

7.3.5 Release Notes

Overview

Version 7.3.5 includes enhancements and bug fixes to the AgileAssets asset management application platform.

Supported Third Party Applications and Versions

[Supported Platforms/Third Party Applications](#)

New Features and Enhancements

General

- The following views have been updated to include Work Order Location Comments (WORK_ORDERS_LOCATION.COMMENT_STR):
 - MATERIAL_TRANSACTIONS_USAGE_VW
 - REPORT_SECTION_WORK_ORDERS_GIS
 - REPORT_WORK_ORDERS_ALL_COSTS
 - REPORT_INFO_E_AND_DC
 - REPORT_WO_SECTIONS
 - REPORT_FEMA
- Confirmation messaging when leaving a page with unsaved data has been updated across all products for clarity and consistency.
- Material Shortlist can now be set to be filtered by Activity per module. For any Work Order Daycards window with this feature enabled, set the database to

```
com.agileassetsinc.ds.DwMaterialShortListByWOActivityForm
```

and add that module's ID in the Feature console's allowed list of modules.

GIS Explorer

- Folders in GIS Catalog Explorer can now be private, public, or shared. Users can create private folders, folders to share with a security group, or folders to share with an admin unit. Each user is can access their own private folder, folders that are shared with them, and folders that are public. Admin users have access to all folders in the Catalog Explorer.

Maintenance Manager

- Work Orders Location table has been improved to consider Work Order Number, Location ID, Asset ID, and Date Work when creating index. A new primary key has been added which allows work order location cards to be unique by Work Date where there is no location and no asset, and the primary key also allows for the same asset to be worked on over multiple days. This information can now also be reported on location day cards.
- Start and end times can now be selected while making a Labor Day Card from a work order.
- API support for Asset Collection app has been created. Users can now view asset attributes and provide asset list for inspections and addition to IDDE reports through an Asset List.

Work Manager

- Once a user creates a new Asset Type or edits an existing one, the Asset_VW used by the Work Manager and other mobile applications is refreshed automatically without needing to run a system job.
- Work Manager app can now configure a list of work order modules to be supported in the app:
 - Create work orders for supported work modules
 - View all related projects, asset types, and activities
 - Access all related labor, equipment, and material shortlists
 - Access related default asset list.

Storm Water Manager

- API support for Asset Collection app has been created. Users can now view asset attributes and provide asset list for inspections and addition to IDDE reports through an Asset List.

