

SmartConnect 21 Release Notes

Note: If upgrading to 21.1.0.931 from earlier versions, the data source driver has changed for specific text files. Users should verify that folder text data source integrations still have all fields mapped correctly in integrations and calculations, as some column names may have changed. No other data sources are affected by this change.

Feature List

21.1.0.1316

- Dynamics 365 Finance & Operations/Supply Chain Management connection release.
 - Support for D365 F&O online available for data sources and destinations.
- Business Central Connection update.
 - Support for the BC standard API in sources and destinations.
- REST Connection update.
 - Error code handling now configurable.
 - Bulk source updates for useability.
- Clearing fields for CRM, Salesforce, BC
 - Ability to clear lookups and date fields using a calculated column.

21.1.0.996

- New Maintenance options to clear event logs, regular map logs, and process errors data.
- Integration description now displayed anywhere Integration ID is displayed.
- Confirmation prompt to save you changes implemented on connections, data sources, and mapping windows.
- Right-click context menus have been added to maps, connections, data sources and any other grids.
- Users' settings now persist when logging out and back in for column groups and column orders.

21.1.0.931

- Multiple improvements to memory management with SmartConnect service for scheduled integrations.

21.1.0.911

- Business Central Connection Update
 - Business Central real time data sources added as an option to the connection. Makes use of the standard API web hooks in BC to fire. Compatible with BC online only.
- REST Connection Update
 - XML payloads new supported in addition to JSON for data formats.
- SQL and GP Connection Update
 - Trim function now available as a checkbox on data sources for both those connection types. Automatically will trim every source field when marked.

21.1.0.601

- Salesforce Connection Update
 - Production and Sandbox tabs available within one Salesforce connection. Allows for promotion of Apex classes and triggers to production – used in real time data sources.
- REST Lookup Column
 - Allows data to be retrieved from a call out to a defined REST endpoint during integration execution.

21.1.0.447

- Business Central OAuth Authentication
 - OAuth token validation supported in the Odata connector for BC. Basic authentication is deprecated in BC online and will be disabled in spring of 2022. Current and new connections can be updated to use OAuth authentication in this release and going forward.

21.1.0.366

- REST Connector
 - The updated REST Connector matches the REST connector available in SmartConnect.com. New REST connections to APIs should be created and maintained in this connector rather than the legacy REST connector (the legacy REST connector will remain in product for existing solutions).
- CRM OAuth Authentication

- OAuth token validation supported to account for Microsoft's disabling of the regional discovery services. Basic authentication is no longer supported by Microsoft.
- FTP
 - Added FTP connections to match the capabilities available in SmartConnect.com. Can be used as part of source or destination of integration in the same manner local directories function.

21.1.0.279

- Configuration Tool
 - The configuration tool now allows registration with the eOne servers when the client machine runs through a proxy. Only local on-premise connections/connectors within the app will correctly function at this time after registration however.

21.1.0.237

- Upgrade Process
 - Upgrade from SC 20.18.1.49 available. Reference documentation for full steps to update to the latest database structure.

Fix List

21.1.0.1316

- Application
 - XML files with comments fails to preview or run.
 - Salesforce entities with same name causing selection issues.
 - SQL connection fails when password contains semicolon.
 - Can't select an XSL file when setting up a folder XML source.
 - SQL table destination truncating text column to 16 characters.
 - SQL Validation task set to Quit results in crash.
 - Object reference error when using Case entity in Salesforce source.
 - GP change source not setup after import.

- Show maps set to “Allow any user to run this integration” when selecting the view to show My Integrations.
 - Excel file previewing decimal fields with extra decimal places.
 - Global variable used on NAV Soap data source not added to map correctly.
 - Duplicate key causes mapping window to not load.
 - SQL Connection failing when password begins with equal sign.
 - Importing xml format showing wrong error message in source setup.
 - Cannot edit a Popdock source if no group was initially set.
 - SFTP/FTP destination files that are reused as a source don't preview rows that have blanks in them.
 - FTP excel file has sheet missing after saving and reopening source.
 - SFTP Excel, Text, and XML files get timeout error when saving.
 - SFTP XML file receiving error when using file from the root folder.
 - SFTP text file cannot create schema file when file is from the root folder.
 - SFTP excel file doesn't let you select the sheet when the file is in the root folder.
 - ODBC file data sources used on a multi-data source not obeying user security.
- Configuration Tool
 - Manually typing in the existing user field when creating a new instance.
 - Marking the Debug checkbox on the SC windows service will create the Logs folder.

