

**Connectelligence**

**Version = 2017.22.713**

**Release Notes**

.....  
**07/14/2022**

**Designer**

BUG: Fixed minor issues with visual elements.

FEATURE: Added 'Delete Map' button to Deployments tab.

FEATURE: Improvements to text filtering responsiveness on the deployments tab.

FEATURE: When searching files on the Reports tab, files with matching search results are now opened with the cursor positioned on the first hit of the search.

**Service Maps**

FEATURE: Added support for dynamically read configurations settings under the MySystems.<<SystemName>> area used by service maps.

**Connectelligence**

**Version = 2017.22.614**

**Release Notes**

.....  
**06/14/2022**

**All**

BUG: Fixed problematic visual elements including the background on the database connection chooser and some dynamically-generated labels in the Transaction Manager.

BUG: Some Big Brother settings were not being created on service deployment – Fixed.

**Connectelligence**

**Version = 2017.22.425**

**Release Notes**

.....  
**04/25/2022**

**All**

BUG: Fixed problematic visual elements including some grids and combo boxes.

**Connectelligence**

**Version = 2017.22.408**

**Release Notes**

.....  
**04/01/2022**

**All**

CHANGE: Many additional forms and elements are now in MetroDark style

**Transaction Manager**

BUG: Would crash at startup in environments without OneNote installed – Fixed.

**Connectelligence**

**Version = 2017.22.9**

**Release Notes**

.....  
**04/01/2022**

**All**

CHANGE: Updated framework to v4.8.

**Designer**

CHANGE: The error message “The '{InstanceName}' is currently running as an application on this machine. Cannot start two instances of the same service.” has been changed to a warning. It still blocks execution, but the Error Reporting services no longer reports this as an error.

**All**

CHANGE: Continued changing of most visual items to dark mode.

**Connectelligence**

**Version = 2017.22.5**

**Release Notes**



**02/15/2022**

**Designer**

FEATURE: Deployments screen is now MetroDark style.

BUGE: Deployments views functionality was broken – Fixed.

**Installer**

BUG: Initial install could hard-crash with the error “\*\*\* BEGIN ERROR” repeated over and over again in the log file (and no other error details) – Fixed.

Several minor bug fixes

**Connectelligence**

**Version = 2017.22.4**

**Release Notes**



**02/14/2022**

All – Removed support for multiple languages and the MLTLanguage object. Functionality is deprecated and having the objects still used in places was causing errors.

All – Removed support for user-defined data types in Sql Server for the InstanceType field and watcher type field. Sql Server is deprecating UDT functionality.

**Connectelligence**

**Version = 2017.22.3**

**Release Notes**



**02/01/2022**

**Designer**

BUG: Opening Tools->Options->Landscape Manager would cause background errors and corrupt the landscape connection strings – Fixed.

BUG: File and Table libraries could cause deployment failures with the error “Class is not marked as serializable” – Fixed.

FEATURE: Added new configuration data type option: “Password”. Masks text for purposes of hiding passwords.

FEATURE: Made changes to the email configuration form to allow passwords to be entered and copied without being visible (such as during screen sharing).

FEATURE: Continue incremental switch to dark theme by introducing more dark mode elements to several screens.

**Base Libraries**

Database fields in a source library that were not parse-able into a .NET base type could cause deployment failures. – Fixed.

**Built-In Services**

BUG: Built-in services would fail with object reference error – Fixed.

BUG: Big Brother service drive space checks would fail for CD ROM drives – Fixed (they are now ignored by the drive space remaining check)

### **Connectelligence**

**Version = 2017.13.80**

#### **Release Notes**

##### **Designer**

BUG: Performing a single map promotion did not recreate the transaction definition – Fixed.

BUG: Promoting a single map that utilized a built-in function as a source or target caused the BuiltInFunctions.dll file to be copied as part of the promotion (not desired) – Fixed.

BUG: Deploying against a database using SQL security that had a character “]” or “{” in the password would cause the deploy to fail due to a logging error thrown by String.Format() – Fixed.

BUG: The TrapErrors parameter on SqlServer calls was not being properly evaluated and honored – Fixed.

CHANGE: The current view name is now shown in the deployment screen.

### **Connectelligence**

**Version = 2017.13.79**

#### **Release Notes**

##### **Designer**

BUG: Deleting a map could throw an error stating that the transaction table does not exist (innocuous) – Fixed.

FEATURE: Added support for filtering file and table libraries in the master data definitions.

### **Connectelligence**

**Version = 2017.13.78**

#### **Release Notes**

##### **Common**

BUG: Not all retrievable errors for web connectivity exceptions were not being properly identified - Fixed.

### **Connectelligence**

**Version = 2017.13.75**

#### **Release Notes**

##### **Transaction Manager**

BUG: Monitoring service transactions in real-time could be severely slowed on some systems with SkipWpfDoEvents = True (workaround is to set SkipWpfDoEvents = False). - Fixed

**CHANGE:** `SkipWpfDoEvents` now has a default value of True rather than False. Newer systems behave better with this setting turned off.

### **Big Brother/Error Reporter**

BUG: The Big Brother and Error Reporting services were reverted to an earlier build due to a DevOps bug. The current version is now restored.

### **Connectelligence**

**Version = 2017.13.74**

#### **Release Notes**

##### **Common**

FEATURE: MSMQ messaging could sometimes fail with “Access to Message Queuing system is denied”. This was sporadic. This error is now automatically retried prior to erroring.

##### **Designer**



## **Connectelligence**

**Version = 2017.13.63**

### **Release Notes**

---

#### **Common**

BUG: Compiling the main library could fail if a field of type uniqueidentifier (Guid) was mapped. This is due to changes in how .NET handles Guids – Fixed.

BUG: The entity framework could fail to compile if any fields of type CHAR were encountered – Fixed.

## **Connectelligence**

**Version = 2017.13.61**

### **Release Notes**

---

#### **Error Reporting Service**

FEATURE: Messages now contain the error id and the time the error was generated.

#### **CommonBase**

BUG: Dynamic Sql commands would fail if issued with the sql command set separately – Fixed.

#### **All**

CHANGE: Removed remaining references to VisualBasic.TriState for better compatability with C# projects.

## **Connectelligence**

**Version = 2017.13.60**

### **Release Notes**

---

#### **Designer**

CHANGE: Services are now deployed with BigBortherTempDisable = True. This prevents Big Brother from starting newly deployed maps automatically.

#### **Map - JableJoinWatcher**

FEATURE: if the key fields used to define unique records had any case differences with the actual database fields then errors would generate, and records would be reprocessed – indefinitely. Now if this situation occurs now a warning is logged and the record processes normally.

#### **Big Brother Service**

BUG: Big Brother was not automatically resetting the 'Big Brother Temp Disable' flag for running services – Fixed.

#### **Common Library**

FEATURE: Added DumpObject() function to dump all properties of an object (Similar to '?' in the Visual Studio immediate window)

CHANGE: VisualBasic TriState has been replaced with an internal TriStates enumeration to avoid problems when creating maps in c#.

## **Connectelligence**

**Version = 2017.13.58**

### **Release Notes**

---

#### **Designer**

BUG: Promotion of a single data map would fail under some circumstances – Fixed.

FEATURE: Dramatically improved speed of importing packages (adapters, backups and promotions) for large project directories.

FEATURE: Importing packages now saves a copy of the existing Projects folder under Projects Archives.

FEATURE: New option to show/hide code projects on the master data definitions grid.

## Transaction Manager

FEATURE: Recurring integration now has option to only process records later than right now.

FEATURE: Minor improvements to initial load time. (Background tasks)

## Connectelligence

Version = 2017.13.56

### Release Notes

.....

#### Designer

BUG: Default adapter did not have the field

Connectelligence2017.Connectelligence.AdapterLandscapes.IsProductionSystem. As a result, errors pertaining to 'IsProductionSystem' could be raised – Fixed.

BUG: Importing Connectelligence Services project could fail with a 'Unable to copy directory' – this was due to an invalid filename – Fixed.

BUG: Configuration settings were being overwritten for all adapter imports. The configuration should NOT be overwritten for promotions - Fixed.

BUG: Importing a new adapter for the first time could generate object reference error(s) (innocuous) – Fixed.

CHANGE: Downloading updates from File menu now uses HTTP rather than FTP technology.

#### Installer

BUG: Installer would prompt user to re-deploy the built-in libraries even if they had not changed. User is now prompted to redeploy only if there is new code or configuration hat has changed – Fixed.

## Connectelligence

Version = 2017.13.54

### Release Notes

.....

#### Error Reporting Service

CHANGE/FEATURE: Errors more than one week old are now skipped for reporting (emailing) by default in order to prevent the service from being started for the first time in months and reporting thousands of errors.

#### Designer

BUG: When changing an existing data map to have a new source or target endpoint, errors could generate pertaining to the previous endpoint – Fixed.

## Connectelligence

Version = 2017.13.53

### Release Notes

.....

#### Transaction Manager

BUG: Marking a transaction for reprocessing resulted in a program crash caused by infinite recursion – Fixed.

## Connectelligence

Version = 2017.13.52

### Release Notes

.....

#### Designer

BUG: Importing packages could sometimes generate post-import errors (innocuous) – Fixed.

BUG: Mass re-deploy could fail with "Unknown Instance Type" – Fixed.

BUG: The InstanceType was not being saved with report options/map settings – Fixed.

BUG: When editing a function library in the master data editor, choosing a code or project path did not always filter to the proper language being used (C# or vb) – Fixed.  
BUG: Renaming a map (with Best Practices turned on) produced a bogus Best Practice violation warning – Fixed.  
BUG: Deleting a map was not deleting the map’s transaction table, which caused errors during promotion or backup-restore – Fixed.  
BUG: Typing extremely fast into the search filter on the deployments screen would cause errors and sometimes a hard crash – Fixed.  
FEATURE: Right-click context menu on the configuration grid now allows you to edit connection strings.

