

# Syniti Solutions psaSAPConfiguration

## Installation, Configuration & User Guide

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## Overview

psaSAPConfiguration has two key features to help project work with SAP Data Migration. The first part is using SPRO to find “optional” fields - turned “required” - based upon SAP Configuration. The second part is the ability to compare two SAP Systems looking for different configuration values. The process can also be used to compare SAP ERP to MDG where the configuration should be identical. This application saves critical time during load cycles and initial configuration.

### Key Features:

1. Ability to extract across SPRO configurations from multiple SAP systems.
2. Activate or Deactivate the Auto Generation of SPRO rules and reports
3. Logging all data errors for fields found “required” based upon user configuration
4. Compare processes looking for configuration differences
5. Compare has list builder for tables and columns
6. Compare processes ability to exclude columns like dates and user id that are often different
7. Compare uses the output from the collect table downloads.
8. Compare processes can be used for Master Data tables looking at MDG and SAP ERP systems.

## Install psaSAPConfiguration

The application can be installed on Syniti Solutions DSP versions 7.0.1 and above

### Download the Application & License

The psaSAPConfiguration application and/or license are obtained by opening a support ticket at [support.syniti.com](http://support.syniti.com).

Perform the following steps to retrieve the necessary information for a license request:

1. On the DSP application server, locate the Hardware Identifier program (called “**HardwareIdentifier.exe**”) included in a zip file along with the DSP installation software and documentation previously downloaded from Syniti.
2. Open the program.
3. Click **Generate**.
4. Copy the automatically generated ID and collect the following additional information. All information below pertains to the application server running DSP; no information is needed regarding the database server:
  - a. Hardware ID (as mentioned above)
  - b. Windows computer name
  - c. Number of processor cores (as shown in the Task Manager CPU tab)

- d. Usage of the DSP instance, as in, DEV, TEST (or QA) or PROD
5. Syniti Licensing will deliver the license file via the support ticket.

## Install the License

Perform the following steps to install the license:

1. Log in to the DSP site as an Administrator.
2. Select **Admin > Configuration > Product Licenses** in the Navigation pane.
3. Click the Upload a file icon in the **FILE NAME** column next to the Upload a New Product License link.
4. Locate the license file that was provided by Syniti Licensing.
5. Click **Open**.
6. Verify the license is uploaded.
  - a. **NOTE:** If the Navigation pane does not display all the licensed components as expected, use the browser refresh button or the F5 key to refresh the screen. At this point the full vertical menu will appear.

## Install the Application

Perform the following steps to install the application:

- 1) Right click on **psaSAPConfigurations.zip** and go to **Properties**. Ensure to unblock the file if it is blocked.
- 2) Unzip the file
- 3) Navigate to the DSP Installation folder (e.g. D:\BOA\DSP or C:\Program Files (x86)\BOA\DSP)
- 4) Back up the DSP Install\BOA\DSP folder to a compressed zip file
- 5) Back up all Syniti-supplied SQL Server databases or verify that a complete recent backup already exists
  - a) Supplied databases: AutoGen, cMap, cMap\_Data, cMass, cMass\_Data, Console, CranPort, CranSoft, DataConstructionServer, DataDialysis, DataGarage, DBMoto\_Client, DGE, DGE\_Data, dgReports, dgSAP, dspAddOn, DSPCommon, dspMonitor\_AccPak, dspMonitorConfig, DSW, IGC, Integrate, IntegrateStaging, InterfaceServer, MC, & RADToolkit
- 6) Stop IIS
 

This process disconnects all active DSP users, so it is highly recommended to perform the install when no users are on the system. This process stops IIS on the web server.

  - a) Open Windows *Start* Menu.
  - b) Open the **Command Prompt** (run as an administrator).
  - c) Type: **IISReset -stop**.