21.1.0.1155

- Upgrade Process
 - Global rolling columns correctly upgrade from prior versions.

21.1.0.1095

- Application
 - SFTP destinations do not send file to sub folders when the chosen directory is more than two levels deep.
 - Fix and save to file options on failed integrations do not function correctly with excel sources containing blanks.
 - Text folder source not working if a header starts with a number.
 - Extra digits being added to decimals fields in Excel sources.
 - Text folder source not working with files where two or more columns have the same name.
 - Concur files with different amount of fields per line not working with folder sources.
 - SystemSettings script running for every processed record.

21.1.0.1028

- Application
 - Translation tables not finding correct value if multiple conditions match.
 - BC OData linked services not generating correct values for defaulting field values.
 - Text folder source not functioning correctly when special characters or spaces present in field names.

21.1.0.1020

- Application
 - XML, Outlook, and OneDrive sources failing under certain conditions.
 - Editing a Run Integration Task throwing compile error.
 - Text and XML sources select file at runtime error.
 - Excel file select at runtime asking for file version.

21.1.0.1006

- Application
 - BC Real-time sources failing after a BC tenant update.
 - Folder real-time source not triggering.
 - Text folder sources defined headers not saving.
 - Importing a map that contains XSL files broke the data source.
- Web Service/API/Schedule
 - Runmapxml method fails if an xsl file is not used.

21.1.0.996

- Application
 - 64bit drivers causing integration to be stuck in activity table is resolved.
 - Extender detail windows now available to use.
 - Can now enter tenant id, client id, and client secrets manually on email settings.
 - Unable to import an ODBC query source integration resolved.
 - Group children button on XML destination stays checked when saving integration.
 - Stored run log limit value is now enforced.
 - Duplicating a SQL change source no longer switches the database to the connection default.
- Web Service/API/Schedule
 - Real-time integrations no longer remove spaces after & symbol.
 - Fix to scheduler memory growing when using CRM and OLEDB sources and destinations on integrations.

- SmartConnect windows service no longer set to manual startup type on install.
- Upgrade Process
 - Salesforce source query message “could not determine login details” no longer occurs after upgrade to SC21.
- Configuration Tool
 - Instance is now set to active when using a database that had been deleted locally on an older version.
- Connections
 - Object reference error when registering a real time Salesforce source no longer occurs.
 - Salesforce OAuth change source now validates.
 - Salesforce to file option now shows data from all mapped entities.
 - Text folder source no longer processes incorrect files.
 - Text folder source previews correctly now when line feed characters are within the value of a field.
 - FTP text file source creates schema correctly now.
 - REST connection UrlEncodeForm option doesn't encode the = and & characters for keys now.
 - FTP destinations now send to correct sub folders.
 - FTP destination now errors correctly if a file exists.

21.1.0.947

- Application
 - XML destinations won't open or delete after upgrading from earlier versions.
 - Not able to save the character set value on text file and folder sources.
 - Pipe, tab, custom delimited files not working with folder sources.
 - Text folder sources not sending blank values to SQL destination correctly
 - Global variables not being added to an integration automatically when used on a source.
 - Extender windows only showing 15 fields.
- Connections
 - All fields in Salesforce queries being treated as strings.
 - Delete node not working with Salesforce destination.

21.1.0.931

- Application
 - SQL sources used in multi data sources contained unique IDs that caused a crash.
 - BC real-time integrations export/import error.
 - BC real-time integration Collection change type not processing.
 - Text folder data sources no longer use ODBC driver – 64 bit ODBC driver is not thread-safe.
 - SmartConnect service fails to start with invalid handle exception.