### **Installer**

BUG: Installer was not uninstalling applications because the uninstaller requires elevated permissions. The uninstall process is now launched with elevated permissions – Fixed.

### **Connectelligence**

**Version = 2017.13.51**

#### **Release Notes**



#### **Designer**

BUG Deployments grid was not showing vertical scroll bars when there were records that extended beyond the screen – Fixed.

### **Big Brother**

CHANGE: Big Brother configuration form now warns if the Big Brother map is not deployed, but still allows the configuration form to remain open.

CHANGE: Default settings changes:

Memory max default changed from 200MB to 400MB.

Log file records default max age changed from 90 days to 45 days.

Log file history records default max age changed from 120 days to 90 days.

### **Common**

BUG: When Un-deploying and deploying maps, messages were logged regarding a corrupted map – Fixed.

### **Connectelligence**

**Version = 2017.13.50**

#### **Release Notes**



#### **Designer**

BUG: The ‘Default View’ for deployments was not being properly created on new environments – Fixed.

BUG: Deploying services would not work properly on environments where the MyDocuments folder was mapped to a network drive or to Microsoft OneDrive – Fixed,

FEATURE: Deployment packages that fail to compile now offer a “Retry” option to allow the problem to be manually corrected and retried.

BUG/FEATURE: Visual Studio 2019 broke current functionality by making a change to the default build location (adding framework or core version to the path). This is now corrected by automatic injection of AppendTargetFrameworkToOutputPath = “False” into the project file once it is created.

FEATURE: Improved speed of un-deploying services.

### **Installer**

BUG: Default adapter was not including the Connectelligence Services project – Fixed.

BUG: Default adapter was not rebranding properly for non-Connectelligence brands – Fixed.

FEATURE: Installer now traps for situations where it is unable to create the deployment directory due to windows access rights. The user is prompted to manually create the required directory.

FEATURE: Built-in services (Big Brother, Error Reporter, and Scheduler) are now copied after the main installation (user is prompted to overwrite if this is an update rather than a fresh install).

**Connectelligence**

**Version = 2017.13.49**

**Release Notes**

.....  
**Designer**

BUG: drop down combo boxes were not appearing for enumeration values in grids – Fixed.

**Connectelligence**

**Version = 2017.13.48**

**Release Notes**

.....  
**Designer**

BUG: Display issues when navigating to data maps tab or opening the data map chooser from the data maps tab – Fixed.

**Big Brother**

FEATURE: Big Brother service now monitors for database space where the remaining space in the database file is less than the auto-grow setting (indicating that an overrun of db space is imminent).

**Connectelligence**

**Version = 2017.13.45**

**Release Notes**

.....  
**Designer**

BUG: Data maps would fail to automatically map records (bug introduced in .43) – Fixed.

**Connectelligence**

**Version = 2017.13.44**

**Release Notes**

.....  
**Base**

FEATURE: Added General Network error and Transport-level error to the list of automatically retrievable sql command execution errors.

**Connectelligence**

**Version = 2017.13.43**

**Release Notes**

.....  
**Designer**

FEATURE: Added Quick-search to the top of the data map chooser.

FEATURE/CHANGE: Design/Layout changes to data map chooser.

FEATURE/CHANGE: Choosing to rebuild in the master data editor now automatically chooses the current record (if on tab 3) or automatically chooses the entire library (if on any other tab).

**Connectelligence**

**Version = 2017.13.42**

**Release Notes**

.....  
**Designer**

BUG: Rebuilding a library that added/removed data map records did not reflect the changes on the data map tab – Fixed.

BUG: Creating a new data map was broken (bug from previous version) – Fixed.



CHANGE/FEATURE: Master data editor now rebuilds just the current library if one is selected and user is on the third tab. If user is on any other tab then all libraries are rebuilt.

#### **Connectelligence**

**Version = 2017.13.41**

#### **Release Notes**



#### **Designer**

CHANGE/FEATURE: Dramatic redesign of deployment screens. All deployment screens are now WPF and include options for filtering by rows and columns for every conceivable combination.

CHANGE/FEATURE: Data map grid is now WPF (previously Winforms)

#### **Connectelligence**

**Version = 2017.13.37**

#### **Release Notes**



#### **Base**

CHANGE/FEATURE: RetriableErrorClass now has separate methods for RetryByDelegate, RetryByOverride, RetryByEvent, and Retry<T>(IQueryable<T> Args).

BUG/FEATURE: Numerous small improvements and minor bug fixes to RetriableErrorClass.

#### **Connectelligence**

**Version = 2017.13.35**

#### **Release Notes**



#### **Designer**

BUG: When changing the password in the Designer, the new password was not applied to existing deployments until the second re-deployment attempt. The logic now tests the old password and uses it if it is valid and discards it for the new password if it is not valid.

BUG: Built-in services would sometimes fail to compile when redeployed (but would compile fine in Visual Studio) due to an invalid StartupObject passed to DevEnv.exe – Fixed.

#### **Transaction Manager**

FEATURE: Configuration table editor now support mass changes to any value. Updates are made to all deployed services.

#### **Connectelligence**

**Version = 2017.13.33**

#### **Release Notes**



#### **Designer**

FEATURE: When deploying a map, if the Visual Studio templates are missing they are now automatically copied at the time of deployment (for the language of the project deployed).

FEATURE: When choosing to script and entire database in the entity framework, you are now prompted to include Tables, Views, Synonyms.

FEATURE: Data grid choices now support captions.

#### **Connectelligence**

**Version = 2017.13.32**

#### **Release Notes**



#### **Designer**

FEATURE: Transaction tables (From the Transactions schema) are now included with all package export/imports.

FEATURE: Entity framework now supports a new option: "Script entire database". If read-only then all files are created automatically. If read/write then user is prompted for keys on each table.

### **Connectelligence**

**Version = 2017.13.31**

#### **Release Notes**

##### **Designer**

BUG: The configuration grid could get "jumpy" and appear to move around under certain conditions – Fixed.

BUG: Importing an adapter was broken– Fixed.

FEATURE/CHANGE: Exporting an adapter/backup/promotion now skips zip files in the projects directory.

### **Connectelligence**

**Version = 2017.13.30**

#### **Release Notes**

##### **Designer**

BUG: Re-Deploying a service map, if the map was running during deployment it was not always restarted automatically after re-deployment – Fixed.

BUG: Re-Deploying a service map could cause problems due to multiple compilations of the deployed project (one for deployment, and one after) – Fixed.

FEATURE: Speed improvement when Re-Deploying a service map due to omission of redundant file copies.

CHANGE: User is no longer prompted if the main library is current and a recompile is attempted. This prompt proved to be more disruptive than just performing the recompile.

CHANGE: Rebranding of imported adapters is now limited to just the default adapter (by default. The default can be overridden in the UI)

### **Transaction Manager**

BUG: When a service failed to start due to a logon failure, the error message was not being logged – Fixed.

### **Base**

FEATURE: Recurring Integration class now has three different methods supported for automated error-retry looping: By event, by delegate, and by override method.

### **Connectelligence**

**Version = 2017.13.24**

#### **Release Notes**

##### **Services**

BUG: Fixed typo for Missing Link Technology that appeared in service registrations.

### **Base**

FEATURE: Recurring Integration class now have a retry mechanism using the web service retry sequence

### **Connectelligence**

**Version = 2017.13.23**

#### **Release Notes**

##### **Designer**

CHANGE: Email form was not hiding the password – Fixed.

CHANGE: Master data editor no longer prompts for library to rebuild if there are changes in the current library.

## Connectelligence

Version = 2017.13.21

### Release Notes

---

#### All

FEATURE: Recurring integration base class has new members to more easily support resetting the last query time: LastQueryAttemptTime, SetLastQuery from just one line of code in the user library.

#### Transaction Manager

FEATURE: Transactions Bar – Reprocess Previous button now supports Recurring integrations.

FEATURE: Recurring Integration now has sub menus for Reprocess Previous, Reprocess Previous (Quick), Reprocess up to this row, F5 to refresh the grid, and more.

## Connectelligence

Version = 2017.13.19

### Release Notes

---

#### All

FEATURE: Changes to accommodate AzureDB connections (increased timeouts, changes to exclude database commands not legal with Azure DB).

#### Services

FEATURE/CHANGE: Services are now prevented from starting if a debug instance of the service is running. This avoids the possibility of two copies of the same service running concurrently (and duplicating transactions).

#### Transaction Manager

FEATURE: Mass Action service start command now starts services asynchronously, making for dramatically faster start times for service groups.

## Connectelligence

Version = 2017.13.18

### Release Notes

---

#### Transaction Manager

BUG: Service rollback could fail if current files were already deployed – Fixed.

FEATURE: Added new config file setting for: **WarnWhenOverwritingDeployedServiceFiles**. By default, this value is False. When false it prevents the Transaction Manager from prompting each time a deployed service file has been debugged prior to overwriting the deployed files.

FEATURE: The ServiceActionTransaction table now includes an application name and is now automatically populated with service: Start, Stop, Overwrite, Deploy, Undeploy, backup, and rollback.

#### Templates

BUG: SNicLINK template had an improper casing causing deployed services to fail to compile – Fixed.

## Connectelligence

Version = 2017.13.17

### Release Notes

---

#### Designer

BUG: Added accommodation for importing packages that are missing some column definitions (supports importing of older adapters).

BUG: Deployed service roll-back support was being bypassed if the service executable files were manually compiled – Fixed.



**Connectelligence**  
**Version = 2017.13.10**  
**Release Notes**

.....  
**Designer**

FEATURE: Fewer errors if working with a blank system. Loading at least some data is still recommended but working with a blank system is now usable and with fewer error messages.  
FEATURE: Changes to support using a SAAS Sql database.  
CHANGE: Changes to the default adapter.

**Connectelligence**  
**Version = 2017.13.8**  
**Release Notes**

.....  
**Common**

Default code language changed to c#.  
Default .NET version changed to 4.7.2  
FEATURE: Completed Installer support for Visual Studio 2019.