- d) Press the **Enter** key.
  - e) Leave the Command Prompt window open for later use.
- 7) Stop all services that start with “Cransoft Service ...”
- This process stops all DSP background jobs, so it is highly recommended to perform the install when no scheduled operations are running on the system.
- a) Open Windows *Start* Menu.
  - b) Select **Administrative Tools**.
  - c) Run **Services**.
  - d) Right-click the DSP service.
  - e) Select **Stop**.
  - f) Repeat the previous two steps for any additional DSP services.
- 8) Copy the **Web** folder from the zip file to your existing DSP install\Web folder. If prompted, replace the files in the destination.
- 9) Copy the **Databases** folder from the zip file to your existing DSP install\Databases folder. If prompted, replace the files in the destination.
- 10) Navigate to DSP install\Databases and execute file **psaSAPConfiguration\_Install.bat** (run as an administrator)
- 11) Start all services that start with “Cransoft Service ...”
- a) Open Windows *Start* Menu.
  - b) Select **Administrative Tools**.
  - c) Run **Services**.
  - d) Locate the DSP service(s).
  - e) Right-click the DSP service.
  - f) Select **Start**.
  - g) Repeat the previous two steps for any additional DSP services.
- 12) Start IIS
- a) Open Windows *Start* Menu.
  - b) Open the **Command Prompt** (run as an administrator).
  - c) Type: **IISReset -start**.
  - d) Press the **Enter** key.

## Checklist - SPRO

1. Download the required configuration table in collect
2. Click Build Configuration in psaSAPConfiguration to build out the local settings
3. Click Activate AutoGen process so the process will be created when Targets are generated.
4. Click Target Create in Auto Gen
5. Click Target Create Reports in Auto Gen
6. Verify the SPRO report and SPRO stored procedure were generated correctly
7. Execute the Target in Transform and a report of errors will appear at the end of the process.
8. psaSAPConfiguration will store the errors found via the Transform target stored procedure.
9. Developer should review the results with the users and get better requirements to update these values.

SAP tables required for SPRO process. (T001, T077D, T077K, T077X, T077Y, T078D, T078K, T079K, T130A, T130F, T130W, T133F, T134, T137, TMODU, TSTC, TSTCT)

## Checklist - SAP Compare

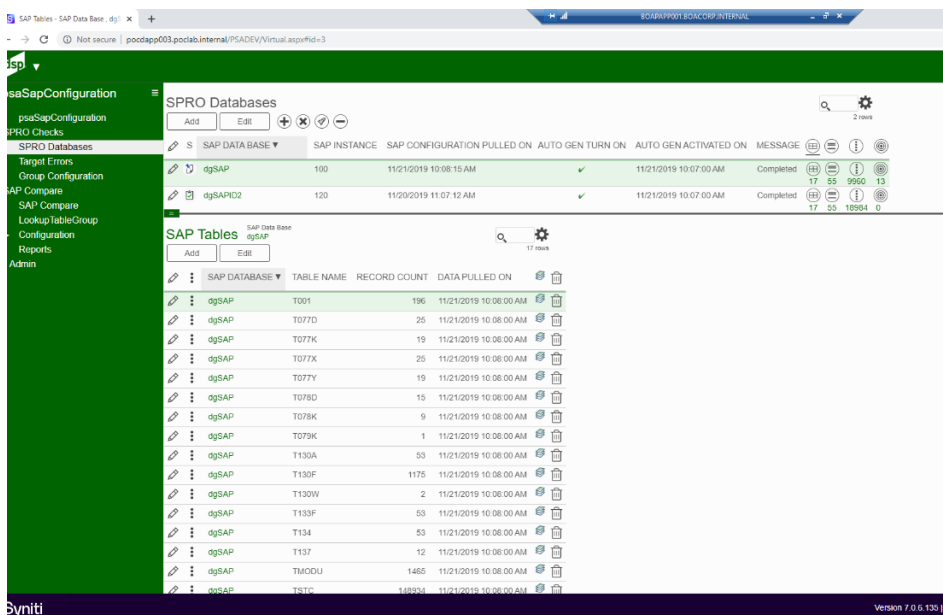
1. Download Target A tables into a local SQL SERVER database
2. Download Target B tables into a local SQL SERVER database
3. Build Lookup Group Table list using wild card entry, Collect Group or manual entry
4. Build the exclude table column process to remove columns to be excluded
5. Create an entry in the SAP Compare web page and select Target A and B and LookupTableGroup
6. Click the load tables toolbar so the compare has a table list to process.
7. Click submit compare to start the process running in the background.
8. Click on tables to review table results from the compare.
9. Go back to Lookup Table Column exclude if the results are finding differences in fields that do not matter.

## Checklist - SP SPRO Databases

SPRO Database can handle multiple configuration for different SAP environments. Click add database and then Build Configuration to load configuration and SPRO SAP Fields that are marked as required.