- Not able to select a return value on BC Odata field lookup additional columns.
- Connections
 - REST connection not able to save a long Scope.

21.1.0.911

- Configuration Tool
 - Special characters in SQL user password caused crash.
 - Unable to retrieve database schema when creating a new instance.
 - Unhandled exception error when configuring specific proxy settings.
- Web Service/API/Schedule
 - High memory usage on web service caused by CRM/CE real time data sources.
 - Window service would not start when account is in expired grace period.
- Upgrade Process
 - Specific maps not processing after an upgrade.
 - 2018 ODBC file sources create a new connection when upgrading.
 - XML destination maps would fail to upgrade.
- Import/Export
 - Imported CE real time integration does not process.
- Connectors
 - REST Connection with 2nd level child nodes fail.
 - URL Encoded Form does not validate unless formatted as JSON.
 - Switching BC instance does not refresh companies list.
 - Linked objects not checking SQL destinations with manually added connections.
 - Underscores in XML destination causes map failure.
 - Extender window note type would fail to add nodes to map.
 - REST definition for Item Count Path not saving correctly.
 - SOQL nested queries with parent relationships failing to validate.
 - CE/CRM entity lookups not returning a value when using the default value option in the return data.
 - Incorrectly reading SQL fields with trailing spaces.
- Application
 - In some instances, restricting records causes out of range error.
 - Use log checkbox becomes unchecked on repeated save/loads of map.
 - FTP path shows blank if using home directory.
 - XML folder source integrations would be categorized as Excel folder source integrations.
 - Selecting an XML transformation file window would not show xsl files.
 - XML folder source ignoring xsl files.

21.1.0.697

- Application
 - Salesforce Connection correctly works with a sandbox tenant if no production tenant exists.
 - Web request logs and re-runs no longer incorrectly throw an error.

21.1.0.643

- Application
 - Legacy REST connector special characters no longer break payloads.
 - Nodes can be re-ordered on the map setup screen.
 - Multi-data source allows queries to be edited directly.

21.1.0.628

- Application
 - Dynamics 365 CE token refresh when using regional discovery service.
 - Special characters properly escaped in REST connector.

21.1.0.601

- Web Service/API/Schedule
 - Weekly schedule setting wrong time.
- Application
 - FTP folder data sources are accessible.
 - JSON file source parsing incorrectly for certain scenarios.
 - JSON file path and name editing changes committing.
 - Popdock source throwing object reference error.
 - Secure global variables displaying correct values.
 - Message formatting for email tasks.
 - XML file destinations correctly executing.
 - ODBC connection strings can be viewed.
 - Salesforce Create Tests option now correctly stops when unmarked.
 - No longer can delete a REST provider that is in use.
 - Object reference error creating exchange token resolved.
- Import/Export
 - GP import – sequence contains no elements resolved.
 - Rest destination integration now imports all lines/mappings correctly.

21.1.0.471

- Web Service/API/Scheduler
 - Abort locked schedules beyond 4 hours.
- Application
 - SQL data source URL correctly set.

21.1.0.447

- Web Service/API/Scheduler
 - Monthly schedules getting incorrect dates when using “first” or “last” options.
 - Monthly schedules setting incorrect date when saved after an arbitrary UTC time.
 - Schedules not repeating correctly for the designated run time.
 - Schedules starting the following day when start time prior to current time on current day.
 - Specific scenarios causing schedules to skip to next run day before current day is complete.
- Application
 - Installer checks for correct .NET version.
 - GP destination maps with modified nodes running in incorrect order.
 - Secure global variable encryption changes.
 - Default REST data source parameters not applying.
 - Script tasks not validating on first attempt when using global variables.
 - Custom rolling column next number value blank after duplicating integration.
 - Trying to remove global variable that is in use prompts user with warning.
 - Syntax error on specific data source previews using “select top XX” statement.
 - No longer able to change entity in a real time source once the source is saved.
 - Added BC SaaS OAuth authentication due to web access key being deprecated.
- Upgrade Process
 - Grouped columns that are not mapped failed to upgrade.
 - GP nodes created/modified in node maintenance failed to upgrade.
- Connectors
 - Change sources not creating for specific Salesforce entities.
 - Salesforce change integrations not importing/exporting.
 - SFTP with key file failing to load directories.
 - FTP file type selection not allowing all file types.