**Connectelligence**  
**Version = 2017.13.5**  
**Release Notes**

.....  
**Common**

FEATURE: Updated Sql Server Management Objects (SMO) to v150.18131.0.

**Connectelligence**  
**Version = 2017.13.4**  
**Release Notes**

.....  
**Transaction Manager**

FEATURE: Service Start/Stop actions are now logged to a table, including the username, and are available from Reports-All->Service Actions menu..

**Connectelligence**  
**Version = 2017.13.3**  
**Release Notes**

.....  
**Transaction Manager**

FEATURE: Added support for Recurring Transaction Details and choosing an item to reprocess from a list of already processed items.

**Connectelligence**  
**Version = 2017.13.1**  
**Release Notes**

.....  
**General**

BUG: DefaultAdapter had a minor bug in the Connectelligence Services project that caused it to fail to compile – Fixed.  
BUG: Fixed a bug that caused main library compilation to fail if there were custom database types defined in table libraries.  
FEATURE: File/Directory copy errors containing details packaged in the Exception.Data property previously had the details hidden. Now data details are packaged as part of the message body.  
FEATURE: Message box Show() called from a service now logs the error rather than a worthless message stating that MTA threads cannot call message boxes (when called from an MTA thread).

**Designer**

BUG: Importing an adapter now immediately performs a database conversion/upgrade rather than waiting until the next restart.

BUG: Entity framework was not allowing the selection of the identity column as a table key field – Fixed.

BUG/FEATURE: When a running service is redeployed, it sometimes fails to restart on the first attempt and a manual second attempt is required. This second attempt is now automated after any service fails to enter the StartPending state within 1.5 seconds.

FEATURE: Complete overhaul of the backup-restore and all package handling. Code base decreased by 80% at speed of package export and import increased by an order of magnitude.

FEATURE: Exporting/backing-up now exports all project references (dll files) for each project library. This feature plugs a huge hole in functionality that was blocking the seamless portability of adapters between different systems.

FEATURE: Landscapes are now included in Export/Import operations.

**Transaction Manager**

BUG: If a service failed to enter a StartPending state within 1.5 seconds after the start request, the remediating code to restart the service was not being invoked. – Fixed.

FEATURE: Recurring Integration form now supports reprocess items. Allowing users to specify a reprocess item (BOM, product, route, etc.) to be reprocessed by a recurring integration.

**Big Brother**

FEATURE/CHANGE: Big Brother service now ignores the Agent service if there are no defined service schedules.

**Connectelligence**

**Version = 2017.12.128**

**Release Notes**

.....  
**Designer**

BUG: Exporting/Backing up was not backing up some projects if LOCK files were found (If Visual Studio was open and locking the project) - Fixed.

BUG: Exporting/Backing up was not backing up some projects containing subfolders - Fixed.

BUG: When creating a new database, some innocuous errors would be logged - Fixed.

FEATURE: Dramatic speed improvement to Import screen when loading many packages.

FEATURE: Added option to load default adapter with verbose logging.

**Connectelligence**

**Version = 2017.12.125**

**Release Notes**

.....  
**General**

BUG: Updates for branding issues affecting web service methods not related to core functionality.

**Designer**

BUG: If the application configuration file was corrupt or misconfigured then backup and adapter packages would not load – Fixed.

CHANGE: Recompile All feature now recompiles table and file libraries before compiling the main library. This is to ensure that the table and file library files exists prior to compiling the main library.

**Transaction Manager**

FEATURE: Timers now have a **Trigger Now** button available above the monitoring grid.

FEATURE: If a service fails to progress to status=StartPending after 1.5 seconds, another service start is attempted automatically.

## **Connectelligence**

**Version = 2017.12.121**

### **Release Notes**

#### **Designer**

BUG: A corrupted config file could make performing many actions error-prone – Fixed.

BUG: Support Case upload would fail to contact FTP site for upload and fail to send support email – Fixed.

CHANGE: Global – use of the Windows connection string builder has been deprecated in favor of the custom connection builder due to unstablens in the windows connection string builder.

#### **Default Adapter**

BUG: The default adapter, used on some initial installations, referenced 2016 information – Fixed.

CHANGE: The default adapter now includes Connectelligence Services (for Big Brother, Error Reporting, and Agent services).

FEATURE: Importing the default adapter or ANY adapter now rebrands the files to match the current brand when importing.

## **Connectelligence**

**Version = 2017.12.112**

### **Release Notes**

#### **Services**

FEATURE: Improved startup time for startup section accessing/copying configuration settings from files. Saves approximately 1-2 seconds from service startup time.

FEATURE: Big Brother service has significantly faster initial load time due to configuration file speed improvement.

## **Connectelligence**

**Version = 2017.12.111**

### **Release Notes**

#### **Transaction Manager**

FEATURE: When a service is started or stopped through the TM, the TM now logs a message to the log file of the service.

## **Connectelligence**

**Version = 2017.12.110**

### **Release Notes**

#### **All**

CHANGE: When logging connection strings (to a file or a record) the password is now hidden.

#### **Designer**

BUG: Some website links were broken – Fixed.

BUG: When deploying a service and adding dependencies, a message could come back saying that a restart of the dependency service is required even if it is not – Fixed.

## **Connectelligence**

**Version = 2017.12.109**

### **Release Notes**

#### **Transaction Manager**

FEAUTRE: Added support for including the service status as a search term. Allows creation of views for all running services or all stopped services.

FEATURE: Two new built-in views are now created automatically. Running Services, Stopped Services.

**Recurring Integrations**

FEATURE: Recurring integration form has many UI changes and a new Refresh button.

FEATURE: Recurring integration class now deletes Records=0 records each time a new record is entered with a non-zero Records value.

**Bib Brother**

FEATURE: The Big Brother service now has support for being restarted when no database connection is available. If this happens, it will go into a waiting state and resume when the database becomes available. (New template required for existing installations).

**Connectelligence**

**Version = 2017.12.108**

**Release Notes**



**Common**

FEAUTRE: Added support for Netsuite time formatting in RecurringIntegration class.

CHANGE: ArchiveFile class now does not compress files by default. Change was made because searching hundreds or thousands of compressed files is difficult so by default the searching is now easier.

**Designer**

FEATURE: Optimizations to master data editor to minimize main library recompilations.

**Connectelligence**

**Version = 2017.12.107**

**Release Notes**



**Designer**

BUG: After adding or deleting fields from a view the main library was not being automatically recompiled to reflect the changes – Fixed.

**Connectelligence**

**Version = 2017.12.106**

**Release Notes**



**Designer**

BUG: Help website features were not navigating to the proper web pages – Fixed.

FEATURE: Added Dependencies functionality to Deployment/ApplyMap deployment screen.

**Connectelligence**

**Version = 2017.12.100**

**Release Notes**



**Designer**

FEATURE: When hovering over a connection record in the configurations grid, the resolved configuration is now displayed in the grid header.

FEATURE: Numerous small improvements to the Recurring Integrations form.

**Connectelligence**

**Version = 2017.12.99**

**Release Notes**



**Common**

FEATURE: Web service timeout failover sequence added.



**Designer, Transaction Manager**

FEATURE: Enhanced Support for Recurring integration added. (Timed web service queries) in Tools->Service Support->Recurring Integration.

**Connectelligence**

Version = 2017.12.98

**Release Notes**

.....  
**Licensing**

BUG: Remote license updates would fail because of changes to missinglinktechnologoy.com. Licensing requests are now directed to mlceai.com – Fixed.

**Designer, Transaction Manager**

FEATURE: Support for Recurring integration added. (Timed web service queries) in Tools->Service Support->Recurring Integration.

**Common**

FEATURE: Support for Recurring integration added. (Timed web service queries)

**Connectelligence**

Version = 2017.12.97

**Release Notes**

.....  
**Internal Releases**

**Connectelligence**

Version = 2017.12.95

**Release Notes**

.....  
**Big Brother Service**

FEATURE: Automatically increase command timeouts to handle long-running database maintenance tasks.  
CHANGE: Database maintenance tasks are now run only once daily instead of every Big Brother run.

**Services**

BUG: License deserialization could fail due to an incorrect xml format – Fixed.

**Connectelligence**

Version = 2017.12.94

**Release Notes**

.....  
**All**

FEATURE: Added support for .NET 4.7, 4.7.2, 4.7.2  
FEATURE: Added support for Visual Studio 2019  
CHANGE: All instance arrays are now case-insensitive, eliminating some problems on branded systems where the brand name case appears differently in different places (Such as the Big Brother Service).

**Designer**

CHANGE: Removed beta warning from Entity Framework.

**Big Brother Service**

CHANGE: Table record purging is now limited to once per day to avoid strain on the database.  
CHANGE: Default settings for record and file purging now suppress email notification.

**Connectelligence**

Version = 2017.12.93

**Release Notes**

.....  
**Built-in services**

CHANGE: Updated to .NET v4.6.1

**Designer**

CHANGE: Changes to licensing web access.

**Connectelligence**

**Version = 2017.12.92**

**Release Notes**

.....  
**Transaction Manager**

BUG: Using shift-click to forcibly stop a service was not working – Fixed.

BUG: Could get object reference error on startup due to old unprocessed MSMQ messages – Fixed.

**Designer**

BUG: Creating a new C# function would fail to compile due to Catch statement casing – Fixed.

**Error Reporting Service**

FEATURE: Service now groups errors into a single email per run.

**Agent Service**

BUG: Agent service would not respond to stop command – Fixed.

**Connectelligence**

**Version = 2017.12.91**

**Release Notes**

.....  
**Apps**

BUG: Creating an up-time schedule would not save the record due to a NOT NULL field restriction – Fixed.

FEATURE: Down-time schedules now restart services after the end of the scheduled down time.

**Common**

CHANGE: Integration errors now skip automatic logging by default (unless a true parameter is passed to the constructor) to avoid problems on some systems where no logging takes place and Logged = True.

