

Syniti Solutions psaProjectQA

Installation, Configuration & User Guide

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Overview

psaProjectQA provides each project with extra functionality to assist ADM success. There is an issue tracker for project related issues. There are metrics charts to help management understand the project completion. There is a DOCIT & TrackIt options for clients that require more documentation on every step that is being executed. There are Pre-Load and Post-Load reports that will auto generate for the business to complete the verification. There is an advance copywave process to help in the copy and validation of the wave.

Key Features:

- Ability to track internal issues with Source Data or ADM toolset
- Dashboard Metrics to help see the project status
- Ability to document Object Processing steps for auditors
- Pre-Load and Post-Load reporting for data load into Target ERP system
- Advance Copy Wave with easy overrides for the next wave.

Install psaProjectQA

The application can be installed on Syniti Solutions DSP versions 7.0.6 and above

Download the Application & License

The psaProjectQA application and/or license are obtained by opening a support ticket at <u>support.syniti.com</u>.

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 **psaProjectQA.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)If a Previous Version installed, Navigate to DSP install\Databases and execute file psaProjectQA_UnInstall.bat (run as an administrator)
- 11) Navigate to DSP install\Databases and execute file **psaProjectQA_Install.bat** (run as an administrator)
- 12) 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.
- 13) 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.



If the Navigation pane in DSP doesn't show psaProjectQA, then try these steps:

- 1. Log in to the DSP site as an Administrator.
- 2. Select **Admin > Configuration > Product License** in the Navigation pane.
 - a. Ensure that psaProjectQA appears here.
- 3. Select **Admin > Configuration > Site Menu** in the Navigation pane.
 - a. Ensure that psaProjectQA appears here. If not, then:
 - i. Click Add.
 - ii. Enter a priority in the **PRIORITY** field.
 - iii. Enter **psaProjectQA** as the label for the site menu option in the **LABEL** field.
 - iv. Select the **psaProjectQA** : **psaProjectQA** page from the **LINK TO PAGE ID** list box.
- 4. Select **Admin > Configuration > Parameters** in the Navigation pane.
 - a. Click Clear Cache.
 - b. Reload the browser tab.

5. Command time out for psaProjectQA datasource at the vertical view of Common > Configuration > Data Source Registry must be set to at least 6000

If you still can't reach the psaProjectQA application, then review the "Define Security Roles" article in the DSP Online Help to ensure that your DSP user has access to psaProjectQA. The DSP Online Help is accessible from the question mark icon in the top-right corner of all DSP pages. You can also open a ticket at <u>support.syniti.com</u> for assistance.

User Guide

Quick Checklist to Issues

- 1) Click Issues on the Issue page to view open issues
- 2) Click Add to create a new issue
- 3) Click Add on Issue Comment to create a comment
- 4) Add a File to the comment using the Upload and Download Feature
- 5) Issue Summary Dashboard will display the open issues in the Summary Format
- 6) Assigned to Dashboard will display whom is assigned to work the issues
- 7) View Archive Issue is available on the Toolbar of the Issue page
- 8) To make an issue archive, click the Archive Toolbar on the Issue page.
- 9) On the Archive page, issues can be unarchived by clicking on the Toolbar image.

Quick Checklist to Metrics

- 1) Dashboard will start showing data as soon as the service pages starts processing
- 2) **Value Mappings** needs the Wave Metrics to be entered in Console. If DSP 7.4 or higher, Value Mapping Metrics must be entered in Value Mapping Gate under the Configuration Menu.
- 3) **Field Mappings** needs the Wave Process Area Metrics to be entered in Console. If DSP 7.4 or higher, Field Mapping Metrics must be entered in Field Mapping Gate under the Configuration Menu.
- 4) Load Count by Wave will require Load Target Cycle Dates to be populated for the Dashboard to work. DSP 7.4.x or higher will use the Load Cycle settings in the ADM tool.
- 5) User Login counts track usage by day. Users that start background process will often have the counts higher because each background process counts as another login.
- 6) Wave Admin can be used to turn on or off gathering wave information
- 7) Database Admin can be used to turn on or off gathering of database objects.
- 8) Count Data Entry will show exports for Targets that have been activated for tracking.

Developers have 7 days from the export to load the values into the dashboard process.