These tables must be downloaded via Collect before performing Build Configuration task. The Remove Database will remove the configuration tables and the SAP SPRO fields but it will not remove any changes to the Transform Targets.

Activate Auto Generate is a process to add SPRO Target generation during the Auto Gen build target execution. De-Activate Auto Gen will remove future Target being generated. It will not remove Targets already generated.



### Image Definitions:

Image	Description of the process
	Build SAP Configuration for selected database for SPRO
	Removes all SAP Configuration for selected database.
	Activate the Auto Gen process for building new Targets with SPRO rules and reports.
	Deactivate the Auto Gen process so no new Target will have SPRO rules or reports.
	Link to show SAP tables with record counts used to build the SPRO configuration
	Link to show all the category tables that are active in the application.
	Link to show all SAP SPRO fields for the current database configuration.
	Link to show all Targets with SPRO reports and rules generated

## Targets – Error Log

Targets generated with SPRO rules and reports will display results on this page. All errors will show the count in the first image and a link to Transform will be the second image. A user can regenerate the reports or remove reports from this page. There is a time stamp the last time each set of errors were generated. The errors will remain in the database until a user removes them or the target runs without errors.

The screenshot displays the Syniti application interface. On the left is a navigation menu with options like 'psaSapConfiguration', 'SPRO Checks', 'SPRO Databases', 'Target Errors', 'Group Configuration', 'SAP Compare', 'LookupTableGroup', 'Configuration', 'Reports', and 'Admin'. The main area is divided into two sections:

**Targets:** A table with columns: CATEGORY, WAVE PROCESS AREA OBJECT, TARGET, TARGET DATABASE, SAP DATABASE, REPORT GENERATED ON, ERRORS GENERATED ON. It lists several targets for 'Customers' and 'Materials' with their respective error counts.

**Error Log:** A table with columns: DATABASE NAME, TABLE NAME, PRIMARY KEY, COLUMN NAME, ERROR MESSAGE, ERROR DATE TIME, ID. It shows a list of errors with the message 'AKONT is required but missing a value'.

### Image Definitions:

Image	Description of the process
	Rebuild SPRO Reports and Rules for the selected Target
	Removes SPRO Reports and Rules from the selected Target.
	Deletes selected error rows from the log.
	Deletes all records from the log.



## Checklist - SP Category – Group Fields

Categories are created to help build a list of tables for the SPRO process. The Customer, Material and Vendor categories come pre-defined to extract the optional fields marked required based upon SAP Configuration. Tables like ADRC may be in more than one category since addresses apply to both customers and vendors. The Join Add On is an added feature to be built in the views.

Note: Categories have special logic behind them to extract the configuration. If a new category is created, the extract logic must also be developed.

The screenshot displays the 'SPRO Group Field Identifier' application. The left sidebar contains navigation options: psaSapConfiguration, SPRO Checks, SPRO Databases, Target Errors, SAP Compare, SAP Compare, LookupTableGroup, Configuration, Reports, and Admin. The main content area is titled 'Group Configuration' and shows a list of categories: Customers (29 rows), Materials (7 rows), and Vendors (19 rows). Below this, the 'SPRO Group Field Identifier' table is shown for the 'Customers' category, listing various table names and their configurations.

Category	TABLE NAME	GROUP IDENTIFIER	PARENT TABLE	JOIN ADD ON
Customers	tt*KNVP			
Customers	tt*RF02D			
Customers	ttADR6	KTOKD	ttKNA1	
Customers	ttADRC	KTOKD	ttKNA1	AND child zLegacyKUNNR = dbo ttKNA1.zLegacyKUNNR
Customers	ttADRCT	KTOKD	ttKNA1	
Customers	ttADRP	KTOKD	ttKNA1	
Customers	ttBSEG	KTOKD	ttKNA1	
Customers	ttBSEZ	KTOKD	ttKNA1	
Customers	ttKNA1	KTOKD		
Customers	ttKNAT	KTOKD	ttKNA1	
Customers	ttKNB1	KTOKD	ttKNA1	
Customers	ttKNB5	KTOKD	ttKNA1	
Customers	ttKNBK	KTOKD	ttKNA1	
Customers	ttKNBU	KTOKD	ttKNA1	

## Configuration Table

SPRO configuration tables are used to find all the required fields. These values are loaded for each database selected and generated when Build Configuration is clicked. Tables can be added to the list but extraction logic will need to be developed.