**Connectelligence**

**Version = 2017.12.90**

**Release Notes**

.....  
**RunSubset**

BUG: If criteria resulted in no records being selected and object reference error was thrown – Fixed.

**Connectelligence**

**Version = 2017.12.89**

**Release Notes**

.....  
**Transaction Manager**

BUG: Deploying a map in the Designer did not cause the newly deployed map to appear in the Transaction Manager without a manual refresh – Fixed.

**Connectelligence**

**Version = 2017.12.88**

**Release Notes**

.....



## Release Notes

### Core

CHANGE: Removed oData objects from install to avoid conflicts with user objects.

FEATURE: New option to log Event Triggers. Option stored in service master data.

### Connectelligence

Version = 2017.12.82

### Release Notes

#### Installer

CHANGE: .NET version update dialog suppressed if no updates were made.

### Base Services

CHANGE: CMap changes are no longer logged after the first change (for running services)

### Connectelligence

Version = 2017.12.81

### Release Notes

#### Transaction Manager

FEATURE: Visual Studio access (debugging) is now limited to only users in the developer security group (same rights as the Designer).

### Connectelligence

Version = 2017.12.80

### Release Notes

#### Designer

BUG: Best practice violation could occur when renaming maps – Fixed.

FEATURE: Visual Studio can lock files and cause file copy/overwrite operations to fail. A warning is now displayed if Visual Studio is running during a backup attempt.

CHANGE: Map names are now enforced to be legal names (No spaces or other characters not suitable for use in .NET functions).

CHANGE: DataType field in systems and system maps is now displayed always, instead of only when “Show Advanced” is checked.

### Common Libraries

CHANGE: Logging of “Using Cmap file ...” and “Using options from ...” is now limited to just the initial time the map processes data in order to minimize log messages.

CHANGE: Removed oData references in order to avoid potential conflicts with oData versions in maps (user code).

### Connectelligence

Version = 2017.12.79

### Release Notes

#### Designer

FEATURE: Added support for .NET v4.7.1, 4.7.2

FEATURE: NET versions in projects and deployed maps (Source Files) are now updated on install to the minimum .NET version.

CHANGE: Minimum .NET version support is now 4.6.1

CHANGE: Minimum Visual Studio version support is now v2015.

### Connectelligence



**Entity Framework (Still in beta)**

BUG: Minor bug fixes.

**Connectelligence**

Version = 2017.12.72

**Release Notes****Entity Framework (Still in beta)**

BUG: Key field types of type Guid caused compilation errors – Fixed.

**Designer**

BUG: The Big Brother management form could crash on load (sporadic) – Fixed.

**Connectelligence**

Version = 2017.12.71

**Release Notes****Entity Framework (Still in beta)**

BUG: Bug Fixes.

FEATURE: Added support for creating a class based on the current view in the mater data editor.

FEATURE: Read-only classes now have the same properties and methods and read-write except those that actually update/delete/insert data.

**Connectelligence**

Version = 2017.12.70

**Release Notes**

**(INTERIM BUILD – Internal use only)**

**Entity Framework (Still in beta)**

FEATURE: Added support Select (single record based on field populated values) from generated class.

CHANGE: Refactoring of generated classes to make all tables compile to a single class with SELECT accessors as a part of that class.

**Designer**

BUG: Maps created under a previous version that were deployed on a later version that had new cmap settings would cause errors during deployment and Big Brother monitoring. All cmap development files are now upgraded automatically with each version upgrade.

**Connectelligence**

Version = 2017.12.69

**Release Notes****Entity Framework (Still in beta)**

BUG: Minor bug fixes.

FEATURE: Added support for multi-keyed tables.

FEATURE: Added support for multiple table definitions (in clipboard) used to make multiple class definitions in a single operation.

**Connectelligence**

Version = 2017.12.68

**Release Notes****Entity Framework (Still in beta)**

BUG: Minor bug fixes.

FEATURE: Implementation class now supports predicate (of T) – VB and <T> - C#. This allows for more generic calling of any EF class from a single source.

FEATURE: Implementation class now includes methods to get a single record or many records and convert the results into class object(s).

FEATURE: Implementation class now supports an inherited database connection (from the current system) and shared/static calls to get records, meaning records can now be access with just one line of user code.

FEATURE: Added interfaces to support generic calls (Of T), <T>. and calls of type object (VB) or dynamic (C#).

FEATURE: Added interface mimicking all fields in the table.

### **Connectelligence**

**Version = 2017.12.67**

#### **Release Notes**

##### **Entity Framework (Still in beta)**

BUG: Minor bug fixes.

FEATURE: New static class allows for InsertOrUpdate() with no constructors.

FEATURE: Support added for parsing a multiple CREATE TABLE commands from the clipboard. This can save hours in situations where many tables (or even the entire database) needs entity framework support.

### **Connectelligence**

**Version = 2017.12.66**

#### **Release Notes**

##### **Designer**

BUG: Renaming a system map would not rename the master record, causing minor data corruption – Fixed.

FEATURE: Added new object MyDatabases to main compile. All databases defined in the Current System Configurations are now available here (as well as the usual spot in MySystems).

##### **Entity Framework (Still in beta)**

BUG: Minor bug fixes to entity framework.

### **Connectelligence**

**Version = 2017.12.65**

#### **Release Notes**

##### **Designer**

BUG: Various bug fixes to entity framework.

BUG: Various bug fixes to C# code injection.

FEATURE: Entity framework now automatically sets the database connection when constructed according to the current landscape.

### **Connectelligence**

**Version = 2017.12.64**

#### **Release Notes**

##### **Designer**

BUG: When creating a new database, the MAINTAIN stored procedure could fail with an error if the new database had a space in the name – Fixed.

BUG: Object reference error could appear when opening the endpoint map chooser if no function endpoints were defined and mapped – Fixed.

BUG: Object reference error could appear when creating a new system map record under certain conditions – Fixed.  
BUG: C# code injection was not inserting the Args.Log(ex); command properly in the catch block – Fixed.  
BUG: C# code injection could duplicate the Args.Log(ex); command under certain conditions – Fixed.  
BUG: Batch deployments were not being honored under certain conditions– Fixed.  
FEATURE: A detailed warning is now given if attempting to create a new table library without first assigning connection strings to a configuration.  
CHANGE: Feature to ‘Warn if user is not an administrator’ is deprecated

**Transaction Manager**

BUG: Object reference errors could occur on startup under certain conditions – Fixed.  
BUG: Fixed bug when creating TCPIP Watcher

**Templates**

BUG: C# templates had errors in the Assembly.info files – Fixed.

**Entity Framework**

BUG: Various minor bug fixes.

**Reporting Screen**

FEATURE: Updated look and feel.

**Connectelligence**

**Version = 2017.12.63**

**Release Notes**

.....

**Designer**

FEATURE: Added support for d365 system configuration-adapter.  
FEATURE: Added support for WithoutWire system configuration-adapter.

**Connectelligence**

**Version = 2017.12.62**

**Release Notes**

.....

**Designer**

BUG: When choosing an endpoint in the data map creator (header), an object reference error could occur (sporadic) – Fixed.  
FEATURE: Added feature to skip blank (corrupted) records when recompiling the main library in order to tolerate mild database corruption where there are blank endpoint records.

**Connectelligence**

**Version = 2017.12.61**

**Release Notes**

.....

**Designer**

FEATURE: Added additional logging and error traps for deployments for more human readable errors regarding Visual Studio templates.  
BUG: Fixed error in view definition [Connectelligence].[v\_DataMapHeader] that was causing sql database update errors.

**Connectelligence**

**Version = 2017.12.60**

**Release Notes**

.....

**Designer**



BUG: Due to firewall changes on MLT servers, existing FTP calls (using passive mode) no longer work. Changes made to the application (to convert to active mode) to support file transfers for:

- Upload->Support Cases
- Upload->Backups (on shift-backup)
- Download->Release Notes
- Download->Latest Version

### **Connectelligence**

**Version = 2017.12.59**

#### **Release Notes**

##### **Big Brother**

BUG: Service would hang when monitoring time watcher maps that were configured to wait for a file to appear prior to triggering – Fixed.

##### **Transaction Manager**

BUG: If a service failed to stop and entered the StopPending state, the stop button in the UI was disabled, preventing the user from using a SHIFT-Stop to forcibly stop the service – Fixed.

### **Connectelligence**

**Version = 2017.12.58**

#### **Release Notes**

##### **Designer**

BUG: Bug fixes to C# code injection.

BUG: Bug fixes to C# Entity Framework code generation.

FEATURE: Entity Framework, added support for truncating strings to meet database string length constraints.

### **Connectelligence**

**Version = 2017.12.57**

#### **Release Notes**

##### **Designer**

BUG: Bug fixes to Entity framework class for both vb.net and c# code.

##### **Templates**

BUG: Projects deployed as optimized C# projects would fail to compile because the target method constructor used New rather than new keyword (casing) – Fixed.

BUG: Csharp template had assembly information with invalid versions, which could lead to failure of services to start (for major version differences) – Fixed.

BUG: CSharp Time Watcher Map template was corrupted – Fixed.

### **Connectelligence**

**Version = 2017.12.56**

#### **Release Notes**

##### **Designer**

BUG: Entity Framework did not support custom database types – Fixed.

BUG: Save&Close for a connection on the master data editor produced a compilation error (innocuous) – Fixed.

FEATURE: Transaction map creation/updating now automatically creates any custom data types that are present in the source table/view, but are not defined in the Connectelligence database.

FEATURE: Entity Framework now supports class generation from synonyms and views (in addition to tables).

## **Connectelligence**

**Version = 2017.12.55**

### **Release Notes**

---

#### **Designer**

**BUG:** Rebuild button in the master data editor caused problems for functions and is now hidden for libraries of type "Function".

**FEATURE:** A new 'Entity Framework' button is available in the master data editor for table libraries. It generates class library code for accessing tables (INSERT/UPDATE/DELETE).

