



KnowledgeSync Release Notes

V10.6.5



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General Notes

1.1 Install V10.6.5 of Knowledge Sync

For the latest features, ECI recommends customers uninstall previous versions of KnowledgeSync and install the current version 10.6.5. Databases will remain intact, and all data will be upgraded in place. See the [KnowledgeSync V10 Installation Manual](#) for all installation details about this and additional topics.

1.2 Safari browser update – MFGR03-1758

Apple's Safari® browser is not supported by KnowledgeSync.

Enhancements

Story Number	Functional Area	Description of the Issue
MFGR03-1798	Events	Update holidays for 2025
MFGR03-1874	Web Api Designer	Advanced JSON and Query String replacement

1.3 Update Holidays for 2025 – MFGR03-1798

Updated holiday and observances in the United States [for 2025](#). Holidays older than 2024 were deleted.

The screenshot shows a 'Holiday Schedule' interface with a search bar and a table of holidays. The table has columns for 'Description' and 'Holiday'. The 2024 holidays listed are New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. The 2025 holidays listed are New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. Each row has a red delete icon on the right. The interface also shows '1 - 13 of 13 items' and '20 items per page'.

1.4 Advanced JSON and Query string replacement (property outside JSON body) – MFGR03-1874

Users can now combine advanced JSON and query strings to execute the parameter type POST for web APIs (for example: use `url?queryString={value that does not exist in JSON body}` as a parameter):

The screenshot shows the 'Web API Designer' interface with tabs for 'Definition', 'Authorization', 'Parameters', 'Raw Response', and 'Response'. The 'Parameters' tab is active. On the left, there is a 'Variables' section with a search bar and a list of variables including date and time placeholders. On the right, there is a 'Parameter Type' dropdown set to 'Get or Post', a 'Key' field, and a 'Value' field. Below these fields are 'Add' and 'Cancel' buttons, and an 'Event Parameter' checkbox. At the bottom, there is a table with columns for 'Parameter Type', 'Name', 'Value', and 'Event Parameter'. The table contains three rows: 'Http Header' with 'Content-Type' and 'application/json', 'Query String' with 'test' and '{id}', and 'Request Body' with 'body' and '{ id: {id}, ... }'. Each row has a red delete icon on the right.

An example, shown on info-level KS Service **Logs** for *Application Events*:

```
new 1 x new 2 x KSService-ApplicationEvents-2024-11-19.log x
838 } - Total run number 1
839 2024-11-19 18:47:20,694 [INFO] [Thread - 4] - EventExecutionContext:SubstituteText - Translating text : MY-B2B-EINVOICE- 367 - Total run number 1
840 2024-11-19 18:47:20,697 [INFO] [Thread - 4] - EventExecutionContext:SubstituteText - Translating text : Books - Total run number 0
841 2024-11-19 18:47:20,754 [INFO] [Thread - 4] - WebApiExecutor:ExecuteWebApi - Web Api URL: https://api.mockfly.dev/mocks/505085d1-506c-487e-a8eb-dcdb79107e13
842 2024-11-19 18:47:20,756 [INFO] [Thread - 4] - WebApiExecutor:ExecuteWebApi - Web Api resource: Books - Method: POST
843 2024-11-19 18:47:20,758 [INFO] [Thread - 4] - WebApiExecutor:ExecuteWebApi - Web Api format: JSON
844 2024-11-19 18:47:20,777 [INFO] [Thread - 4] - WebApiExecutor:ExecuteWebApi - WebApi parameter - Name: body ; Value: {
845   "invoice": {
846     "id": " 367",
847     "issueDate": "2024-07-15",
848     "dueDate": "2024-07-15",
849     "invoiceTypeCode": "380",
850     "documentCurrencyCode": "USD",
851     "accountingSupplierParty": {
852       "party": {
```

See [Defect MFGR03-1357](#) and [1455](#) for more detail.