Quick Checklist to Sightline

- 1) Open Sightline Base page
- 2) Click Add and select a Wave to start the DocIt process
- 3) Click Add on the Process Area & Object & Tier and click Save.
- 4) Click on the Steps Image to begin the documentation process.
- 5) Add all the documentation steps require for this Process Area/Object.
- 6) Click Notes at the Process Area & Object for Global notes on the process
- 7) Click Generate Button to build an HTML files
- 8) Click download to download the documentation for users to view
- 9) Start the Track ID process by clicking TrackIt next to the DocIt button on the Base Page.
- 10) Users can drill into the steps via the detail button
- 11) Users can then click the Trackit button to see the step status
- 12) Migration Steps shows In Process and Completed Steps.
- 13) Click in Process and then start marking steps completed.
- 14) When all the steps have been finished, the status will update to the Object Process Area
- 15) Completed Steps can be RESET to push them back into the queue.
- 16) Status updates are all done manually in this version.

Quick Checklist to Auto Validate

- 1) Open Page Auto Validate Wave/Process Area Objects
- 2) Click Activate Automation on AutoValidate Wave-ProcessArea-Objects page to start building Target Reports for pre & post loads.
- 3) Click on Target to add a Target manually to the process.
- 4) Click the Hammer image (First Toolbar option) to build reports for the Target.
- 5) All Target will have reports generated when building the Target Reports in Auto Gen.
- 6) Click the Easer image (Second Image option) to cancel and remove the reports from the Target
- 7) Reports that do not have the primary key will be marked with an Error Indicator so it is not included in the Target Ready and Business Ready summary.
- 8) A user may deactivate a Target to stop the automation process by clicking the Deactivate Build for manually overrides can be saved.
- 9) A user may activate a Target to start the automation process by clicking the Activate Build.

Quick Checklist to Copy Wave

- 1) Open Page Copy Wave Page
- 2) Add a Wave and let the On-Validate load all the components.
- 3) Add a New Database in SSMS for conversion and register the database in DSPCommon
- 4) Add a New Database in SSMS for report cache and register the database in DSPCommon
- 5) Assign the New Data Source on the Process Area
- 6) Assign the new Report Cache Data Source on the Process Area
- 7) On Targets page, verify the Rules, Reports and Exports to be copied are checked
- 8) On Sources page, choose which sources should be copied and include the mappings
- 9) On the Developers, choose the developers to be copied or the new developer as the replacement
- 10) On the Business Contacts, choose the business contacts to be copied or the new business contact as the replacement
- 11) Assemble Where Clause Database will allow a new database to replace the existing one
- 12) Error Summary will show a list of missing SQL Objects

Issues - Issues - (Under Issues)

Issues will add, update and archive issues for a project.

Issue will store a number of fields about an issue with a log of comments for each person working this issue.

Issue command has the ability to upload and download documentation or screen shots of the issue.

Issues can apply to waves, application or general questions.

Configuration menu will allow users to add to Issue Type, Priority, Process and Status for custom client values.

2 Toolbar Options:

1) View archive issues and comments for that issue.

2) Archive the current issue.



Image Definitions:

Image	Description of the process
	View all archive issues for searching closed items.
	Archive current issue into the archive table.

Issues - Archive Issue - (Click View Archive on Issue Toolbar)

Page will display all archive issues that were completed from the Issue page. These issues will not be counted in either of the dashboards because they are not active.

2 Toolbar Options:

- 1) View issues page
- 2) Unarchive the current issue back to the main Issue page.



Image Definitions:

Image	Description of the process
	View all archive issues for searching closed items.
Ľ	Unarchive current issue into the archive table.

Issues - Issues Summary - (Under Issues)

Issues Summary Dashboard gives a quick visual overview of the current issues. Click on any color on the dashboard to drill into the Issue page for that selection.

No Updates can be made on this page.



Issues - Assigned Summary - (Under Issues)

Assigned Summary Dashboard gives a quick visual overview of users assigned to issues. Click on any color on the dashboard to drill into the Issue page for that selection.

No Updates can be made on this page.



Issues - Issue Type - (Under Issues Configuration Sub Menu)

These are the standard issue types sent to each client. Projects are allowed to add or update this list as seen fit.

psaProjectQA ≡	lss	sue Type	
▼ Issues		Add Edit	
Issues	<u> </u>		
Issues Summary	Ø	ISSUE TYPE V	靣
Assigned Summary	~	CollectFailure	A
▼ Configuration	Ø	Collectrallure	
IssueType	Ø	Configuration	向
Priority	Ø	Defect	Ŵ
Process	Ø	Documentation	凬
Status		Documentation	
Issue Parameter	Ø	Enhancement	靣
 Metrics 	Ø	New Requirement	向
 SightLine 		Process	而
 Auto-Validation 	Ø	Flocess	Ш
 Copy Wave 	Ø	UserEducation	向
Reports			
Admin			



Issues - Priority - (Under Issues Configuration Sub Menu)

These are the standard priority sent to each client.

Projects are allowed to add or update this list as seen fit.