## **Connectelligence**

**Version = 2017.12.54**

### **Release Notes**

---

#### **Services**

**BUG:** Services would stop whenever a stop command was issued, regardless of whether or not they were set to wait for transactions to complete prior to stopping – Fixed.

**BUG/FEATURE:** Argument logging (Args.Log()) is now supported for non-optimized maps and for interactive debugging operations.

#### **Designer**

**FEATURE:** MSMQ loading and initializing optimizations.

#### **Transaction Manager**

**FEATURE:** Report to 'Create Missing Indexes' added. (Previously there was a report to show the missing indexes. Now those indexes can be created automatically).

**FEATURE:** Added a master report that shows all data maintenance reports as separate tabbed reports within a single report windows.

**CHANGE:** Changed the organization of the Database maintenance reports menu hierarchy.

#### **Base**

**BUG/FEATURE:** DisplayNumber() method only supported Int32 values, meaning values larger than that displayed as 0 bytes (visible in many reports). Added support added for Int64 values.

## **Connectelligence**

**Version = 2017.12.52**

### **Release Notes**

---

#### **Designer**

**FEATURE:** MSMQ functionality now loads all service queues in the background on startup. This avoids a delay (possibly lengthy, if there are many deployed maps) the first time MSMQ is used.

#### **Services**

**BUG:** The ExecuteWithRetry methods could fail to pass parameters into retry executions – Fixed.

## **Connectelligence**

**Version = 2017.12.50**

### **Release Notes**

---

#### **Designer**

**BUG:** Errors during background compilation could fail to show or log because of threading STU vs. MTU issues – Fixed.

**FEATURE:** More granular error reporting for main library compilation errors.

### Transaction Manager

BUG: Service Timers report only worked if the Connectelligence database was named Connecelligence2017 – Fixed.

### Connectelligence

Version = 2017.12.49

#### Release Notes

##### Services

BUG: Minor bug fixes.

### Transaction Manager

BUG: Newly deployed services did not show automatically. Now the grid is automatically refreshed if newly created services are not showing.

BUG: Service status text would not always update when service status changed from Stopped<->Running – Fixed.

### Archive Class

FEATURE: New file archive features.

### Connectelligence

Version = 2017.12.48

#### Release Notes

##### Services

BUG: Calls to the IsServiceCaughtUp() method to check the status of services (other than the currently running service) would cause the currently running service to assume the name of the service being checked, resulting in failed transactions – Fixed.

### Connectelligence

Version = 2017.12.47

#### Release Notes

##### Services

BUG: Time-based services would refuse to start if the new DirectoryToWatch or FileToWatch were not being used (Due to incorrectly being set as **required** in the database) – Fixed.

### Designer

BUG: Object reference error when saving changes to a connection (innocuous) – Fixed.

FEATURE: Added support for spaces in database name (for main configuration database)

FEATURE: New feature in Master data editor to 'Get database object definition' – generates a sql script to recreate any database object.

### Connectelligence

Version = 2017.12.46

#### Release Notes

##### Designer

FEATURE: Added support for Sql query hints during deployment. This very advanced feature can make the difference between executing taking minutes or taking seconds in some cases.

FEATURE: Added a database connection string resolution button to the master data editor, in line with the database specification of table libraries.

### Transaction Manager

FEATURE: Added zoom-in, zoom-out buttons to zoom ribbon.

## Connectelligence

Version = 2017.12.44

### Release Notes

---

#### Designer

BUG: Scripting views (during backup or promotion operations) could fail with an error "The located assembly's manifest definition does not match the assembly reference" - Fixed.

#### Transaction Manager

BUG: An error on startup could cause the services to fail to load, requiring a manual refresh – Fixed.

## Connectelligence

Version = 2017.12.43

### Release Notes

---

#### All

BUG: MSMQ permissions were not being set on newer operating systems due to changes made by Microsoft to tighten security. This prevented proper communications between modules and services and created erratic behavior on deploy/un-deploy – Fixed.

#### Service Maps

BUG: Logging could fail for null source values of type datetime – Fixed.

## Connectelligence

Version = 2017.12.42

### Release Notes

---

#### Designer

BUG: When re-deploying a map, the Incremental Field (enable/disable) was not being recalled and displayed properly on the form.

BUG: Deleting an endpoint from a library could produce an object reference error (innocuous) – Fixed.

FEATURE: Added support for deployment of timer-based maps to trigger based on file/directory creation. (Feature copied from v2018 into v2017)

#### Base.Service

BUG: DynamicsAXTableClass was referring to `mlt__GetSysDataBaseLogFieldChanges` in the dbo schema rather than the Connectelligence schema – Fixed.

#### Base.Common

CHANGE/FEATURE: Throwing an IntegrationError now automatically uses the InnerException where available.

BUG/FEATURE: Better support for bit and uniqueidentifier fields in the ParamsToText() function (Dynamic Sql class)

#### Base.Maps

FEATURE: Archiver class now allows moving files to date-based folder storage without requiring compression.

CHANGE: Archiver class no longer appends "Archiving existing source file ..." on files that it archives, making it easier to re-process failed files.

#### riteTIME Adapter

FEATURE: Added support for new configuration options: `UnpaidBreakRemovalMethod`, `UserId`, `Password`.

## Connectelligence

Version = 2017.12.41

### Release Notes

---

#### Designer

BUG: Using fully qualified domain names in landscapes was not supported – Fixed.

FEATURE: Improved support for complex SQL commands minimizing situations where a database view is required.

#### Transaction Manager

BUG: Maps deployed as batch maps with no service option were showing as disabled – Fixed.

#### Services

BUG: Automated logging of transactions containing errors could fail to log the error message – Fixed.

## Connectelligence

Version = 2017.12.40

### Release Notes

---

#### Designer

BUG: Deleting a file library produced an error (innocuous) -Fixed.

BUG: Updating a delimited file library path did not update the new path for the DefaultPath in code – Fixed.

BUG: Compiling a delimited file library would log a bogus warning about failing to create an interface – Fixed.

## Connectelligence

Version = 2017.12.39

### Release Notes

---

#### Designer

BUG: Unoptimized maps would fail to compile for deployment – Fixed.

#### Designer

BUG: Added accommodation for custom view creation when dealing with database that have no tables or no views.

FEATURE: Added support for synonyms in custom view creation.

#### Transaction Manager

BUG: On some systems an error on startup would prevent the services from loading (refresh solved the issue) – Fixed.

## Connectelligence

Version = 2017.12.38

### Release Notes

---

#### Designer

BUG: A warning intended only for maps targeting functions would appear when attempting to delete any map (innocuous) – Fixed.

BUG: Renaming a map produces a warning that the function is already mapped (innocuous) – Fixed.

FEATURE: Synonyms now show up as selectable objects when creating a new table-view.

FEATURE: It is now possible to delete an endpoint map or data map directly from the master data grid.

FEATURE: Doing a copy (Save-As) of a data map now allows maps that target a function to specify a new target function (to avoid a best practices violation)

FEATURE: Added new Best practice to ensure that functions are targeted by only one data map.

FEATURE: The endpoint map chooser form now allows hiding of target function endpoints that already have mappings.

**Connectelligence**  
**Version = 2017.12.37**  
**Release Notes**

.....  
**Designer**

BUG: Default adapter had invalid directory locations which caused it to load with errors – Fixed.  
CHANGE: No messages found in the language tables now provides a warning rather than an error in the log file.

**Connectelligence**  
**Version = 2017.12.36**  
**Release Notes**

.....  
**Transaction Manager**

BUG: An error message couple appear on startup ‘ImageSource’ already belongs to this DataTable (innocuous) – Fixed.

**Deisgner**

BUG: Renaming a system map would fail to create a CurrentSystem value in the system maps table (for Current Configuration usage) with the new system name. It also failed to update references to any databases in the system that were being used by table/view libraries – Fixed.  
BUG: When deploying a map, and error could be logged (non-interactively) with regard to a duplicate mlt\_Id field (innocuous) – Fixed.  
FEATURE: Better tolerance for failed library compilations when attempting to map to a new function that does not yet exist as a defined endpoint.

**Connectelligence**  
**Version = 2017.12.35**  
**Release Notes**

.....  
**Designer**

BUG: Service reference was not always being added to deployed projects under certain conditions – fixed.  
BUG: Args.Log() (Injected command) did not work with tables with identity columns – Fixed.  
CHANGE: Automated clipboard copy functionality removed from base methods.

**Connectelligence**  
**Version = 2017.12.34**  
**Release Notes**

.....  
**Designer**

BUG: When changing a namespace in the master data editor, the new namespace was not used in initial export types evaluation – Fixed.  
BUG: Source table libraries specifying ORDER BY fields that used a table prefix resulted in errors during deployment – Fixed.  
CHANGE: Using quoted identifiers or extended properties in connection strings now causes a warning message due to the lack of support for these items in various areas.

**Transaction Manager**

BUG: Services grid record colors were not being updated with changes to service status – Fixed.  
BUG: Changes made to the source connection string during a redeployment were not being used in operations due to caching of the old value. – Fixed.



FEATURE: Added feature to purge all transaction index records (Tools-Database-Purge transaction tables).  
FEATURE: Added feature to purge all error records (Reports-All-Purge error records)

**Installer**

BUG: Install files were being placed in C:\Connectelligence2018 rather than C:\Connectelligence2017 – Fixed.

**TCPIP Watcher**

CHANGE: User responses to prompts are now logged.

**Connectelligence**

**Version = 2017.5.16**

**Release Notes**



**Designer**

BUG: Auto-Logging fails for source field names with spaces in them – Fixed.

**Connectelligence**

**Version = 2017.5.15**

**Release Notes**



**Designer**

BUG: Visual Studio Keywords used as field names in data maps caused errors when compiling – Fixed.

BUG: Null values could cause transaction logging to fail – Fixed.

**Connectelligence**

**Version = 2017.5.5**

**Release Notes**



**Designer**

BUG: Error on saving a data map InvalidSourceLibraryTypeException if it had a timer for a source endpoint (Innocuous) – Fixed.