21.1.0.395

- Configuration Tool
 - Entering an incorrect SmartConnect password when setting up an active instance causes incorrect messages to be displayed.
 - Re-connecting to a SmartConnect instance if the server no longer exists.
 - Plus signs in email addresses causing user accounts not to sync.
- Web Service/API

- Incorrect CRM DLL installed when API service is not included.
- GetMapList endpoint causing error in event log.
- Application
 - Salesforce destination integration target lines becoming unmapped in certain conditions.
 - Mapping to a GUID field type causes Fails to Convert String to GUID message.
 - Cannot edit a SQL connection if the original database is no longer available.
 - Scheduling processes not picking up next run date correctly in certain scenarios.
 - Unable to use multiple variables in a data source.
 - JSON file exports not processing correctly and JSON sources not validating when parent and child nodes have same name.
 - Data source minor fixes for runtime excel and text files and excel folder source options.
 - SFTP key file and default port number fixes.
 - Unable to uncheck the option set checkbox on CRM/CE change data sources.
- REST Connector
 - OAuth Access Token routing through incorrect callback URL.
 - REST parameters not being removed from the ConnectorInstance table and error on saving of parameters.
 - Exchange Token authentication process displaying generic error.
 - Duplicating a REST destination with multiple actions failing.
 - Generic REST service image not loading when no custom image chosen.

21.1.0.366

- Application
 - Updated the Microsoft Dynamics 365 Customer Engagement (Dynamics CRM Online) connector to handle the changes due to regional discovery services being disabled by Microsoft. OAuth Token support is now enabled.

21.1.0.279

- Configuration Tool
 - After entering an incompatible database then entering a correct database, could not tab to confirm password field.
 - Confirm password field is enabled after entering a database name that already exists.
 - Error when SQL Server Details are incorrect.
- Web Service/API
 - Runmapxml and Runmap methods failed when integration has calculation fields.

- Getmapxml and Getmapxml with variables fail if integration uses a restriction.
- Getmapxml and Getmapxml with variables fail if integration uses a calculation.
- Application
 - Default connection could not be used in scripts.
 - List option fields not importing correctly.
 - Multi data source linked sources not getting removed correctly.
 - If the Data Table Name on a multi data source has a space in it, then there are no fields to select in query builder.
 - Translation is not working when used within a GP Rolling column.
 - Was no way to dismiss the re-register process when the API service is not used.
 - Not able to save the nav soap connector without a domain.
 - CSV destination with commas in the source data.
 - Expanding the connector setup window irregularities.
 - Connector setup window open action.
 - Map window expands incorrectly.
 - BC failed records returning generic error message.
- Upgrade Process
 - Multiple schemas cause the upgrade process to fail.

21.1.0.183

- Configuration Tool
 - Configuration tool throwing an unhandled exception error when trying to use a database name that is an existing non-SmartConnect database.
 - Setting up a new instance to a previous database that failed to setup.
 - Configuration tool throwing an unhandled exception error when using the same user for SQL Server detail as the SmartConnect database.
- Web Service/API
 - GetAllData method does not return data for XML sources.
 - XSL styles not being applied to XML data source when using RunMapXML service endpoint.
- Application
 - Integrations using text file data source fails to import.
 - RunMapConsole throws an exception when executing.
 - Default SQL Connection error in script fails during execution with message “is not declared. It may be inaccessible due to its protection level.”
 - Password confirmation box not popping up when setting up a new user.
 - Choosing the Salesforce entity lookup before selecting an instance fails.

- EConnect DLLS not included for previous releases of GP.
- Missing DLL for older versions of Windows OS.