

# 1.22

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Note that CAST highly recommends updating to the new release of AIP Console to take advantage of new features and bug fixes. See [Upgrade process](#) for more information about this.

## 1.22.0-funcrel

### New Features

Summary	Details
GUI - new "Enable auto update" option for Extension Strategy settings	A new option called "Enable auto update" has been added to the Extension Strategy settings under Global Configuration in the Admin Center. When activated, this option provides a global (i.e. for all Applications managed in AIP Console) method of ensuring that: 1) all Applications will always use the latest release for all Included extensions 2) that a manual update of an extension release is disabled. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center++Settings++Extensions+Strategy#AdministrationCenterSettingsExtensionsStrategy-enable_autoEnableautoupdate">https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center++Settings++Extensions+Strategy#AdministrationCenterSettingsExtensionsStrategy-enable_autoEnableautoupdate</a> .
GUI - new Version Strategy options	A new set of options has been implemented to allow you to configure a version retention policy for all applications managed by AIP Console: 1) to retain versions for a specific number of days. 2) to retain a min or max number of versions per Application. 3) optionally delete associated snapshots. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center++Settings++Version+Strategy">https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center++Settings++Version+Strategy</a> .
GUI - Reference Finder	Reference Finder has been implemented as a beta feature in this release - this is a new tool specific to AIP Console. The Reference Finder feature enables you to define one or multiple rules at Application level to search for links (i.e. a word, series of words or string (based on Regular Expressions)) between Source and Target code when an analysis is run. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Application++Config++Reference+Finder">https://doc.castsoftware.com/display/AIPCONSOLE/Application++Config++Reference+Finder</a> .

### Feature Improvements

Summary	Details
GUI - improved access to the Change Forecast tool	Access to the Change Forecast tool from the Included Extensions page has been improved. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Application++Extensions#ApplicationExtensions-changeforecastUsingtheChangeForecasttool">https://doc.castsoftware.com/display/AIPCONSOLE/Application++Extensions#ApplicationExtensions-changeforecastUsingtheChangeForecasttool</a> .
GUI - new release notification in About menu	The User > About menu will now display a notification if a new release of AIP Console is available. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console++User+interface">https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console++User+interface</a> .
Technical - ability to delete a Version that has been used as a basis for a new Version	Previously, it was not possible to delete a Version that had been used as the basis for a new Version (the "Same configuration as previous version" option was ticked when delivering a new version). This limitation has now been removed and it is now possible to delete all Versions regardless of their origin. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Application++Versions">https://doc.castsoftware.com/display/AIPCONSOLE/Application++Versions</a> .
Technical - Application backup behavior	The Application backup feature has been improved to include exclusions, source code paths and objective choices set during a source code delivery at version level. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center++Applications++Application+Details#AdministrationCenterApplicationsApplicationDetails-Backups">https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center++Applications++Application+Details#AdministrationCenterApplicationsApplicationDetails-Backups</a> .
GUI - Application Owners and Domains	Users/Groups that have been granted the Application Owner role at Global Level can now choose an existing domain or create a new one when they create a new Application. Previously the selection of a domain was not possible. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center++Security++User+Roles">https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center++Security++User+Roles</a> .

Technical - Assessment Model Strategy options	An additional option (Preserve Assessment Model and get new rules for information) has been made available at global level (i.e. all Applications) under Assessment Model Strategy. This option provides a "preview" mode which allows new rules to be enabled but with weights set to zero so that grades are not impacted. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+Assessment+Model+Strategy">https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+Assessment+Model+Strategy</a> .
GUI - Application Overview panel	The Application Overview panel has been redesigned to be more user friendly and provide appropriate information about the application. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Overview">https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Overview</a> for more information.
Architecture Studio - Check model report	When you run a model check in Architecture Studio, either from the list of models or the model editor, it is now possible to download the list of model violations in a Microsoft Excel file. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Model+editor#AIPConsoleArchitectureStudioModeeditor-Header">https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Model+editor#AIPConsoleArchitectureStudioModeeditor-Header</a> and <a href="https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Existing+Models#AIPConsoleArchitectureStudioExistingModels-checkCheckaModel">https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Existing+Models#AIPConsoleArchitectureStudioExistingModels-checkCheckaModel</a> .
Architecture Studio - Check model results	Results of the Check model action now show the source code that defines the link and a description of the model. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Existing+Models#AIPConsoleArchitectureStudioExistingModels-checkCheckaModel">https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Existing+Models#AIPConsoleArchitectureStudioExistingModels-checkCheckaModel</a> .
Architecture Studio - Improved dependency creation	The method of creating a dependency between Layers has been improved: the creation is done directly in the Model editor, rather than by using icons on the Model editor task bar. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Model+editor#AIPConsoleArchitectureStudioModeeditor-dependencyCreatingadependencybetweenLayers">https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Model+editor#AIPConsoleArchitectureStudioModeeditor-dependencyCreatingadependencybetweenLayers</a> .
Technical - .castextraction file handling	The way in which .castextraction files resulting from the CAST Database Extractor are handled by AIP Console has been improved in this release. Now, all .castextraction files resulting from the CAST Database Extractor are supported for delivery in AIP Console and AIP Console will convert them to the required .uaxdirectory format automatically. Previously, only .castextraction files resulting from an Oracle Server extraction were correctly handled by AIP Console. See also <a href="https://doc.castsoftware.com/display/TECHNOS/SQL+-+Prepare+and+deliver+the+source+code#SQLPrepareanddeliverthesourcecode-UsingCASTAIPConsole">https://doc.castsoftware.com/display/TECHNOS/SQL+-+Prepare+and+deliver+the+source+code#SQLPrepareanddeliverthesourcecode-UsingCASTAIPConsole</a> .
GUI - Version - Snapshot Indicators	When rolling the mouse over the Status column (where the star rating is displayed) a popup will be displayed showing the thresholds required for each star. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Overview#ApplicationOverview-indicatorsSnapshotIndicators">https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Overview#ApplicationOverview-indicatorsSnapshotIndicators</a>
Architecture Studio - Partial Check model	User can now check a part of the Model
Technical - Support for RPG	RPG technology can now be analyzed correctly with AIP Console. See <a href="https://doc.castsoftware.com/display/TECHNOS/RPG+3.0#RPG3.0-UsingAIPConsole">https://doc.castsoftware.com/display/TECHNOS/RPG+3.0#RPG3.0-UsingAIPConsole</a> .
Architecture Studio - check part of a model	It is now possible to run a model check on part of a model (i.e. specific Layers/Sets) rather than just on the entire model. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Existing+Models#AIPConsoleArchitectureStudioExistingModels-Runacheckonpartofthemodel">https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Existing+Models#AIPConsoleArchitectureStudioExistingModels-Runacheckonpartofthemodel</a> .