BUG: Deploying from the data maps tab would prompt to recompile if the main library compile was current (innocuous) – Fixed.

BUG: When adding records to a system map an Object reference error would occur after the second save – Fixed.

BUG: When adding records to a system map the automatic background compile (if enabled) could issue two compiles in a row, leading to thread-access problems and additional compile time – Fixed.

**Connectelligence**

**Version = 2017.5.4**

**Release Notes**



**Transaction Manager**

BUG: Errors could be logged during grid refresh under certain conditions and could prevent the service status from updating in the service filter grid – Fixed.

BUG: Errors logged due to object reference error in function FieldsToShowChanged() – Fixed.

**MSMQ**

BUG: MSMQ AddPermissions() calls could be performed and logged redundantly, slowing down operations – Fixed.

**Connectelligence**

**Version = 2017.5.2**



## Release Notes

### Designer

BUG: Upgrading from v2016 could cause the database specification in the config file to get renamed as Connectelligence2017 – Fixed.

## Connectelligence

Version = 2017.4.30

### Release Notes

#### Designer

BUG: Could get an error pertaining to GetValueFromCurrentSystem if the database name was something other than Connectelligence2017 – Fixed.

BUG: Data map transformations that relied on the default value (field used in the mapping) rather than named parameters could yield null – Fixed.

BUG: Built-in function Date\_Today yielded a null result – Fixed.

BUG: Project conversion would fail to add required references to Visual Studio project files – Fixed.

FEATURE: New processing option in each service master table: "Finish All Events Before Continuing".

(True/False/Empty=Use Default) Checks for new transactions after each transaction run and prior to the timer elapsing.

#### Transaction Manager

BUG: When selecting a deployed map in the service filter, the map could fail to become the 'current map' under certain conditions – Fixed.

## Connectelligence

Version = 2017.4.28

### Release Notes

#### Designer

BUG: Recompile failure would give success message when completed. – Fixed.

BUG: Bouncing between saving changes and rebuilding the library (in the master data editor) could eventually wind up corrupting the endpoint (fixed by rebuilding again) – Fixed.

## Connectelligence

Version = 2017.4.26

### Release Notes

#### Designer

BUG: When deploying a map that has not been previously deployed, configuration lookup errors could occur – Fixed.

## Connectelligence

Version = 2017.4.25

### Release Notes

#### All Services

FEATURE: Support for authentication added to service email sending.

#### Designer

CHANGE: The Big Brother service is now created with startup type = Automatic.

CHANGE: If an attempt is made to recompile the main library and it is already current (not stale) then the user is now prompted to perform the recompile or abort.

FEATURE: When adding or removing fields from a Table/View library in the master data editor (either by changing and then saving or by rebuilding) the associated data map transaction is now updated.

FEATURE: New option to validate sql on save to check for reserved words in use as field names.

### **Transaction Manager**

BUG: Choosing to reprocess the previous record could throw an object reference error if no record was selected – Fixed.

CHANGE: Reprocessing multiple records now shifts focus to the Monitor bar after marking the first record (instead of waiting until after the last record).

### **Installer**

BUG: Installer could fail if the Connectelligence2017 directory did not already exist (bug introduced when dynamic log file locations feature was added) – Fixed.

### **Connectelligence**

**Version = 2017.4.21**

#### **Release Notes**

#### **Designer**

BUG: When exporting a package, an error regarding the 'Current system name' could be generated from the "Scripting Views" function (innocuous) – Fixed.

### **Transaction Manager**

BUG: Service filter grid could go 'blank' after selecting a service (very sporadic) – Fixed

FEATURE: Speed improvement to service filter grid.

### **All Services**

BUG: When debugging, the assemblyInfo file could be deleted and the debugging stopped with an error (very sporadic) – Fixed.

### **Connectelligence**

**Version = 2017.4.18**

#### **Release Notes**

#### **Transaction Manager**

BUG: Service status color was not always displayed properly (did not always match the current state of the service) – Fixed.

### **Connectelligence**

**Version = 2017.4.16**

#### **Release Notes**

#### **Designer**

BUG: Adding a new system record to an already existing system map could cause an error on save regarding a primary key violation (innocuous) – Fixed.

BUG: Rebuilding or making changes to a library in the master data editor did not mark the main library as stale (and enable recompiling) – Fixed.

BUG: Renaming a data map did not mark the main library as stale (and enable recompiling) – Fixed.

BUG: Rebuilding a library item in the master data editor did not automatically map newly created endpoints (if auto-map function endpoints was enabled) – Fixed.

CHANGE/FEATURE: Some of the non-modal messaging has been changed to utilize Windows notification icons.

### **Transaction Manager**

FEATURE: Status field added to list of files to show/hide in Service Filter.

### **Connectelligence**

**Version = 2017.4.12**

**Release Notes**

.....

**Designer**

BUG: Transactions did not accommodate Sql Server custom data types – Fixed.

**Connectelligence**

**Version = 2017.4.11**

**Release Notes**

.....

**Designer**

BUG: Code injection for VB could create Args.Log(ex) in catch block twice – Fixed.

BUG: Create support case functionality was broken. File upload was working, but the final email send was not – Fixed.

FEATURE: New option 'Backup prior to installing updates' (True by default)

**Installer**

FEATURE: Now takes a backup of the current configuration prior to upgrading if 'Backup prior to installing updates' is true.

**Service Report Manager**

BUG: Sql versus File report indicator was not working – Fixed.

BUG: Changes to existing reports was not saving – Fixed.

BUG: v\_ReportAssociations view was not being created (which was causing errors in the Transaction Manager as well) – Fixed.

BUG: Help button was not linked to help content – Fixed.

**Connectelligence**

**Version = 2017.4.7**

**Release Notes**

.....

**Designer**

BUG: Undeploy-redeploy removes service from transaction manager but does not add it back – Fixed.

CHANGE: No more modal dialog at the end of a successful deployment.

BUG: Importing a package did not create transaction definitions or maintain transaction tables – Fixed.

FEATURE: File->Backup/Restore->View Backups. Provides access to all backup packages for viewing the packages or package contents.

FEATURE: Configurations tab now has a View Configurations option to view all configurations in one form.

**Connectelligence**

**Version = 2017.4.5**

**Release Notes**

.....

**Designer**

BUG: The mlt\_Id identity column is automatically added to a table being monitored if it does not exist.

This was true before when the map is deployed for the first time. Now it is true even if a map was already deployed against the table. (Supports error-free upgrading from older versions).

BUG: Master data editor – converting a sql command to a view did not save changes to select from the view instead of the original command – Fixed.

BUG: Master data editor – converting a sql command to a view did not accommodate ORDER BY clauses, which are not allowed with Sql Server views – Fixed.

BUG: Undeploy&Redeploy button was not communicating with the Transaction Manager to let it know that the map was redeployed (requiring a refresh in the Transaction Manager) – Fixed.

CHANGE: When editing a database connection containing a password, the password is now revealed if an attempt is made to edit the connection string.

## **Transaction Manager**

BUG: Creating an instance from scratch (with no map) resulted in an object reference error – Fixed.

BUG: 'Show search tools' (Transaction Bar) did not always toggle the search tool controls – Fixed.

FEATURE: Search tools toolbar now appears on Triggers tab when it is toggled.

## **Services**

BUG: Services were not honoring stop commands during transactions after encountering warnings – Fixed.

## **Connectelligence**

**Version = 2017.4.2**

### **Release Notes**

---

#### **Installer**

BUG: The installer could close down services if their name started with Connectelligence – Fixed.

#### **Designer**

BUG: Object reference error could occur when loading libraries under certain conditions – Fixed.

FEATURE: Added trap for invalid source endpoint definition and included remediation steps in the error message (avoids an object reference error when a source endpoint is corrupted or needs rebuilding.).

## **Connectelligence**

**Version = 2017.4.1**

### **Release Notes**

---

#### **Designer & Transaction Manager**

CHANGE: Attempting to close the application during a download (downloading an update) now produces a warning that a download is in progress before closing the application.

CHANGE: Upgrading now converts references in config file that refer to Connectelligence2016 to Connectelligence2017.

FEATURE: Log files and Rollback files location can now be configured in the Tools->Options->General->Logging. These directories are transaction and can get very large. Being able to specify a separate location for these means that the root Connectelligence folder can be backed up without containing transactional information.

#### **Designer – Consistency check**

Many bug fixes, additional check to validate all file paths for master data libraries.

#### **Deisgner**

BUG: Mass re-deploy could show a modal message after each map deployment – Fixed.

## **Transaction Manager**

BUG: Clicking on the real-time ribbon now properly limits the service filter to just those maps deployed as real-time integrations. Clicking on the On-Demand ribbon now properly limits the service filter to just those maps deployed as on-demand integrations.

## **Connectelligence**

**Version = 2017.3.32**

### **Release Notes**

---

#### **Designer**

BUG: Transaction Recreate button was not enforcing required fields (mlt\_FkId, mlt\_ErrorMessage) – Fixed.

BUG: Promoting a single data map failed if the source or target endpoint was a built-in function or adapter – Fixed.  
BUG: Renaming a data map from the data maps tab did not rename the associated transaction (if one exists) – Fixed.  
BUG: Current system could fail to resolve under certain conditions with spaces in the name – Fixed.  
FEATURE: Improvements to methodology for fixing corrupted cmap files (consistency check).  
FEATURE: Consistency check now deletes cmap files that reference invalid maps.  
FEATURE: Consistency report now validates all master data paths.

### **Transaction Manager**

BUG: Resetting all records as processed for a Table Watcher could fail if the source definition had an ORDER BY clause – Fixed.

### **riteTIME Adapter**

BUG: Employee options GUID was getting 'Primary User' if no user was specified – Fixed.

### **Connectelligence**

**Version = 2017.3.31**

#### **Release Notes**

##### **Designer**

BUG: Code injection – VB.NET generated code could fail to insert Try statement - Fixed.  
BUG: Built-In functions were installing with improper namespace and file settings in master data – Fixed.  
CHANGE: Visual changes to the custom view creation screen for consistency.  
FEATURE: If a newly created data map has transformations, then Enable Transformations is True by default the first time the map is used to test or apply.  
FEATURE: New option to script database views on backup.

