmsupport@alk.com](mailto:pcmsupport@alk.com)

**W:** <http://www.pcmiler.com/support>

### PC\*MILER Sales.

**H:** 9:00 AM – 5:00 PM EST, Monday-Friday, except U.S. holidays

**P:** 800-377-6453, ext 1

**P:** 609-683-0220, ext 1 (outside the U.S.)

**E:** [sales@alk.com](mailto:sales@alk.com)

**W:** [www.pcmiler.com](http://www.pcmiler.com)

## About ALK Technologies

ALK® Technologies, Inc., a Trimble® company headquartered in Princeton, NJ, was founded in 1979 as a transportation industry pioneer. ALK harnesses the power of information technology to enhance transportation and mobility, supporting competitive advantage and improved quality of life

Today, ALK is a global leader in GeoLogistics® solutions and navigation software, focused on developing innovative solutions for transportation, logistics, mobile workforces and consumers. Product lines include award-winning CoPilot®, a leading source of GPS navigation software for fleets, mobile operators, hardware OEMs, systems integrators, professional drivers and consumers. ALK's PC\*MILER® is widely recognized as a transportation industry standard for routing, mileage and mapping. ALK® Maps is a development platform designed for the transportation industry and provides commercial routing, geocoding and mapping visualization for enterprise applications.

For more information on ALK, visit: [www.alk.com](http://www.alk.com) or follow us at: [www.twitter.com/ALKTech](http://www.twitter.com/ALKTech).