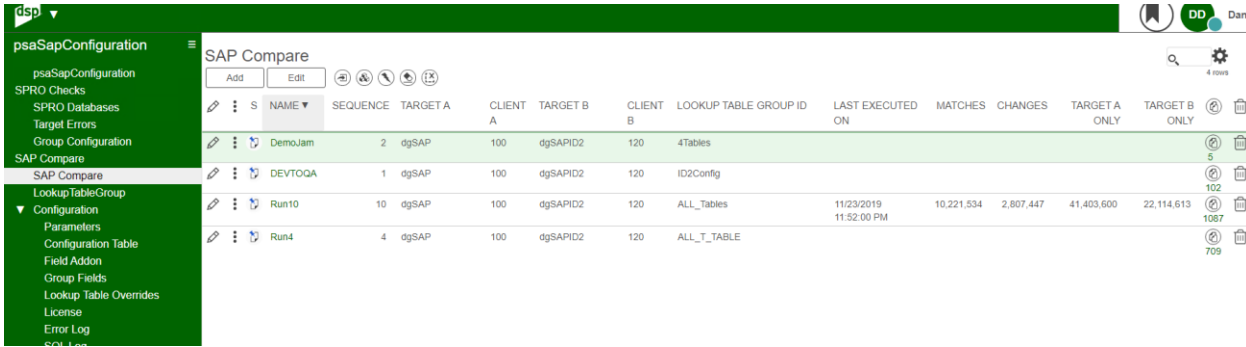
The screenshot displays the 'Configuration Table' management interface. On the left is a navigation menu with categories like 'psaSapConfiguration', 'SPRO Checks', 'SAP Compare', and 'Configuration'. The main area shows a table with 17 rows. The table has two columns: 'TABLE NAME' and 'WHERE CLAUSE'. Each row also contains an edit icon (pencil) and a delete icon (trash). The table 'T001' is currently selected and highlighted in green.

TABLE NAME	WHERE CLAUSE
T001	WHERE [MANDT] = '#SAPINSTANCE#'
T077D	WHERE [MANDT] = '#SAPINSTANCE#'
T077K	WHERE [MANDT] = '#SAPINSTANCE#'
T077X	WHERE [MANDT] = '#SAPINSTANCE#' AND SPRAS = 'E'
T077Y	WHERE [MANDT] = '#SAPINSTANCE#' AND SPRAS = 'E'
T078D	WHERE [MANDT] = '#SAPINSTANCE#'
T078K	WHERE [MANDT] = '#SAPINSTANCE#'
T079K	WHERE [MANDT] = '#SAPINSTANCE#'
T130A	WHERE [MANDT] = '#SAPINSTANCE#'
T130F	WHERE [MANDT] = '#SAPINSTANCE#'
T130W	WHERE [MANDT] = '#SAPINSTANCE#'
T133F	WHERE [MANDT] = '#SAPINSTANCE#'
T134	WHERE [MANDT] = '#SAPINSTANCE#'
T137	WHERE [MANDT] = '#SAPINSTANCE#'
TMODU	
TSTC	
TSTCT	WHERE [SPRSL] = 'E'



## SAP Compare

SAP Compare is designed to compare two SAP systems either for Master Data or Configuration Data. Collect must download the data into a local SQL SERVER Database. Add a compare, select Target A and Target B with the correct client values. Load the tables to be compared from the LookTableGroup. Submit the compare to run in the background.