##### **riteTIME Adapter**

BUG: Specifying an employee options string when creating a new employee ignored the string – Fixed.

### **Connectelligence**

**Version = 2017.3.23**

#### **Release Notes**

##### **Designer**

BUG: Code injection - C# generated code had improper casing, causing compile errors – Fixed.  
BUG: When testing a data map's function parameters (individual parameter test), no transformation was applied if the map was never deployed with 'Enable Transformations' – Fixed.  
BUG: Built-in Functions library code file path was incorrect, causing xml help tips to fail to show in the transformation popup window – Fixed.  
BUG: Transformations were not allowing saves from popup window if parameter check failed (this check is expected to fail for parameters that are not expecting source field names) – Fixed.  
BUG: Built-In Function `Database_RunSPROReturnString` was not implemented – Fixed.  
BUG: Some integration flags (such as Enable Transformations) were not being set when choosing a quick-preview or quick-integrate – Fixed.  
BUG: `ParmsToText()` function for logging sql commands and parameters was erroring if the sql command did not have any parameters – Fixed.  
BUG: Downloading an adapter or other package from the internet was broken – Fixed.  
BUG: Error in current system lookup library could cause system-based database lookup calls to fail under certain conditions– Fixed.  
FEATURE: When testing maps with filters, there is no longer a need to select the number of records to return as 'Unlimited records' - the base code has been optimized to accommodate the filter with any number of return records set.

FEATURE: Import screen now allows the files section (grid) to scroll and enlarge to accommodate a larger selection of packages and backup files to be viewed.

FEATURE: Added abort-retry-ignore loops around export and import routines for scripting or importing database views.

FEATURE: Documentation updates.

CHANGE: Best practices are no longer enforced on a package import. Best practices are now enforce on an Adapter Export.

## **Connectelligence**

**Version = 2017.3.20**

### **Release Notes**

#### **Directory Watcher**

BUG: Parsing text fields that contains commas failed – Fixed.

#### **Designer**

BUG: When creating a new endpoint library from the Endpoint Map chooser, the “Create New Library” button was not working – Fixed.

BUG: When creating a new endpoint library from the Endpoint Map chooser, the “Choose” button was not working – Fixed.

BUG: Renaming a data map from the deployment tab would cause errors – Fixed.

BUG: Remoting timeout could occur when redeploying a map under very specific conditions – Fixed.

BUG: Validate target fields (from data map) did not work for built-in function targets – Fixed.

BUG: When deploying and no service credentials are defined, the options form displayed was not navigating to the service credentials area – Fixed.

BUG: When adding, or removing endpoints in the master data editor, summary message of changed endpoints was sometimes incorrect – Fixed.

CHANGE: When adding, or removing endpoints in the master data editor, affected maps with a function endpoint are now automatically updated with the endpoint mapping changes if AutoMapFunctionEndpoints = True.

CHANGE: If selecting the menu option to inject code while working with a map that does not support code injection, a message is now displayed stating why the inject did not occur.

CHANGE: Null endpoint is now hidden from available selection (legacy).

CHANGE: “Enable Workflow” and “Enable Transformations” options are now hidden when deploying an optimized map (these options do not apply to optimized maps).

## **Connectelligence**

**Version = 2017.3.16**

### **Release Notes**

#### **Phase-1 Landscape changes – incorporating landscapes into master data records.**

1. All installations now get a default landscape (named DEFAULT) created at startup. Existing items that now require a landscape (connections, configurations) are automatically associated with this landscape.
2. Master Data: Added uniqueness constraint on Group, Type, Name.
3. Endpoint Maps: added uniqueness constraint on Group, Parent, Table.
4. Creating a new database connection now requires selecting a valid landscape.
5. Creating a new configuration connection now requires selecting a valid landscape.

#### **Services & Designer**

FEATURE: (Previous feature that was added to Table-Join watcher maps is now added to Table Watcher maps) - Added support for setting database options associated with a view (in a view library). Database settings can be set at the level of the view, view library, or globally.

## **Designer**

BUG: An 'No current item' error could be thrown when navigating to an endpoint in the master data editor – Fixed.

BUG: Error if deleting a configuration or system where no records exist – Fixed.

BUG: Working with files in delimited libraries that contained spaces could cause errors under certain conditions – Fixed.

BUG: Visual Studio could fail to open in some areas (VS2017 compatibility issue) – Fixed.

BUG: Upgrading the current project would fail with a "key has already been added" error – Fixed.

FEATURE: With best practice enforcement turned on, new table/view library creation now forces the use of a connection from a system-configuration and disallows specifying a direct connection.

FEATURE: Dramatically improved speed of creating new master data and saving after deleting master data records.

FEATURE: Improved refresh speed on all grids.

## **Directory Watcher**

FEATURE: Accommodation for quoted fields that also can contain the field delimiter.

## **Connectelligence**

**Version = 2017.3.14**

### **Release Notes**

#### **Services & Designer**

FEATURE: Added support for setting database options associated with a view (in a view library). Database settings can be set at the level of the view, view library, or globally.

## **Connectelligence**

**Version = 2017.3.13**

### **Release Notes**

#### **All**

CHANGE: Calls to notepad are all replace with calls to the default text file view and only use notepad as a failover.

## **Designer**

BUG: Testing an integration and using a Filter did not save or apply the filter – Fixed.

FEATURE: Illegal token values are now automatically renamed unless the new name conflicts with an existing value.

## **Transaction Manger**

BUG: Choosing a service-specific report could fail to launch the report – Fixed.

BUG: Service Report Manager was not enabling the save button after making changes to some fields – Fixed.

CHANGE: Added Report Manager to the Reports-Service menu.

## **Connectelligence**

**Version = 2017.3.12**

### **Release Notes**

#### **All**

FEATURE: Added support for Visual Studio 2017.

## **Designer**

BUG: Testing a map or running a map that was not optimized would cause failures if the Args.Log() command was used – Fixed.

## **Install**

FEATURE: Running install will now create any missing database objects in the main and default database as well as create the databases if they do not exist (previously only the Install option did this. Now this takes place for the Upgrade option as well).

## **Connectelligence**

**Version = 2017.3.11**

### **Release Notes**

#### **Designer**

BUG: Compilation of main library would fail if no transactions were defined – Fixed.

## **Install**

FEATURE: Improvements to upgrade from major version change.

## **Connectelligence**

**Version = 2017.3.9**

### **Release Notes**

#### **License Manager**

BUG: Manually assigning a license id in the UI could result in errors and key refusal – Fixed.

#### **Designer**

BUG: Project conversion was not updating all references to old paths in VS project files – Fixed.

## **Installer**

FEATURE: Project conversion from a previous version after a major version change now runs automatically, with no pre or post upgrade tasks required by the user.

## **Connectelligence**

**Version = 2017.3.2**

### **Release Notes**

#### **Designer**

BUG: When deleting an endpoint from the master data tab, the warning message had grammatical errors as well as a reference to the current data map (rather than the selected endpoint map) – Fixed.

BUG: Change report – clicking on Data Map Header produced an error – Fixed.

FEATURE: Downloading an update now has a progress bar and a cancel button.

FEATURE: Code injection of parameters now works for C# solutions.

FEATURE: When using a database enumeration for a system and a related configuration has an invalid database specified, only one error is produced, and all other database enumeration lookups are aborted until refresh, saving the user from having to wait through multiple database timeouts.

CHANGE: Code injection of parameter args now uses the name 'Args' rather than 'Args' plus the map name.

#### **Transaction Manager**

FEATURE: Added report for Error Log (all maps) to Reports-All.

FEATURE: Added report for Error Log (current map) to Reports-Current.

FEATURE: When performing a global search (Dashboard bar) if no matching records are found a message is displayed (rather than just no results).

## **Reporting**



FEATURE: Improved speed of showing reports. (Affects most reports that are displayed in separate window).

**Connectelligence**

**Version = 2017.2.31**

**Release Notes**

**Transaction Manager**

.....  
**Designer**

FEATURE: Improvements to deploying table watcher maps. Auto-correcting of mapped field values to properly determine the key field name and value.

**Installer**

BUG: A clean install would provide an erroneous value for the default database connection string – Fixed.

BUG: When upgrading, if the database connection failed, the button to change it was disabled – Fixed.

**Connectelligence**

**Version = 2017.2.24**

**Release Notes**

.....  
**Designer**

BUG: If the default landscape was used the main library would not compile – Fixed.

**Transaction Manager**

BUG: Selecting a service could error when attempting to add the menu item for the transactions table – Fixed.

**Maps Library**

FEATURE: New option to archive file uncompressed with the date-time included in the file name.

**Connectelligence**

**Version = 2017.2.23**

**Release Notes**

.....  
**Designer**

BUG: Extraneous web service references in the Designer config file were removed.

FEATURE: New option to warn on deploy if a map is not optimized. True by default.

FEATURE: If no landscapes are defined, then you are prompted to name the current landscape.

FEATURE: Changes Report now includes a tab for all changes in reverse date-time order. Title also shows the date-time of the most recent change made.

FEATURE: New Code Injection section of options, with options to inject code into new user functions: try-catch block, mapped fields argument, transaction logging (success and failure).

CHANGE: Change Control form is now renamed to Changes Report and moved from the tools menu to the Reports menu.

**License Manager**

BUG: Non-branded version of the License Manager was being packaged with branded builds – Fixed.

**Dynamic Sql Library**

CHANGE: Sql parameters are now a local, non-shared property.

**Connectelligence**

**Version = 2017.2.22**

**Release Notes**

.....

## All

Deprecated language messages.

### Designer

BUG: When removing an endpoint in the master data editor, the message improperly referred to added endpoints – Fixed.

BUG: Occasional errors related to the combo box when deleting a system or configuration map – Fixed.