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psaProjectQA ≡	Issue Priority	o, 🗘
 ✓ Issues Issues Issues Summary Assigned Summary ✓ Configuration IssueType 	Add Edit Image: Imag	3 rows
Priority Process	Med 🔟	
Status Issue Parameter Metrics SightLine Auto-Validation Copy Wave Reports Admin		

Issues - Process - (Under Issues Configuration Sub Menu)

These are the standard processes sent to each client. Projects are allowed to add or update this list as seen fit.



Issues - Status - (Under Issues Configuration Sub Menu)

These are the standard statuses sent to each client.

Projects are allowed to add or update this list as seen fit.

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psaProjectQA ≡	Issue Status	\$
▼ Issues		4 rows
Issues		-
Issues Summary	STATUS V COMPLETED IND DESCRIPTION	回
Assigned Summary	CAB Approval	Ŵ
▼ Configuration		
IssueType	🖉 Cancelled 🖌	Ē
Priority Process	🖉 Complete 🖌	
Status	🖉 In Progress	Ē
Issue Parameter Metrics 	🖉 MD Approval 🖌	
► SightLine	🖉 Needs Action	Ē
Auto-ValidationCopy Wave	🖉 New	
Reports Admin	Suggestion	Ē
	🖉 Support	Ē
	SupportMonitoring	Ē
	SupportResolved	Ē
	🖉 To Transport	Ē
	🖉 Waiting	Ē
	✓ WorkAround	Ŵ

Issues – Load Cycle - (Under Issues Configuration Sub Menu)

Load Cycles can be configured at each client site.

These changes apply to Issues and Sightline.

The Load Cycle Order is the order a user will see the Load Cycles.

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psaProjectQA ≡	Load Cycle		O,	*
▼ Issues	Add Edit			6 rows
Issues				
Issues Summary	IOAD CYCLE	LOAD CYCLE ORDER V	⑪	
Assigned Summary	Tech Load	1	Ê	
Configuration	-	1		
IssueType	Mock 1	2		
Priority	Mock 2	3	向	
Process	Mock 3	4	Ŵ	
Status	-	-		
Load Cycle	Dress Rehearsal	5	Ŵ	
Issue Parameter	🖉 Cutover	6	Ŵ	
 Metrics 				
▶ SightLine				
 Auto-Validation 				
 Copy Wave 				
Reports				
Admin				

Issues - Issue Parameter - (Under Issues Configuration Sub Menu)

Issue is set not to include completed issues on the charts. Projects are allowed to add them to the counts or remove them. Edit the checkbox to include completed issues.

Dashboards DO NOT SHOW ARCHIVED ISSUES!

dsp. V		
psaProjectQA ≡ ▼ Issues Issues Issues Summary Assigned Summary ▲ Configuration IssueType Priority Process Status Status	Issue Parameter Edit ✓ ISSUE CHARTS INCLUDED COMPLETED▼ ✓	1 rows
 Issue Parameter Metrics SightLine Auto-Validation Copy Wave Reports Admin 		

Metrics - Wave by Object - (Under Metrics)

Wave Object page will show percentage complete by object. The second chart will display counts of mappings per object. The last two options will display a quick view of the mappings completed or waiting to be completed by a business user.



This can provide a quick glance on work being done for the Client project lead.

Image Definitions:

Image	Description of the process
	Bar chart of Wave by Object Percentage status
	Bar chart of Wave by Object mapping count completed or in progress.
	Quick summary of mapping in progress that has not been completed.
	Quick summary of all mapping completed or in progress.



Wave by Object count of mapping completed or in process.



Quick summary details of mapping in progress or completed.

dsp. 🗸											
osaProjectQA		ject Mapping	Totolo				¢				
Issues	wave Ob	ject mapping	TUIdis			Q16 rs					
Metrics											
Waves by Object	WAVENAME	TODAY'S TOTA	LS OBJEC	TS TOTAL MAPPI	NGS COMPLE	TED WORKING 🔬 🖟					
Waves by Source	C53ToDSP	01 Dec 2020		14 3.	322 1						
Databases											
Field Actions	CARS4	01 Dec 2020									
Field Mappings	Central	01 Dec 2020		1 1,	320	15 1,305 🔊 🖓	<u>) (B)</u>				
Value Mappings Transform Summary				Wave Name Mapping I	nd						- Ala
Transform Errors	Wave Ob	ject Mapping	Details	C53ToDSP 0							0 to 1582 rows
Transform Audit											1082 rows
Load Counts By Wave	WAVENAME	PROCESS AREA	NAME v 1	TARGET ▼ ²	SOURCE V 3	SOURCE DATABASE OBJEC	CT FIELD ¥ ⁴	ACTION	MAPPING STATUS MA	PPED BY MAPPED ON	RULE STATU
Load Counts By Object	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	AddedBy		Pending		Pending
Count Data Entry Users	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	AddedOn		Pending		Pending
 Miscellaneous 	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	ChangedBy		Pending		Pending
 Configuration 	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	ChangedOn		Pending		Pending
SightLine	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	Comment		Pending		Pending
Auto-Validation	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	Disposition		Pending		Pending
Copy Wave	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	DatabaseName		Pending		Pending
Reports	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	ID		Pending		Pending
Admin	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	ParamLength		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	ParamName		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	ParamType		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	ProcedureName		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	Active		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	AddedBy		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	AddedOn		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	boaStatus		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	ChangedBy		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	ChangedOn		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	Completed		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	InstanceID		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	InterfaceID		Pending		Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	Message		Pending		Pending
							-				-