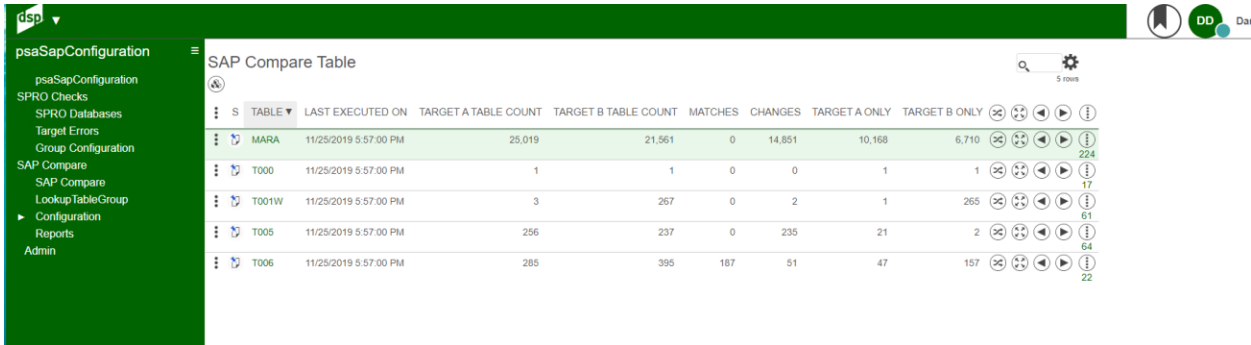


### Image Definitions:

Image	Description of the process
	Load tables for comparison that will be executed.
	Submit compare to the background queue to find all difference in the tables
	Refresh the collect tables that are in Target A and Target B so a new compare can be executed after the downloads.
	Delete table results for the selected compare process.
	Delete all tables results for all compares on the page.
	Link to show all table comparison results.

## Compare Table

Compare Table shows the record counts in the Target A, Target B, Matching records, Change records, Target A only records and Target B only records. Click the link to see the values in those categories. The Fields image will show all the fields used in the compare. It will show how many changes were found in that field. Fields can be marked as exclude in the Lookup Table Group pages. Tables can be submitted one at a time via this page or submitted as an entire group from the Compare page.



### Image Definitions:

Image	Description of the process
	Submit table for comparison.
	View matching data records in both Target A and Target B
	View change data records showing values in Target A and Target B
	Show Target A only records
	Show Target B only records
	Link to Compare Table Fields for the current table.

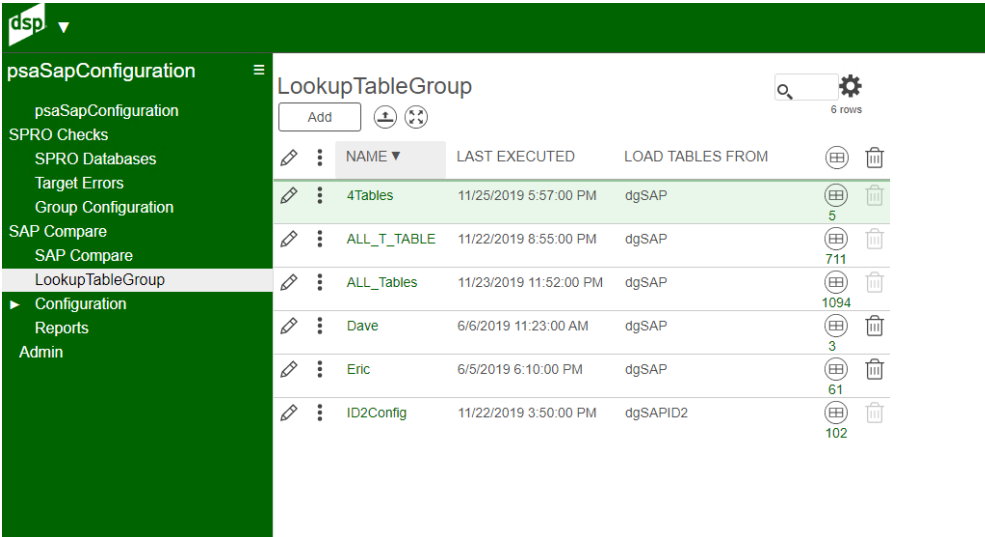
## Compare Table Fields

Compare table fields shows the active columns used in the compare process. It will display the total number of changes found per field. Date and User id fields are often excluded from the compare process so the important data fields can be compared. Lookup Table Group Tables will store the excluded columns for each table. The load tables on the compare will add or remove the fields from the configuration.