BUG: Auto-map function endpoints option was not working – Fixed.

BUG: Transaction auto-logging is not code-injecting after save – Fixed.

BUG: Data maps with spaces in their name would cause transaction logging to error – Fixed.

FEATURE: Renaming a data map would only rename arguments in code if they were in the primary code file. Now renaming is done in any code file in the target function project.

FEATURE: Improved default naming of views when creating a new view from a sql command.

FEATURE: When importing an adapter, Connectelligence connections in the master data are now changed to reference the current Connectelligence connection string.

### Transaction Manager

BUG: Error details on Transactions bar were not wrapping – Fixed.

BUG: Clicking on a service would give an error stating that 'Locked' column is not present. Recreating the v\_ReportAssociations view solved the problem – Fixed.

### Base Library

BUG: SQLServer library RunSQL() method did not support using parameters for deadlocks with deadlock auto retry = true – Fixed.

CHANGE: Logging on Sql Retry failover blocks changed to be more general and to include the sql command on the first failure (instead of just the last failure).

### riteLINK

FEATURE: Added support for PieceRate field in InsertOrUpdateLevelListValue method.

## Connectelligence

Version = 2017.2.14

### Release Notes

#### Designer

FEATURE: Renaming a data map would only rename arguments in code if they were in the primary code file. Now renaming is done in any code file in the target function project.

FEATURE: The top position of the main ribbon was off on some systems. Added a feature Tools->Options->User Interface to control this position so that it can be adjusted as necessary on some systems.

FEATURE: Improved startup time.

### Table-Join Watcher

BUG: Table-table maps had a malformed sql command for inserting records – Fixed.

### Base Library

FEATURE: ParamsToSSMS() method added to Dynamic Sql library.

CHANGE: Services can now be stopped during transactions if they are encountering warnings (previously limited to just errors).

### Transaction Manager

BUG: The default color for warnings in the transaction grid was green, changed to gold – Fixed.

FEATURE: Reprocessing a transaction now decrements the grid row count in the header.

FEATURE: Added Select All button to Transactions bar (for reprocessing all records in a grid).

## **Connectelligence**

**Version = 2017.2.12**

### **Release Notes**

#### **Designer**

BUG: If a field type of object (Timestamp, BLOB, FILSTREAM, etc.) was mapped, the main library would fail to compile – Fixed.

BUG: T\_ReportMaster table was not being updated with newly required fields, causing errors when deploying maps or working with Transactions – Fixed.

BUG: Landscape records were not displaying (bug introduced in previous release) – Fixed.

BUG: Warnings could appear in the log file pertaining to custom images with no path (innocuous) – Fixed.

BUG: Mass un-deploy from Deployments tab gave an improper warning message prior to un-deployment – Fixed.

BUG: Ribbon control at top of form had a large margin from the top of the form (no code changes, perhaps a Visual Studio update caused this?) – Fixed.

BUG: When performing a mass un-deploy from the data map chooser, no overall progress was shown – Fixed.

BUG: When exporting a promotion and using the RDC repository, the splash message display was incorrect – Fixed.

FEATURE: Verifying target map field usage in functions now support GetParameterByName() usage.

FEATURE: The machine name is now included in all export packages in the notes field.

CHANGE: When exporting a promotion and using the RDC repository, if the database update to the remote machine fails, the error is suppressed.

#### **Transaction Manager**

BUG: Special transaction types were not showing as colored in the transaction monitoring grid – Fixed.

#### **License Manager**

BUG: Was not clearing existing licenses when importing an encrypted license key (offline licensing) – Fixed.

## **Connectelligence**

**Version = 2017.2.10**

### **Release Notes**

#### **Designer**

BUG: Token names that were not fully qualified (including the system name) were not being recognized – Fixed.

BUG: When changing the name of a library in the master data editor the old name would appear as the name after saving (UI only) – Fixed.

FEATURE: Improved speed of renaming libraries in the master data editor.

FEATURE: The endpoint map chooser now supports exposing user functions that are not endpoints for the source endpoint map chooser (previously supported just for target endpoint maps.)

FEATURE: Improvements to creating a new endpoint from the Endpoint map chooser including a new form for choosing the library to use.

FEATURE: Improved Xml serializers and de-serializers for data tables and data sets.

#### **Data Access Library**

FEATURE: Reworked support for retrying deadlock errors to apply to more situations

#### **Maps Library**

FEATURE: Archive Class now has an option to archive files without compressing.

**Connectelligence**  
**Version = 2017.2.7**  
**Release Notes**

.....  
**Designer**

- BUG: Tools->Options password would fail to decrypt properly – Fixed.
- FEATURE: The endpoint map chooser now supports creating new libraries as well as endpoints within libraries! This means that there is no longer a need to define master data prior to creating data maps. Master data can be defined as part of the data map creation process.
- FEATURE: Tools->Options now has options for configuring custom colors for grid records in the Transaction Manager monitoring grid, and service filter grid.
- FEATURE: Button added to validate map field usage by scanning the target library to determine which map fields are not currently in use in the target library.
- FEATURE: Invalid map fields now turn red in the data map sub-tab (red link) as well as the grid sub-tab.
- FEATURE: After making changes to endpoints in the master data editor, it now checks for invalid data mappings after save and prompts to remove any invalid endpoints.
- FEATURE: After making changes to endpoints in the master data editor, it now checks for data maps using the endpoint and targeting a function, then offers to update those data maps to automatically map the new field(s).
- CHANGE: When importing a package, if an icon cannot be overwritten it is no longer logged as an error, just as an informational message. This prevents “errors” from showing at the end of imports due to icon files in use.
- CHANGE: When importing a package from the RDC Repository, a warning is displayed if the RDC repository folder does not exist.

**License Manager**

- BUG: When updating a license (Contact Server) and the license key has changed, the license master table is now cleared of all records to prevent problems stemming from the existing records with old keys. (User is prompted prior to removing license records).

**Connectelligence**  
**Version = 2017.2.2**  
**Release Notes**

.....  
**Designer**

- FEATURE: Exporting/Importing packages now supports scripting and recreating of any views used by libraries.

**Transaction Manager**

- FEATURE: Log file history report now has files group by date and sorted in descending order.
- FEATURE: Log file buttons are now available on Dashboard tab and transactions tab.

**Connectelligence**  
**Version = 2017.1.32**  
**Release Notes**

.....  
**NOTE: THIS RELEASE REQUIRES ALL SERVICES TO BE RE-DEPLOYED.**

**Designer**

- BUG: Re-process a selected record would not work under certain conditions and was not using the new mlt\_Id column – Fixed.
- BUG: When deploying a map that previously had a failed deployment, messages could be logged regarding failure to drop database objects (if the db object did not exist) – Fixed.

CHANGE: The modal message box that displayed (after each success) when performing mass re-deployment has been suppressed.

### **Transaction Manager**

BUG: Transactions bar – all grids now show field names if only one service is selected.

FEATURE: Transactions bar – now shows and sorts by identity column (descending).

CHANGE: The service monitor is always started when switching to a different service.

### **Services**

FEATURE: Additional messaging for tracking table update errors.

FEATURE: Tracking table update now uses the same failover retry sequence as other methods.

FEATURE: New ParmstoSSMS() method allows for troubleshooting sql command with parameters by opening the command and parameter assignments in Sql Server Management Studio.

FEATURE: Services now support new exception: AbortProcessingSingleTransactionException, when thrown, skips the current transaction, processes the backlog, then returns to the skipped transaction.

FEATURE: Services now support new exception: AbortProcessingAllTransactionsException, when thrown, aborts OnTrigger() processing and re-evaluates the trigger.

### **Connectelligence**

**Version = 2017.1.24**

#### **Release Notes**

#### **Designer**

BUG: Unable to set a function as a target endpoint. Difficulties selecting functions in the master data editor – Fixed.

### **Connectelligence**

**Version = 2017.1.21**

#### **Release Notes**

#### **Transaction Manager**

FEATURE: Added new database reports to provide row counts for all tables, database disk space used, Sql Server version.

#### **Designer**

FEATURE: When creating a new data map, you now have the option of creating a new function right from the Endpoint Map Chooser form. You no longer have to build your function ahead of time.

FEATURE: Mass un-deploy and re-deploy of maps added to the Data Map Chooser.

### **Connectelligence**

**Version = 2017.1.16**

#### **Release Notes**

#### **Designer**

BUG: Refresh button was not visible on Master data tab – Fixed.

BUG: Rebuilding an endpoint in the master data editor would result in an object reference error (innocuous) after rebuild was complete – Fixed.

BUG: Object conversion errors in Master data editor – Fixed.

FEATURE: Added library name and library type to Endpoint reports (Endpoints in use, Endpoints not in use).

FEATURE: Service passwords are now encrypted in the database.

### **Connectelligence**

**Version = 2017.1.14**

## Release Notes

### License Manager

BUG: Changing license key would not take effect if licenses were issued under the old key and existed in the licensing table – Fixed.

### Designer

BUG: Project conversion from Connectelligence2016 was not updating master data fields referencing Connectelligence2016 file paths – Fixed.

CHANGE: Tracking tables now get a new system field 'mlt\_Id' which is an identity column. This field is added only if no existing identity column is present. This is used when reprocessing records.

FEATURE: Added global timeout settings (affecting Connectelligence (MLTDB) database as well as table-join-watcher source databases) to Tools->Options.

FEATURE: Map undeploy now supports mass undeploy of all stale maps (if there are stale maps) or all maps (if there are no stale maps) by holding the Ctrl key while choosing to undeploy.

FEATURE: Map Re-deploy now supports mass re-deploy of all stale maps (if there are stale maps) or all maps (if there are no stale maps) by holding the Ctrl key while choosing to Re-deploy.

FEATURE: Deployments report now sorts by deployment date-time (descending) upon opening.

FEATURE: Project conversion now has abort-retry-ignore prompts for certain types of failures.

## Connectelligence

Version = 2017.1.5

### Release Notes

### Designer

Initial 2017 release