Metrics - Wave by Source - (Under Metrics)

Wave by Source completion percentage to help Project lead determine if one source is lagging in completion of the project. This could be critical if there is scope change to remove source from the current wave.



Image Definitions:

Image	Description of the process
	Bar chart of Wave by Object Percentage status
	Bar chart of Wave by Object mapping count completed or in progress.
	Quick summary of mapping in progress that has not been completed.
	Quick summary of all mapping completed or in progress.



Wave by Source count of mappings completed or in process.



Quick summary details of mapping in progress or completed.

dsp. 🗸									
psaProjectQA	■ Wave So	urce Mappin	a Totals			م \$			
► Issues ▼ Metrics						10 rows			
Waves by Object	WAVENAME 1	 TODAY'S TOTA 	LS SOURC	CES TOTAL MAPPI	NGS COMPLE	TED WORKING 🔬 🏟 🗰 (
Waves by Source	C53ToDSP	01 Dec 2020		11 3	322 1	,740 1,582 (1) (1) (1)			
Databases Field Actions	CARS4	01 Dec 2020		4 4					
Field Mappings	Central	01 Dec 2020			.320		<u> </u>		
Value Mappings									
Transform Summary	Educate	01 Dec 2020		2 1	.077	609 468 📢 ៧ 🕬			
Transform Errors Transform Audit Load Counts By Wave	Wave Ob	ject Mapping	Details	Wave Name Mapping In C53ToDSP 0	nd				0 🗘
Load Counts By Object Count Data Entry	WAVENAME	PROCESS AREA	NAME v ¹	TARGET V ²	SOURCE # 3	SOURCE DATABASE OBJECT	FIELD T 4 ACTION	MAPPING STATUS MAPPED BY MAPPE	ON RULE STATUS
Users	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	AddedBy	Pending	Pending
 Miscellaneous 	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	AddedOn	Pending	Pending
 Configuration 	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	ChangedBy	Pending	Pending
SightLine	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	ChangedOn	Pending	Pending
Auto-Validation	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	Comment	Pending	Pending
Copy Wave	C53ToDSP	WebApps	Automate	ttizDisposition	{Target Rules}	{Target Rule}	Disposition	Pending	Pending
Reports Admin	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	DatabaseName	Pending	Pending
NUTIIIT	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	ID	Pending	Pending
	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	ParamLength	Pending	Pending
	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	ParamName	Pending	Pending
	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	ParamType	Pending	Pending
	C53ToDSP	WebApps	Automate	ttizEventParamInfo	{Target Rules}	{Target Rule}	ProcedureName	Pending	Pending
	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	Active	Pending	Pending
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	C53ToDSP	WebApps	Automate	ttizInstance	{Target Rules}	{Target Rule}	AddedBy	Pending	Pending

Metrics - Databases - (Under Metrics)

Databases used in ADM waves. Details of the objects can be accessed by clicking on the images.

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 Metrics SightLine 	DATABASE V	LAST UPDATE	al 🚱) 🛞	۲	۲	1	Θ	0	•				
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Reports Admin	dswAutoValidate	12/01/2020 8:58:00PM	al) 🕄		164 (@) 1142	114 (8) 515	2010	63		5 (a) (a) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b				
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										Da	atabase C)bject Type	Database dswAutoValie	date
atabase Object Type											515			
										88 -				1,142
										42				

Image Definitions:

Image	Description of the process
\odot	Update all statistics for all databases by submitting a batch background process.
	Chart displaying total objects in the database.
•	Dashboard showing changes over period of time and total objects in the database.
	Tables in the Object database
۲	Views in the Object database
۲	Stored Procedures in the Object database
1	All SQL SERVER objects in the Object database
$\overline{\bigcirc}$	Delete Objects that were created in the Object database
•	Metrics of Object counts for the last 180 days
۲	Targets used in the Database for the object.
۲	Developers assigned to the Targets in Target Design that point to this database.



