

7.1 SP7 Release Notes

Overview

Service Pack 7 of version 7.1, includes a number of enhancements to the GIS interface, as well as bug fixes and general improvements to the application platform.

Supported Third Party Applications and Versions

[Supported Platforms and Third Party Applications for Version 7.1 SP7](#)

New Features and Enhancements

1. **Added the ability to designate different access options for map or layer folders**

2. Added the ability to create and load an image layer from an image REST service

Dropped/Replaced Features

- N/A

Bug Fixes and Other Improvements

- Added: New 'Between' operand for date fields when filtering in GIS Explorer
- Added: Date range fields in the work orders completion window, to show work orders completed within a specified date range
- Added: Ability to select and print multiple work orders/rows in the work orders completion window
- Added: Ability for an application administrator to set user permissions for defining or updating a map filter in GIS Explorer
- Fixed: Issue in maintenance management, where the inventory element/route section selected from a previous work order is retained when creating a new work order
- Fixed: Issue in maintenance management, where the previous log mile to value is retained when perform a subsequent insertion of inventory element/section from a location
- Fixed: Issue in fleet management, where an error is displayed when attempt to complete a repair order with a costs daycard
- Fixed: Issue in pavement management analysis, when executing a multi-year analysis with work plan, where the flag for treatment in work plan, is not reset for each analysis year
- Fixed: Issue in pavement analysis, where an error is returned when attempt to update the target table for a selected work plan
- Fixed: Issue in pavement management for Hebrew language, where some headers in the survey graph and optimization analysis windows are displayed left-to-right
- Fixed: Issue in pavement analysis, where the dynamic segmentation process produces segments that are more than the specified maximum length
- Fixed: Issue in bridge inspection with the inspection manager window, where a filter could be applied to some fields but not to other applicable fields
- Fixed: Issue in bridge Inspections, where previously attached media to an inspection is removed when additional media attachments are added from an FTP location
- Fixed: Issue in bridge analysis, where an error is returned when attempt to edit the element scope for a copied analysis scenario
- Fixed: Issue in bridge analysis, where the number of characters allowed for the element scope description was limited to 100 characters instead of 2000 characters
- Fixed: Issue in GIS Explorer, where a defined area of interest is not applied when open a new map
- Fixed: General issue on a data window with a grid and map view, where the selection of a record on the grid part of the window intermittently does not highlight the corresponding record on the map
- Fixed: General issue system settings, where an error is displayed when attempt to insert additional pay periods
- Fixed: General issue in reports, where a user is erroneously able to delete a report that is shared publicly
- Fixed: General issue in standard reports, where aggregated number fields (e.g total sum) with 7 or more digits are displayed in scientific notation
- Fixed: General issue on the login screen for Hebrew language, where invalid characters are displayed in place of the hebrew script
- Fixed: General issue on a data window grid when high contrast setting is enabled, where the text of a drop down in highlighted row is not readable
- Fixed: General issue on a browser with flash disabled, where the context menu of actions in the application is overlapped by the browser menu when perform a right click in a window

Known Issues, Limitations & Restrictions

- The new GIS Interface like all web mapping applications requires datasets in the geographic coordinate system (EPSG:4326), so customer schemas with data stored in a different coordinate system would need to be transformed in order for map layers to be created from the dataset.
- Inserting a location or inventory item from a map is not functional when using Firefox as your web browser. To work around this limitation, use the other supported web browsers: IE 11, Chrome or Safari
- When select to print a map as an image (png file) whilst using Firefox as your web browser, the file is downloaded as map.png.pdf. You would have to manually edit out the '.pdf' extension from the file name, after the file has been downloaded, to be able to open/utilize the file
- While working on GIS Explorer and performing tasks that does not generate a request to the server (such as styling a map), your user session may expire as a result. The configured session expiration warnings will be displayed when this occurs or your session may timeout and a session expiration notification displayed, if a warning is not configured
- Map filter value does not get pre-populated in the Jasper report print template, even though the parameter is specified for display in the template
- Map filter value cannot be defined or edited for a map with a specified area of interest. To work around the definition limitation, the map filter should be defined before the AOI is set
- When labels are enabled and defined for a map/layer, the selection is not retained with the resulting map when the map is saved
- An area of interest filter and the crop setting are lost for a map when the screen is refreshed or across more than one user session
- A map's layer style settings become null and uneditable, when an applied filter is partially applicable or not applicable to the defined styling attribute values for the map
- On a map bound to a data window, some items when selected on the map aren't highlighted in the data window because they aren't present there (In data window items can be Access Regulated), but on the map all inventories are displayed.
- The loading and display of maps and associated styles in IE 11 is not as fast as Chrome, Firefox and Safari
- In the Roads & Highways interface, routes with curves are not handled properly by the ESRI FDGB API. A workaround is to have the agency densify the routes to turn the curves into line strings
- The HTML5 based copy/paste functionality has limitations on the number of rows that can be copied to a browsers clipboard
 - IE 11 - 4000 rows
 - Edge - 4000 rows
 - Chrome - 400 rows
 - Firefox - 1000 rows
- The spinner indicating that a layer is loading in the GIS Explorer, continues to spin after selecting to remove a previous loading layer by using either the new map or remove layer option
- The owner of a GIS catalog folder in GIS Explorer, no longer has access to the catalog, when the folder is shared by a GIS admin with administrative units that the owner of the folder does not belong to
- A map built from an image service is not rendered in the printed document (pdf or png) when select to print the map
- An image layer is not displayed on the map when change the basemap from the 'None' option to any other basemap option
- A map comprised of layers from multiple sources including an image service, does not display the layers in the correct z-order when the layers are re-ordered