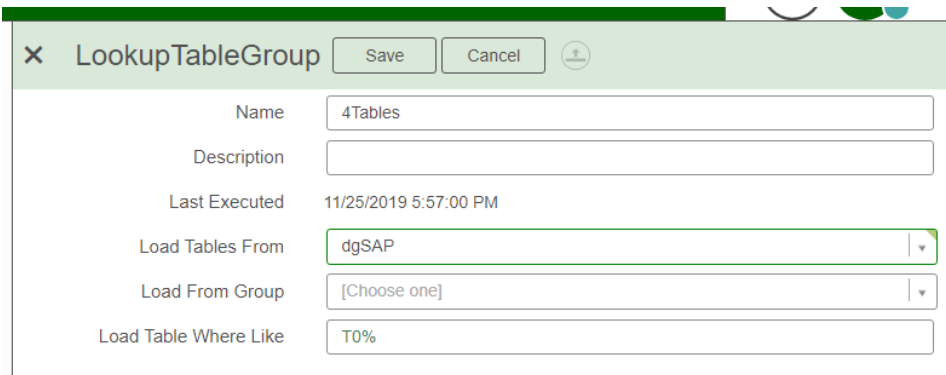
FIELD ORDER	TABLE	FIELD	CHANGE COUNT	KEY FIELD	LAST EXECUTED ON
2	MARA	MATNR		✓	11/25/2019 5:57:00 PM
7	MARA	VPSTA	14838		11/25/2019 5:57:00 PM
8	MARA	PSTAT	14835		11/25/2019 5:57:00 PM
9	MARA	LVORM	148		11/25/2019 5:57:00 PM
10	MARA	MTART	51		11/25/2019 5:57:00 PM
11	MARA	MBRSH	34		11/25/2019 5:57:00 PM
12	MARA	MATKL	11674		11/25/2019 5:57:00 PM
13	MARA	BISMT	5501		11/25/2019 5:57:00 PM
14	MARA	MEINS	29		11/25/2019 5:57:00 PM
15	MARA	BSTME	62		11/25/2019 5:57:00 PM
16	MARA	ZEINR	4		11/25/2019 5:57:00 PM
17	MARA	ZEIAR	3		11/25/2019 5:57:00 PM
18	MARA	ZEIVR	3		11/25/2019 5:57:00 PM
19	MARA	ZEIFO	0		11/25/2019 5:57:00 PM
20	MARA	AESZN	0		11/25/2019 5:57:00 PM
21	MARA	BLATT	0		11/25/2019 5:57:00 PM
22	MARA	BLANZ	0		11/25/2019 5:57:00 PM
23	MARA	FERTH	110		11/25/2019 5:57:00 PM
24	MARA	FORMT	1		11/25/2019 5:57:00 PM
25	MARA	GROES	1688		11/25/2019 5:57:00 PM

## Lookup Table Group

Lookup Table groups are created on this page. Tables can be manually entered or loaded from a local SQL SERVER Database. The Vertical View will have table filter so many tables can be loaded with a quick selection.



Load From Group is a matching group name from Collect and the process will load all the tables in that group. Load Table where like clause can be a wild card to find all tables that start with a character combination.



### Image Definitions:

Image	Description of the process
	Upload Table list from the database or Collect Group with columns from the database.
	Exclude all Table and column found matching values in lookup table override
	View tables defined for the current group.

## Lookup Table Group Table

Tables in the Lookup Table Group are listed here. Click on the field counts to see the fields for each table. Users can add tables manually and click the load fields on toolbar to get the fields populated.

The screenshot displays the 'LookupTableGroupTable' configuration page. The left sidebar shows the navigation menu with 'LookupTableGroup' selected. The main area contains a table with the following data:

TABLE	DESCRIPTION	LAST EXECUTED	Field Count
MARA		11/25/2019 5:57:00 PM	261
T000		11/25/2019 5:57:00 PM	17
T001W		11/25/2019 5:57:00 PM	64
T005		11/25/2019 5:57:00 PM	65
T006		11/25/2019 5:57:00 PM	23

### Image Definitions:

Image	Description of the process
	Load fields for selected table reading the SQL SERVER database table definition.
	Link to Table Fields for the current table.



## Checklist - SP Lookup Table Group Table Field

Lookup Table Group will contain field information. This field can be deleted from this page. The click Load Tables on the compare page to refresh the list of columns. Fields marked as excluded will not show table column page in the comparison. Key columns must be marked in each table to perform the compare correctly.

Fields with datatype other than character will be casted to character values. Lookup Table Overrides will mark fields excluded on this page if the table and column name exist in that table.

FIELD	FIELD ORDER	DATA TYPE	KEY FIELD	CLIENT FIELD	EXCLUDE	DESCRIPTION
MANDT	1	nvarchar	✓	✓		
MTEXT	2	nvarchar				
ORT01	3	nvarchar				
MWAER	4	nvarchar				
ADRNR	5	nvarchar				
CCCATEGORY	6	nvarchar				
CCCORACTIV	7	nvarchar				
CCNOCLIIND	8	nvarchar				
CCCOPYLOCK	9	nvarchar				
CCNOCASCAD	10	nvarchar				
CCSOFTLOCK	11	nvarchar				
CCORIGCONT	12	nvarchar				
CCIMAILDIS	13	nvarchar				
CCTEMPLOCK	14	nvarchar				

## Lookup Table Overrides

SAP Compare will compare two tables in two different databases. There are times where User Name and Data entry should be skipped for comparison reasons. This page will allow users to configure all excluded columns. Tables may not have a key defined on the tables so this process will allow key field overrides as well. Timestamps and Sequence number are often skipped as well.