Metrics - Field Action - (Under Metrics)

Field actions help determine the amount of effort on a Wave. Default rules and Copy rules are easy automated rules the system can generate. Manual rules or Manual construction rules take a lot longer to develop/test since this is the complex logic required for the client to do business. Construction rules are used for data enrichment and require web application component development. This first chart is a comparison of automated to developed rules with a total line.

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aProjectQA ≡	Field Mappi	ng Action Metri	c Launch					Q,	_,	¢			
Issues Metrics	\odot	.g, touori inoui						V,	19 m				
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Databases Field Actions	EducateDan	Performance	474	135	12/01/2020 8:58:00PM	(II)) @		(B) 36			
Field Mappings Value Mappings	Eugene	MDM Customer	600	1	12/01/2020 8:58:00PM	(II)			0	B 72			
Transform Summary Transform Errors	EugeneV2	MDM Customer	38	0	12/01/2020 8:58:00PM				@ 48	(B) 72			
Transform Audit	Harmonize	Solution	21	0	12/01/2020 8:58:00PM	(11)	59 @°			8			
Load Counts By Wave Load Counts By Object	IV	P2P	140	0	12/01/2020 8:58:00PM	(II)) @	48	13			
Count Data Entry Users	Manuel	MDM Customer	394	10	12/01/2020 8:58:00PM) @					
Miscellaneous Configuration	Mike	MDM Customer	338	0	12/01/2020 8:58:00PM	(1)) @					
SightLine Auto-Validation	MJ	MDM Customer	334	0	12/01/2020 8:58:00PM	(11)) @	40				
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Image Definitions:

Image	Description of the process
\odot	Process Metrics update now instead of waiting for the service page to run daily.
(11)	Chart displaying Field Mapping changes per day.
٩	Dashboard showing total actions and Field Mapping changes per day.
00	Wave Process Area metrics for days, weeks and months
1	Wave Process Area Object metrics for days, weeks and months
۲	Wave Process Area Object Target metrics for days, weeks and months
8	Wave Process Area Source metrics for days, weeks and months

Chart displays current total count of rule actions in the wave as well as changes over time. Not used is a rule action but no code is required for those fields.



Detailed daily and week counts of the wave objects used to generate the charts.

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	Field Mappi	ng Action Metri	c Launch				-	Q 🔅					
s ves by Object		PROCESS AREA *2	SOURCE FIELD TOTAL	. TARGET FIELD T	DTAL L	AST UPDATE	a 🚯 🕑	0 0 6					
ves by Source abases							26	78 156 52					
d Actions	EducateDan	Performance	474		135 13	2/01/2020 8:58:00PM	18	10 (B) (B) 54 108 36					
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K .	- CLANA	.010		-	0.5	10100.93.9.000010	(a) (a) (a)	000	<u></u>				
	Field Action	Process Area	Metric Manuel MC	cass Area MI Customer									Q 1
	WAVE		REQUIRED SOURCE	COPY D	EFAULT	MANUAL RULE	RULE	INTERNAL	NOT USED	NOT	SOURCE CONSTRUCTION	DODITOL PITES	LAST UPDAT
	NAME * 1	TYPE * 3	FIELDS							ASSIGNED			LAST UPDAT
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	NAME * 1 PROCESS	TYPE * ³ SNAP SHOT	FIELDS MAPPED TARGET	TARGET T	ARGET	TARGET MAN	TARGET	TARGET	TARGET NOT	ASSIGNED TARGET	SOURCE MANUAL	SOURCE RULE	12/01/2020
	NAME * 1 PROCESS AREA * 2	TYPE # 2 SNAP SHOT KEY & 4	FIELDS MAPPED TARGET FIELD	TARGET T COPY D	ARGET SFAULT	TARGET MAN RULE	TARGET RULE	TARGET INTERNAL	TARGET NOT USED	ASSIGNED TARGET BLANK	SOURCE MANUAL CONSTRUCTION	SOURCE RULE XREF	
	NAME * 1 PROCESS AREA * 2 Manuel	TYPE ¥ ³ SNAP SHOT KEY 4 ⁴ Daily	FIELDS MAPPED TARGET FIELD 394	TARGET T COPY D 262	ARGET SFAULT 3	TARGET MAN RULE	TARGET RULE 2	TARGET INTERNAL	TARGET NOT USED	ASSIGNED TARGET BLANK 109	SOURCE MANUAL CONSTRUCTION	SOURCE RULE XREF	12/01/2020 8:58:00PM 11/30/2020
	NAME * 1 PROCESS AREA * 2 Manuel MDM Customer	TYPE ¥ ² SNAP SHOT KEY 4 ⁴ Daily 20201201	FIELDS MAPPED TARGET FIELD 394 10	TARGET T COPY D 262 2	ARGET EFAULT 3 6	TARGET MAN RULE 0 1	TARGET RULE 2 2	TARGET INTERNAL 1 0	TARGET NOT USED 0 0	ASSIGNED TARGET BLANK 109 187	SOURCE MANUAL CONSTRUCTION 2 0	SOURCE RULE XREF 15 0	12/01/2020 8:58:00PM
	NAME * 1 PROCESS AREA * 2 Manuel MDM Customer Manuel	TYPE * ² SNAP SHOT KEY * ⁴ Daily 20201201 Daily	FIELDS MAPPED TARGET FIELD 394 10 394	TARGET T COPY D 262 2 262	ARGET SFAULT 3 6 3	TARGET MAN RULE 0 1	TARGET RULE 2 2 2	TARGET INTERNAL 1 0	TARGET NOT USED 0 0	ASSIGNED TARGET BLANK 109 187 109	SOURCE MANUAL CONSTRUCTION 2 0 2	SOURCE RULE XREF 0 15 0	8:58:00PM 11/30/2020