Customer Reported Issues

Defect Number	Functional Area	Description of the Issue
MFGR03-960	Events	KS sending out notifications at 1 a.m. for random events
MFGR03-1569	Events	Version 10 On Prem OAuth2 account does not attach files to emails
MFGR03-1576	Events	Field-level change events triggered by added records
MFGR03-1744	Reports	Crystal Report CVS settings not exporting
MFGR03-1757	Email	OAuth2 connection to O365
MFGR03-1892	Job Stream	Cannot update job streams with a different date format

2.1 KS sending out notifications at 1 a.m. for Random Events– MFGR03-960

A customer reported receiving emails at 1 a.m. for random events.

Order Proces... Picked Inventory ~ Order Number: 438509 Todays Date: 02/07/2024	Fri 2/23/2024 1:05 AM	69 KB
Order Proces... Picked Inventory ~ Order Number: 438538 Todays Date: 02/07/2024	Fri 2/23/2024 1:05 AM	76 KB
Order Proces... Picked Inventory ~ Order Number: 438524 Todays Date: 02/07/2024	Fri 2/23/2024 1:05 AM	77 KB
Order Proces... 74123 Closed Work Order Report S/O# 438376 ... This data and the inventory is based on the Serial Lot Master, if the item is Neither, (is not tracked by LOT or Ser	Sun 2/18/2024 1:04 AM	45 KB
Order Proces... Picked Inventory ~ Order Number: 438242 Todays Date: 02/02/2024	Sun 2/18/2024 1:04 AM	84 KB

Defect resolved: Problem was identified as SSRS reports were not run and the emails for those reports were pending. When the system ran maintenance at night, the package table was large and looked like an error. Clean-up process (for package and out table) was reset, tested with a report and email. Issue resolved.

2.2 On-Premises OAuth2 account not attaching files to emails – MFGR-03-1569

When using an OAuth2 account on prem, files are not attached to emails when using the attachment_files/ "Include the files as email attachments" feature. Emails were sent without files. However, the files were delivered if the client defined the file in a file deliverable or if it was generated from a Crystal Report.

Defect resolved: Created a new event, added an email alert and selected a sender. Entered a value in the email, marked the option "Include files as email attachments" and added a valid subscriber. Executed the event and email received with the attachment.

2.3 Field-level change events triggered by added records – MFGR03-1576

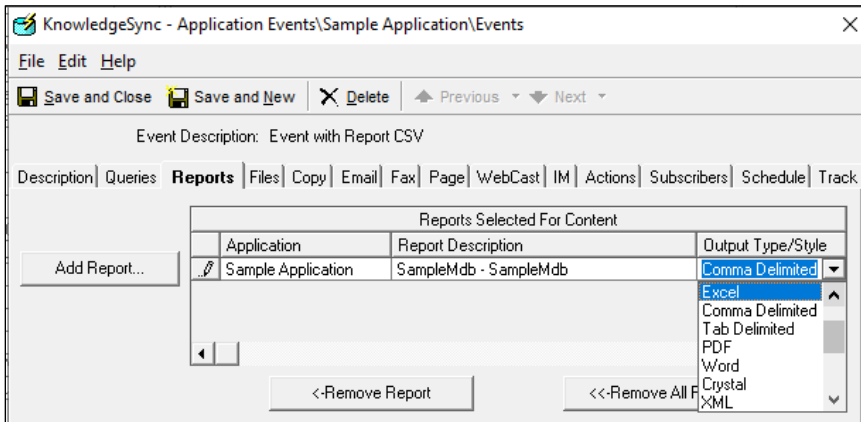
When running an event for change tracking, adding a new record triggered and sent an email for the new record. To reproduce this error, a change tracking event was created and ran to build a change table. This did not trigger any emails. A record was added to the database where changes were tracked, and the change event was triggered again which produced an email for the new record.

Defect resolved: Only existing records are triggered if they have a change in value.