The Lookup Table Group page has the toolbar to apply the global exclude columns to that group.

The screenshot displays the 'Lookup Table Overrides' configuration page. On the left is a navigation menu for 'psaSapConfiguration'. The main area shows a table with the following columns: TABLE, FIELD, KEY FIELD, EXCLUDE, and COMMENTS. There are 'Add' and 'Edit' buttons at the top, along with a search icon and a gear icon indicating '8 rows'.

TABLE	FIELD	KEY FIELD	EXCLUDE	COMMENTS
MARA	AENAM	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
MARA	ERNAM	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
MARA	ERSDA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
MARA	LAEDA	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
TEXT_SAP	SequenceNo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
TEXT_SAP_KNA1	SequenceNo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
TEXT_SAP_MATERIAL	SequenceNo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
TEXT_SAP_MVKE	SequenceNo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

## Parameters

Parameter page shows the whether AutoGen has been turned on and at what time. AutoGen must be turned on for new target SPRO rules & reports to be generated. The Compare table to background size is used by the SAP Compare when large tables are push into a single thread mode so small tables can be compared immediately.

The screenshot displays the 'Parameters' configuration page. On the left is a navigation menu with the following items: psaSapConfiguration, SPRO Checks, SPRO Databases, Target Errors, Group Configuration, SAP Compare, SAP Compare, LookupTableGroup, Configuration (expanded), Parameters (selected), Configuration Table, Field Addon, Group Fields, Lookup Table Overrides, License, Error Log, SQL Log, Reports, and Admin. The main content area is titled 'Parameters' and includes an 'Edit' button, a search icon, and a gear icon labeled '1 rows'. Below this is a table with the following data:

EDIT	AUTO GEN TURN ON	AUTO GEN ACTIVATED ON	COMPARE TABLE TO BACKGROUND SIZE
	✓	11/21/2019 10:07:00 AM	1200000

## Error Log

psaSAPConfiguration stores all data errors for targets activated for the SPRO process. The data will appear in target reports in Transform. The records can be deleted by selected row or delete all to reset the error cache.

DATABASE NAME	TABLE NAME	PRIMARY KEY	COLUMN NAME	ERROR MESSAGE	ERROR DATE TIME	ID
dswLewis	ttKNB1	CA01 0000000002 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210309
dswLewis	ttKNB1	CA01 C000023319 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210310
dswLewis	ttKNB1	CA01 C000023322 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210311
dswLewis	ttKNB1	CA01 C100000001 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210312
dswLewis	ttKNB1	CA01 C800000001 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210313
dswLewis	ttKNB1	CA01 C900000001 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210314
dswLewis	ttKNB1	CA01 C900000007 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210315
dswLewis	ttKNB1	CA01 C900000008 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210316
dswLewis	ttKNB1	CA01 C900000009 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210317
dswLewis	ttKNB1	CA01 C900000010 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210318
dswLewis	ttKNB1	CA01 C900000011 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210319
dswLewis	ttKNB1	CA01 C900000013 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210320
dswLewis	ttKNB1	CA01 C900000014 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210321
dswLewis	ttKNB1	CA01 C900000015 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210322
dswLewis	ttKNB1	CA01 C900000016 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210323
dswLewis	ttKNB1	CA01 C900000017 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210324
dswLewis	ttKNB1	CA01 C900000018 Test	AKONT	AKONT is required but missing a value	11/23/2019 10:37:00 PM	210325

### Image Definitions:

Image	Description of the process
	Delete selected row in Error Log records stored in the table.
	Delete all Error Log records stored in the table.

## SQL Generate Log

SQL generate during processing can be viewed for debugging processes on this page. The delete all toolbar will empty the table.