Metrics - Field Mappings - (Under Metrics)

Field mapping actions are showing the business user completed actions versus the incomplete actions. The business must drive the mapping actions before the developer can do the work. These measurements are using Gate Target Dates defined in dspMirgrate. Field mapping rules target dates are defined at the Wave-ProcessArea web page. Dates are a general goal for the project: e.g... 50% done by June 30th for Mock Load 2, and 90% done for Sept 30th Mock Load 3.



Field Mapping gate metrics are accessed from the link on Wave-ProcessArea web page. If running DSP 7.4 or higher, this page link has been removed. Enter the Gate settings, Using the Field Mapping Gate under the Configuration menu of psaMetric.

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				LFA1 Proc	cess Area								



Wave Process Area Gate metrics are entered on this page and should be entered to match the project dates. A service page will update these stats daily or a user can click the Process Metrics in the Map application.

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	Ø	:	IV Mock 2	9/13/2022	100		99	139	140	140	310	12/1/2020 8:58:00 PM	Ŵ

Dashboard showing the changes over time and a summary of completed and incomplete mappings.



Details of the counts that are processed daily and summed up weekly and monthly.

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	NAME * 1	PROCESS AREA * 2	GATE NAME ¥ 3	METRIC TYPE • 4	GATE DATE	GATE PERCENTAGE	MAPPING PERCENT COMPLETE	MAPPING COMPLETED	MAPPING TOTAL	FIELD	TOTAL	LAST UPDATE	00
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Image Definitions:

Image	Description of the process
\odot	Process Metrics update now instead of waiting for the service page to run daily.
	Chart displaying Field Mapping changes per day.
•	Dashboard showing total actions and Field Mapping changes per day.
\$°	Wave Process Area metrics for days, weeks and months
\bigcirc	Wave Process Area Object metrics for days, weeks and months
۲	Wave Process Area Object Target metrics for days, weeks and months
0	Wave Process Area Source metrics for days, weeks and months



Metrics - Value Mapping - (Under Metrics)

Value mapping actions are showing the business user completed value actions versus the incomplete value actions. Value mappings are critical for project Target loads to get converted value into the system correctly. Value mapping value dates are defined at the wave page. Dates are general goals for the project, for example - 50% done by June30th Mock Load 2, or 90% done for Sept 30th Mock Load 3.



Value Mappings Gate Metrics are created on the page below. The link is off the main wave page in Console application. If running DSP 7.4 or higher, this page link has been removed. Enter the Gate settings, Using the Value Mapping Gate under the Configuration menu of psaMetric.

	psa/	Autoval -	psavanest	CONSOLE	esign map	Construct	mansionn	Integrate			
Console ≡ Waves ► Elements	Way	/es		FILTER APPLIED	O, İV	?¢ 1 rows					
Advanced Configuration Admin	0	S NA									
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		dd Gate	e Metrics (Value Mapp	oing)						2 rows
	Ø	NAME	GATE NAME	GATE DATE ¥	GATE PERCENT	TAGE PERCE	ENT COMPLETE	CHECK TABLE TOTAL	SOURCE TOTAL	LAST UPDATE DATE	Ē.
	Ø	IV	Value Mock1	5/3/2022		50	74	1	1	12/2/2020 6:58:00 AM	Ŵ
	Ø	IV	GoLive	8/31/2022		100	74	1	1	12/2/2020 6:58:00 AM	Ŵ



Dashboard showing the changes over time by day and a total summary of completed and incomplete value mappings.



Details of the counts that are processed daily and summed up weekly and monthly.