2.4 Crystal Report CVS settings not exporting out of KS – MFGR03-1744

A customer was running Crystal 13.0.20 and then upgraded Macola, which upgraded her runtimes to 13.0.30. A delimited report that ran correctly in 13.0.20 now is running comma separated and uses "" in the resulting file.

Defect resolved: Offered several solutions to customer, including changing export options, changing report default configuration or add an input to add the delimiter as an option in report type:



2.5 Cannot update job streams with different date format – MFGR03-1892

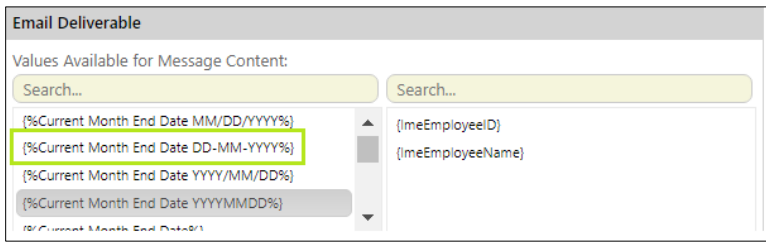
A customer gets an error on the date field when attempting to update a Job Stream record that has a different date format. The customer believes this may be a problem with the British date format conversion and occurs when the day value is greater than 12 since that would be a month in the European format and cause the problem.

Defect resolved: Users need to change browser settings: Browser > Settings > Language > preferred language

European format for date variables added:

Date Variables	
American	European
%Current Date MM/DD/YYYY%	%Current Date DD/MM/YYYY%
%Yesterday Date MM/DD/YYYY%	%Yesterday Date DD/MM/YYYY%
%Next Week Date MM/DD/YYYY%	%Next Week Date DD/MM/YYYY%
%Last Week Date MM/DD/YYYY%	%Last Week Date DD/MM/YYYY%
%Tomorrow Date MM/DD/YYYY%	%Tomorrow Date DD/MM/YYYY%
%Last Monday Date MM/DD/YYYY%	%Last Monday Date DD/MM/YYYY%
%Last Tuesday Date MM/DD/YYYY%	%Last Tuesday Date DD/MM/YYYY%
%Last Wednesday Date MM/DD/YYYY%	%Last Wednesday Date DD/MM/YYYY%
%Last Thursday Date MM/DD/YYYY%	%Last Thursday Date DD/MM/YYYY%
%Last Friday Date MM/DD/YYYY%	%Last Friday Date DD/MM/YYYY%
%Last Saturday Date MM/DD/YYYY%	%Last Saturday Date DD/MM/YYYY%
%Last Sunday Date MM/DD/YYYY%	%Last Sunday Date DD/MM/YYYY%
%Next Monday Date MM/DD/YYYY%	%Next Monday Date DD/MM/YYYY%
%Next Tuesday Date MM/DD/YYYY%	%Next Tuesday Date DD/MM/YYYY%
%Next Wednesday Date MM/DD/YYYY%	%Next Wednesday Date DD/MM/YYYY%
%Next Thursday Date MM/DD/YYYY%	%Next Thursday Date DD/MM/YYYY%
%Next Friday Date MM/DD/YYYY%	%Next Friday Date DD/MM/YYYY%
%Next Saturday Date MM/DD/YYYY%	%Next Saturday Date DD/MM/YYYY%
%Next Sunday Date MM/DD/YYYY%	%Next Sunday Date DD/MM/YYYY%
%Next Qtr Start Date MM/DD/YYYY%	%Next Qtr Start Date DD/MM/YYYY%
%Next Qtr End Date MM/DD/YYYY%	%Next Qtr End Date DD/MM/YYYY%
%Last Qtr Start Date MM/DD/YYYY%	%Last Qtr Start Date DD/MM/YYYY%
%Last Qtr End Date MM/DD/YYYY%	%Last Qtr End Date DD/MM/YYYY%
%Next Month Start Date MM/DD/YYYY%	%Next Month Start Date DD/MM/YYYY%
%Next Month End Date MM/DD/YYYY%	%Next Month End Date DD/MM/YYYY%
%Last Month Start Date MM/DD/YYYY%	%Last Month Start Date DD/MM/YYYY%
%Last Month End Date MM/DD/YYYY%	%Last Month End Date DD/MM/YYYY%
%Current Month Start Date MM/DD/YYYY%	%Current Month Start Date DD/MM/YYYY%
%Current Month End Date MM/DD/YYYY%	%Current Month End Date DD/MM/YYYY%
%Current Qtr Start Date MM/DD/YYYY%	%Current Qtr Start Date DD/MM/YYYY%
%Current Qtr End Date MM/DD/YYYY%	%Current Qtr End Date DD/MM/YYYY%