## Other Updates

Internal Id	Details
WEBI-9248	The AIP Console front-end installer will now suggest the credentials admin/admin, instead of cast/cast for the default local authentication user. This change does not impact upgrades to 1.22 - existing local authentication users will be retained.
WEBI-9407	Delivered Engineering Dashboard release: 1.24.0-funcrel. Delivered Health Dashboard release: 1.24.0-funcrel.
WEBI-9064	In previous releases, when the letters "pg" were located in the middle of an Application name, the corresponding schema names would use GUIDs. This behaviour has been changed and now the letters "pg" in the middle of an Application name will not cause the corresponding schema names to use GUIDs, unless the chosen name is already in use. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Add+a+new+Application">https://doc.castsoftware.com/display/AIPCONSOLE/Add+a+new+Application</a> for rules about Application and schema naming.
WEBI-8903	The option located in the aip-node-app.properties file that governs when the snapshot and version cleanup will take place has been renamed from "node.snapshot.cleanup.cron" to "node.maintenance.cron". This option has been renamed because it now manages the cleanup of both snapshots and versions, rather than just snapshots.
WEBI-9324	The Backup Strategy options available under Global Configurations have been changed. Out of the box, no default settings are defined. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+Backup+Strategy">https://doc.castsoftware.com/display/AIPCONSOLE/Administration+Center+-+Settings+-+Backup+Strategy</a> .
WEBI-9262	The Logs panel that was previously located in the Application - Overview section has been moved into its own distinct tab on the left of the Application Management section. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Logs">https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Logs</a> .
WEBI-9320	The Value field for Snapshot Indicators has been modified to show N/A in two situations: 1) when an indicator measures the variation between two snapshots, the value will be N/A on the first snapshot. 2) for the Large SCC count indicator the value can be N/A when no option is set in the Analysis schema to count the large SCC, so the indicator can not be calculated. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Overview#ApplicationOverview-indicatorsSnapshotIndicators">https://doc.castsoftware.com/display/AIPCONSOLE/Application+-+Overview#ApplicationOverview-indicatorsSnapshotIndicators</a> .

WEBI-9610	Minor updates to the Architecture Studio editor window 1) Header items re-arranged, 2) zoom icons updated, 3) Minor sizing changes to drop down lists. See <a href="https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Model+editor">https://doc.castsoftware.com/display/AIPCONSOLE/AIP+Console+-+Architecture+Studio+-+Model+editor</a> .
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## Resolved Issues

Customer Ticket Id	Details
27977	When a global Delivery Strategy is configured to reject the delivery of a Version, the rejected Version will now be deleted correctly. In previous releases, rejected Versions were left in the Delivery folder.
24256	Selecting the same version of the extension does not ask to run the analysis again.
27472	Better performance to compute snapshot indicators.
24704	The restore option on AIP console is restoring properly the packages Backup of application in console has been changed to include the missing information : exclude patterns, source path, objectives. So a new backup should be done for the restore to restore all those information properly.
26544	After Import, Application is still retaining the preferences from CAST-MS but not from CastGlobalsettings.Ini file of the Node.
22453	The server ports are checked for use, during installation.
27430	Technologies are auto discovered.
25304	Support for RPG analysis is now available.
23646	.castextraction files for T-SQL are now handled correctly.