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ProjectQA isues letrics	■ Value I	Mapping	g Metric I	Launch			o 🗘							
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unt Data Entry ers	GoLive	Daily	8/31/2022	100	74	1	1	1	20	0	7	27	0	12/02/20 6:58:00/
cellaneous nfiguration	GoLive	Daily	8/31/2022	100	74	1	1	1	20	0	7	27	0	12/01/20 8:58:00
ine /alidation	GoLive	Daily	8/31/2022	100	74	1	1	1	20	0	7	27	0	11/30/20 7:58:00
Nave s	GoLive	Daily	8/31/2022	100	74	1	1	1	20	0	7	27	0	11/29/20 11:59:00
	GoLive	Daily	8/31/2022	100	74	1	1	1	20	0	7	27	0	11/28/20 10:58:00
	GoLive	Daily	8/31/2022	100	74	1	1	1	20	0	7	27	0	11/27/20 9:58:00F
	GoLive	Daily	8/31/2022	100	74	1	1	1	20	0	7	27	0	11/26/20 8:58:00F
	GoLive	Daily	8/31/2022	100	74	1	1	1	20	0	7	27	0	11/25/20 7:58:00F

Image Definitions:

Image	Description of the process
\odot	Process Metrics update now instead of waiting for the service page to run daily.
(iii)	Pie Chart displaying Total Mapped, Not Mapped and Proposed Values
•	Dashboard showing value actions totals and displaying Value Mapping changes per day.
(II)	Wave metrics for days, weeks and months
8	Wave Source metrics for days, weeks and months

Metrics - Transform Summary - (Under Metrics)

Transform summary maintains metric counts of sources, source rules, target rules and target reports. These charts and details summary will allow a user to see how objects are developed over time.



Image Definitions:

Image	Description of the process
\odot	Process Metrics update now instead of waiting for the service page to run daily.
	Pie chart displaying objects in the Wave Process Area broken down to Source Rules, Source Reports, Target Rules, Target Reports and Target Exports.
•	Dashboard showing total object totals and Objects changes per day.
\$ 0	Wave Process Area metrics for days, weeks and months
\bigcirc	Wave Process Area Object metrics for days, weeks and months
۲	Wave Process Area Object Target metrics for days, weeks and months
۲	Developers assigned to work on the Transform Targets

Dashboard showing the changes over time for sources, source rules, target rules and target reports. Pie chart is the total count of each object registered in Transform by Wave-ProcessArea.



Details of the daily counts by Wave-ProcessArea, Wave-ProcessArea-Object and Wave-ProcessArea-Object-Targets. The process also shows the developers working on the different targets.

19 *												
aProjectQA	■ Transform S	Summary Metr	ic Launch					Q	¢			
Issues	\odot							×,	30 rows			
Metrics	0											
Waves by Object	WAVE NAME T 1	PROCESS AREA V	SOURCES	SOURCE RULES	TARGET RULES	TARGET REPORTS	LAST UPDATE	: 🗐 🕑 🕼) 💿 🏔			
Waves by Source	Lugarore	more opposition	, v	¥1	¥		1000000 1.00.001 m	23 23	92 2			
Databases	Harmonize	Solution	32	37	344	70	12/2/2020 1:59:00 AM	11 3 00 0				
Field Actions Field Mappings								25 17				
rieid mappings Value Mappings	InMemory	MDM Customer	6	0	318	60	12/2/2020 1:59:00 AM	(1) (5) (e) (C) 25 (25)				
Transform Summary	IV	P2P	3	142	4		12/2/2020 1:59:00 AM					
Transform Errors		PZP	3	142	4	60	12/2/2020 1:59:00 AM) 👰 🔺			
Transform Audit	- / -		Wave 1	Iame Process Area								
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Miscellaneous	Daily	dswHarmonization	32	0	37					70		12/02/2020
Configuration	Dairy	usin lamonización	JZ	0	51			2 34		10		11:59:00AM
ghtLine ito-Validation	Daily	dswHarmonization	32	0	37		33	2 344	70	70	0	12/01/2020 8:58:0
no-validation ppy Wave	Daily	dswHarmonization	32	0	37		33	2 344	70	70	0	11/30/2020 7:58:0
ppy wave	Daily	dswHarmonization	32	0	37		0 33	2 34	70	70	0	11/29/2020
in	,											11:59:00PM
	Daily	dswHarmonization	32	0	37		33	2 34	70	70	0	11/28/2020
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	Daily	dswHarmonization	32	0	37		0 33	2 34	70	70	0	11/26/2020 8:58:0
e Rule Auto	< Daily	dswHarmonization	32	0	37		0 33	2 344	70	70	0	11/25/2020 7:59:
ame: SourceRuleAuto	Daily	dswHarmonization	32	0	37		0 32	2 34	70	70	0	11/24/2020
												11:59:00PM
	Daily	dswHarmonization	32	0	37		33	2 34	70	70	0	11/23/2020 10:58:00PM
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				0						70		
	Daily	dswHarmonization	32	-	37		3			70		11/21/2020 8:58:0
	Daily	dswHarmonization	32	0	37		0 33					11/20/2020 8:02:0
	Monthly	dswHarmonization	32	0	37		0 33	2 34	1 70	70	0	12/01/2020 12:59:00AM
	Monthly	dswHarmonization	32	0	37		0 40	0 34	5 100	100	0	11/01/2020
	monuly	usim ramionization	32	0	37		r 41	9 34	100	100	0	12:49:00AM