Other Improvements and Bug Fixes

- Added: Ability to delete Plan of Action correspondence records to Structures Manager.
- Added: Ability to prepopulate Project, Asset Type, and Activity field with Work Order Wizard in Signal and ITS Manager.
- Added: Drop-down columns to select graph types and additional methods to update graph properties have been added in Pavement Management.
- Added: Export Data function has been improved to retain user's choices in Resources.
- Added: High contrast color scheme has been added for easier viewing as needed.
- Added: If a permit selection has only one value, that value will be defaulted on new records in Work Manager.
- Added: Insurance payment due dates can now be tracked in a column in Fleet Management.
- Fixed: Issue in Asset Inspector has been resolved and app now functions correctly.
- Fixed: Issue in Asset Inspector has been resolved and assets without geometry can now have inspections associated with them and then edited. They will not show on the map but can be selected from the asset list.
- Fixed: Issue in Asset Inspector has been resolved and completed inspection sections are marked as Done after re-login.
- Fixed: Issue in Asset Inspector has been resolved and duplicate selections of the same asset being attached to a report will now generate an error message.
- Fixed: Issue in Asset Inspector has been resolved and IDDE Inspection Reports now download correctly.
- Fixed: Issue in Asset Inspector has been resolved and photo attachments now function correctly.
- Fixed: Issue in Asset Inspector has been resolved and Upload icon appears even for partial changes to an Asset Inspection.
- Fixed: Issue in Asset Inspector has been resolved and when a user selects an IDDE report on the map, the list will auto-scroll to make the related card visible and selected.
- Fixed: Issue in Bridge Inspector has been resolved and NBI elements now function correctly.
- Fixed: Issue in Bridge Inspector has been resolved and new records can be inserted, edited, and saved in the Bridge Inspection pane when there are records present.
- Fixed: Issue in Bridge Inspector has been resolved and zoom now functions correctly.
- Fixed: Issue in Bridge Inspector has been resolved and records can now be created on the Bridge Inspections tab.
- Fixed: Issue in Bridge Inspector has been resolved and switching between bridges now functions correctly.
- Fixed: Issue in Facilities Manager has been resolved and IE 11 error message now displays correctly.
- Fixed: Issue in Fleet Management has been resolved and Motorpool Dispatch window now functions correctly.
- Fixed: Issue in Fleet Management has been resolved and Motorpool Dispatch now saves correctly.
- Fixed: Issue in Fleet Management has been resolved and the equipment warranty column now displays the correct value.
- Fixed: Issue in Fleet Management has been resolved and the Mobile Fuel Transfer window now functions correctly.
- Fixed: Issue in GIS Explorer has been resolved and all maps and after creating a new folder all layers still display correctly in the catalog.
- Fixed: Issue in GIS Explorer has been resolved and any files can now be exported.
- Fixed: Issue in GIS Explorer has been resolved and div elements, including Properties and Legend windows, can be moved now.
- Fixed: Issue in GIS Explorer has been resolved and error message now functions correctly.
- Fixed: Issue in GIS Explorer has been resolved and image service maps now download and print correctly.
- Fixed: Issue in GIS Explorer has been resolved and layer visibility now functions correctly.
- Fixed: Issue in Maintenance Manager and Facilities Manager has been resolved that was not preserving material assignments on work orders. Now Assigned pane is populated once Material Short List pane is loaded.
- Fixed: Issue in Maintenance Manager has been resolved and FDC upload functions correctly for versions 7.3+.
- Fixed: Issue in Maintenance Manager has been resolved and formulas can now be applied to tables that have been exported to Excel.
- Fixed: Issue in Maintenance Manager has been resolved and multiple work time periods can be entered on custom time sheet windows without going into the Work Orders window.
- Fixed: Issue in Maintenance Manager has been resolved and snow routes now function correctly.
- Fixed: Issue in Maintenance Manager has been resolved and the Jobs drop-down list in the Work Orders window now correctly populates work orders and functions correctly.
- Fixed: Issue in multiple products and password error message now displays correctly.
- Fixed: Issue in multiple products has been resolved and all pop-up windows have minimum allowable size.
- Fixed: Issue in multiple products has been resolved and column order no longer shifts.
- Fixed: Issue in multiple products has been resolved and Esri image layer can now edit only layer attributes that are applicable.
- Fixed: Issue in multiple products has been resolved and inventory items can now be inserted from map on work order Location Day Cards including linear assets.
- Fixed: Issue in multiple products has been resolved and server error will no longer generate an error when a route ID filter had too many characters.
- Fixed: Issue in multiple products has been resolved and Work Order Day Cards windows now function correctly.
- Fixed: Issue in multiple products has been resolved that caused sorting columns to alter some column values.
- Fixed: Issue in multiple products has been resolved that generated a null object GroovyScript ID error.
- Fixed: Issue in multiple products has been resolved that was causing sqlTraceLogger time of execution to appear incorrectly.
- Fixed: Issue in Pavement Management has been resolved and Calculated Expression Name is now editable.
- Fixed: Issue in Pavement Management has been resolved and Contract Listing now functions correctly.
- Fixed: Issue in Pavement Management has been resolved and cost can now be updated.
- Fixed: Issue in Pavement Management has been resolved and decision tree window now functions correctly.
- Fixed: Issue in Pavement Management has been resolved and Insert Like now functions correctly on Annual Work Plans.
- Fixed: Issue in Pavement Management has been resolved and maps with layers can now be saved in a group.
- Fixed: Issue in Pavement Management has been resolved and work plan analysis results can now be copied.
- Fixed: Issue in Resources has been resolved and hours can now be approved and saved from the Timesheets window.
- Fixed: Issue in Resources has been resolved and unsaved changes now disappear when the user clicks Cancel in the editing pop-up window.
- Fixed: Issue in Road Maintenance has been resolved and GPS location search on work requests now functions correctly.
- Fixed: Issue in Road Maintenance has been resolved and Insert Like now functions correctly and populates new fields with data from the selected row.
- Fixed: Issue in Road Maintenance has been resolved and work order numbers now appear in error messages associated with a work order.
- Fixed: Issue in Road Maintenance has been resolved that allowed material day cards to be approved when the current amount was less than the amount on the day card.
- Fixed: Issue in Roadway and Facilities Manager has been resolved and edits made to parent projects in the In House Projects pane are reflected in child projects.
- Fixed: Issue in Roadway has been resolved and inventory items in map now function correctly.
- Fixed: Issue in Safety Manager has been resolved and safety analysis can now run whole network scenarios.
- Fixed: Issue in Signal and ITS Manager has been resolved and filters can now be set in Work Order Source PM window.
- Fixed: Issue in Signal and ITS Manager has been resolved and Insert Like now functions correctly and copies Assigned Stockpiles.
- Fixed: Issue in Signal and ITS Manager has been resolved and Work Order date update is now calculated and time stamped correctly.