Option included in the predefined values in UI when selecting a variable for email deliverables so user can choose desired format:



Resolved Defects

Defect Number	Functional Area	Description of the Issue
MFGR03-1357 and 1455	Events	Web API/advanced JSON showing invalid numeric values on Macola template with single and multiple invoices
MFGR03-1370	Email	Downloaded messages in HTML format are stored without HTML tags for Gmail Oauth2.0 accounts
MFGR03-1700	Query	Column containing single quote producing an error when Submit SQL is executed
MFGR03-1758	System Reqs.	Safari browser

3.1 Web API/advanced JSON template of Macola with singular invoice showing invalid numeric variables – MFGR03-1357 and 1455

Single invoice: Numeric variables are replaced in deliverable when Web API with advanced JSON template is used. Numeric values in JSON were not replaced if they didn't have a double quotation. KS was also overwriting an array inside an array in advanced Web API Json and was repeating values and information. Multiple invoices were generated from JSON templates showing that some values were repeated on some invoices, not retrieving correct information or not showing some values at all.

The screenshot shows the 'Application Events' monitor interface. A table lists events with columns for ID, Application, Event Description, Priority, Error, Created, and Changed. The selected event (ID 50) has the following details:

ID	Application	Event Description	Priority	Error	Created	Changed
50	Web API - Advanced JSON	Mock with Issue: Data table to Json curly brackets - NetSuite	S	-2146233088	7/23/2024, 11:07:14 AM	7/23/2024, 11:08:30 AM

The error message displayed is: "Invalid JavaScript property identifier character: ', Path 'invoice.invoiceLine[0].invoicedQuantity', line 8, position 52."

Defect resolved: Updated and changed JSON variables in each and re-executed all invoices. Validation and number change was updated in branch in v10.

3.2 Downloaded messages in HTML format are stored without HTML tags for Gmail OAuth2

When using a Gmail Oauth2 account to download messages and the *Message format* option to store messages downloaded is *HTML*, messages are stored in the database without the HTML tags. Stored the same as Plain text but in a different column.

The screenshot shows a database table with columns: user_name, version, web_site, created_version, created_dt, upsize_ts, and html_message. The data rows show messages stored in plain text format instead of HTML. A red box highlights the 'html_message' column for several rows, showing the following content:

```

lmeEmployeeID lmeEmployeeName lmeHireDate lmeWorkEmailAddress ...
[cid:imageAttached]
lmeEmployeeID lmeEmployeeName lmeHireDate lmeWorkEmailAddress ...
See Files Attached - 7/30/2024 2:15 AM
Currency Fomats Currency values are formatted according to the regional ...
[cid:imageAttached]
lmeEmployeeID lmeEmployeeName lmeHireDate lmeWorkEmailAddress ...
See Files Attached - 7/30/2024 3:15 AM
Currency Fomats Currency values are formatted according to the regional ...
    
```

Defect resolved: Messages stored with HTML tags.

3.3 Column with a single quote produces an error when Submit SQL is executed – MFGR03-1700

A column that contained a single quote (') was throwing an error when Submit SQL was executed.

Defect resolved: Queries returning values with single quotes contained in the columns. Events no longer fail if a column used has a single quote.