ID	SQL	TABLENAME	LOG DATE
66674	UPDATE [dbo].[ztCompareTable] SET [TargetBOnly] = (SELECT COUNT(*) FROM dbo.[C2_MARA_Only_dgSAPID2] ) WHERE [CompareTableID] = '2C9A5160-6444-45C2-8BEA-2C0DB22D5AD3'	MARA	11/25/2019
66673	UPDATE [dbo].[ztCompareTable] SET [TargetAOnly] = (SELECT COUNT(*) FROM dbo.[C2_MARA_Only_dgSAP] ) WHERE [CompareTableID] = '2C9A5160-6444-45C2-8BEA-2C0DB22D5AD3'	MARA	11/25/2019
66672	UPDATE [dbo].[ztCompareTable] SET [Changes] = (SELECT COUNT(*) FROM dbo.[C2_MARA_ChangesByField] ) WHERE [CompareTableID] = '2C9A5160-6444-45C2-8BEA-2C0DB22D5AD3'	MARA	11/25/2019
66671	UPDATE [dbo].[ztCompareTable] SET [Matches] = (SELECT COUNT(*) FROM dbo.[C2_MARA_Match] ) WHERE [CompareTableID] = '2C9A5160-6444-45C2-8BEA-2C0DB22D5AD3'	MARA	11/25/2019
66670	ALTER TABLE dbo.[C2_MARA_Only_dgSAPID2] DROP COLUMN DSPFLagIND	MARA	11/25/2019
66669	ALTER TABLE dbo.[C2_MARA_Only_dgSAP] DROP COLUMN DSPFLagIND	MARA	11/25/2019
66668	ALTER TABLE dbo.[C2_MARA_Changes] DROP COLUMN DSPFLagIND	MARA	11/25/2019
66667	SELECT [MATNR], CASE WHEN [TargetA_VPSTA] <=> [TargetB_VPSTA] THEN 1 ELSE 0 END AS [VPSTA], CASE WHEN [TargetA_PSTAT] <=> [TargetB_PSTAT] THEN 1 ELSE 0 END AS [PSTAT], CASE WHEN [TargetA_LVORM] <=> [TargetB_LVORM] THEN 1 ELSE 0 END AS [LVORM], CASE WHEN [TargetA_MTART] <=> [TargetB_MTART] THEN 1 ELSE 0 END AS [MTART], CASE WHEN [TargetA_MBRSH] <=> [TargetB_MBRSH] THEN 1 ELSE 0 END AS [MBRSH], CASE WHEN [TargetA_MATKL] <=> [TargetB_MATKL] THEN 1 ELSE 0 END AS [MATKL], CASE WHEN [TargetA_BISMT] <=> [TargetB_BISMT] THEN 1 ELSE 0 END AS [BISMT], CASE WHEN [TargetA_MEINS] <=> [TargetB_MEINS] THEN 1 ELSE 0 END AS [MEINS], CASE WHEN	MARA	11/25/2019

### Image Definitions:

Image	Description of the process
	Delete all SQL Log records stored in the table.

## Support and License

INSTALL DATE	LICENSE MESSAGE	LICENSE EXPIRE DATE	VERSION	EMAIL CONTACT	LICENSE KEY
12/6/2018	Installed For:Backoffice Associates Ltd.	12/1/2020	0004	Ort@boaware.com	001d000001fmUEcAAM-0004-00000012-2020-12#2F863BE464W9G4F4A3B516FDCCDD5690Z68692444FD749D6B64E3219634CF62

Page is not updatable via the Web Application. psaSAPConfiguration is a license app via Consultant Services as an Add-On Application to DSP. Support is done via the SMT. License page displays who licensed the application and when the application license expires.

## Addendum

Adding steps and clarifications that may not be included above.

1. Add the relevant dgSAPxxxx database to the SPRO database screen.
2. Add the default 17 SAP configuration tables to the SAP Tables screen under the relevant db created in 1 above.
3. Add those same 17 tables from 2 above to Collect for the relevant db in 1 above.
4. Click button to access Category Tables (SPRO Group Field Identifier).
5. Add Category, Table Name, Group Identifier, parent table to screen for each target table in db
6. Click to Activate AutoGen
7. Click to Build Configuration
8. Locate Target in Transform and select Target Rules. A new rule has been created that will run when the target is processes.
9. The above rule will store errors in the psaSAPConfiguration Target Errors - Error log.

**Version History**

Version	Date	Written By	Written On	Approved By	Approved On
1.0	11/25/2019	Dan Downey	11/25/2019		
1.1	4/17/2020	Paul Garner	4/17/2020		