- Fixed: Issue in Signal and ITS Manager has been resolved that was incorrectly displaying special characters.
- Fixed: Issue in Storm Water has been resolved and test sites can now be deleted without losing associated monitoring data.
- Fixed: Issue in Storm Water Manager has been resolved and Work Request Details can now be updated to make LRS Location optional. Work requests can now have a location and/or an asset and the asset does not need to have an LRS location.
- Fixed: Issue in Structures Inspector has been resolved and OSS elements can now be added to Ongoing Inspections.
- Fixed: Issue in Structures Inspector has been resolved and data is saved from Repair Requests after data is inserted or deleted.
- Fixed: Issue in Structures Inspector has been resolved and attachments addition and removal now functions correctly.
- Fixed: Issue in Structures Inspector has been resolved and drop-down selections now populate to text fields correctly.
- Fixed: Issue in Structures Inspector has been resolved and Kendo work order wizard now functions correctly.
- Fixed: Issue in Structures Inspector has been resolved and Print Inventory Report parameters can now be selected.
- Fixed: Issue in System has been resolved and invalid symbols no longer display.
- Fixed: Issue in System has been resolved and screening and projects now function correctly.
- Fixed: Issue in System has been resolved and sorting columns no longer refocuses screen.
- Fixed: Issue in Work Manager has been resolved and config file can now be changed without affecting the database.
- Fixed: Issue in Work Manager has been resolved and if there is only one TRC available, it is automatically selected and no error appears.
- Fixed: Issue in Work Manager has been resolved and Labor Day Cards button can now be added using the + Add Labor Day Cards button.
- Fixed: Issue in Work Manager has been resolved and log in now functions correctly.
- Fixed: Issue in Work Manager has been resolved and syncing no longer overwrites comment data on completed work orders. Error message now appears notifying users to undo or delete change.

Known Issues, Limitations, and Restrictions

- As of Chrome 71, browser pop-ups may be blocked which will negatively affect system operations. To address this in Chrome go to Settings > Advanced > Content Settings > Pop ups and redirects and then add the URL for the application.
- The new GIS Explorer 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. See the section on re-projecting geometries in the [Implementation Guide](#)
- 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 you 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/use the file
- When you define a map print template of size 34x44 or larger, an error is returned since the size of the generated map image always times before a PDF for printing is generated
- While working on the GIS Interface 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
- A map's layer style settings become null and un-editable, 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 a data window, items can be Access Regulated), but on the map all inventory items are displayed
- The loading and display of maps and associated styles in IE 11 is not as performant 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 browser's clipboard
 - IE 11 - 4000 rows
 - Edge - 4000 rows
 - Chrome - 400 rows
 - Firefox - 1000 rows
 - IE or Edge on a Surface Tablet - 15 rows
- When you select to copy rows from a data window, data from hidden columns on the window are also copied to the clipboard
- 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
- When zoomed in at the 0.6km/0.4m level before selecting to print a map, the basemap is not rendered on the resulting printed map
- Hebrew and other languages with special characters are not rendered properly on the properties panel of GIS Explorer
- GIS Explorer does not display the contents of the screen for a right to left language setting
- The owner of a GIS catalog folder 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
- For some monitor resolutions, opening the messages dialog while the GIS Explorer window is open results in the messages dialog to be partially hidden
- In FDC, when enter an incorrect password twice and then enter the correct password afterwards, a message indicating an incorrect reCAPTCHA answer is displayed
- When the same editable layer is added to GIS Explorer so there are more than one active, the features on the layer cannot be dragged for an edit
- The undo/redo of edits retains the actions performed even the associated layer has been removed
- When add a new editable layer to a map with in-progress edits, the undo and redo options are temporarily disabled. Performing an edit re-enables undo/redo and previous edits can be undone or redone
- When a user enters an incorrect username or password in the Work Manager mobile app, an incorrect message 'Unable to connect to server' is displayed
- In Microsoft Edge, some admin units in the Admin Units drop-down on the inspection team's creation dialog, appear as actionable links
- Setting some columns as fixed in a data window is not functional in IE 11

- Setting of columns as fixed in a data window is not supported in right to left language displays, such as for Hebrew or Arabic, i.e. only the left most columns can be fixed
- GIS Explorer does not display a basemap nor the basemap selection dialog, when using Microsoft Edge web browser. However, basemaps function as expected with IE 11, Chrome and Firefox web browsers
- The supplied CORS filter for Tomcat will not work on Tomcat version 8.5.2. The Tomcat documentation (<https://tomcat.apache.org/tomcat-8.5-doc/config/filter.html>) implies the below extra setting will address the issue:

```
<init-param>  
  <param-name>cors.support.credentials</param-name>  
  <param-value>>true</param-value>  
</init-param>
```

- There is an issue in ESRI ArcGIS Enterprise 10.6.1, that prevents the publishing of services for Oracle tables or views with a geometry column owner of MDSYS. When the ESRI issue is addressed, we will test and ensure that the functionality has been restored