Metrics - Transform Errors - (Under Metrics)

Transform error maintains metric counts of target report business ready errors and the number of records that were remediated. These charts and details summary show how critical data is being fixed by value mapping or by business users changing the rules to fix the data.



Image Definitions:

inaye Del	
Image	Description of the process
\odot	Process Metrics update now instead of waiting for the service page to run daily.
(III)	Line chart displaying business error in the Wave Process Area logged by day.
•	Dashboard showing total business errors and total errors count per day.
(\$°)	Wave Process Area metrics for days, weeks and months
\bigcirc	Wave Process Area Object metrics for days, weeks and months
٢	Wave Process Area Object Target metrics for days, weeks and months
۲	Developers assigned to work on the Transform Targets


Pie Chart shows error count and remediated fix count. There is a 30-day line chart to show the changes made by the business group.



Detailed metric counts are stored as Wave-ProcessArea, Wave-ProcessArea-Object and Wave-ProcessArea-Object-Target. The last image will display the Target developers working this object.

tQA	Business Error	Metric Laun	ch				0,	¢
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Metrics - Transform Rule Audit - (Under Metrics)

Transform audit metrics are designed to track rules created, rules registered and validated as they exist in the database. During a development cycle, Rules may be made inactive or deleted for lacking business information or for data being incomplete to finish the rules. These pages will display all the values for the project leader to do a quick check on the delivered project. The main page shows the counts detailed at the Wave-ProcessArea and changes per week.



Image Definitions:

Image	Description of the process
\odot	Process Metrics update now instead of waiting for the service page to run daily.
(III)	Line chart displaying existing rule counts in the Wave Process Area logged by week.
•	Dashboard showing total rule in database and not in database.
(\$°)	Wave Process Area metrics for days, weeks and months
6	Wave Process Area Object metrics for days, weeks and months
۲	Wave Process Area Object Target metrics for days, weeks and months
	Developers assigned to work on the Transform Targets
	Details about the rules that exists or don't exists in the database for analysis.



This Chart displays rules in the database and not in the database via PIE chart. The Weekly change shows objects by created, altered or deleted.



This is an example of the detail rule tracker by days and then summed to weekly and monthly totals. Charts can be created to show that level of detail if the project requires it.

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Metrics - Load Counts by Wave - (Under Metrics)

Load Wave Cycle displaying percentage chart with green being successfully loaded and red being failed records. Users can click on the other chart to display record counts or click on details to see the history.

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Record counts by wave. Green display success data record loads for the wave. Red display the failed record data loads for the wave.





Details of Wave Cycles by action on date.

Target Export must be unique per Target Data Cycle that are marked USE FOR COUNT on the dashboard per Target Data Cycle.

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Image Definitions:

Image	Description of the process
۲	Process Load Count to update the Dashboard immediately. The service page will update the dashboard when it is processed.

Metrics - Load Counts by Object - (Under Metrics)

Load Object Cycle displaying percentage chart with green being successfully loaded and red being failed records. Users can click on the other chart to display record counts or click on details to see the history.

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onfiguration dLine of the second sec	80					() or enhange	3	843	aa 11 -		
onfiguration de ne 10 Validation volumentoces AlexatObjects onfiguration Verve Whave or the second of the second o	80					(licenage	3	844	aa 01 9	1	
enfiguration LE.ne 0 -Validation ave/Process Area/Opects enfiguration offst	80					(erenage	3	844	en 11 -		
endguardon LEne o Io Validation endguardon endguardon ats endguardon ats endguardon endo	80						33		ena 01 -		
onfiguration dLine of the second sec	80					17 Process: P27	3				

Record counts by object. Green display success data record loads for the object. Red display the failed record data loads for the object.





Details of Object Cycles by action on date.

Target Export must be unique per Target Data Cycle that are marked USE FOR COUNT on the dashboard per Target Data Cycle.

ProjectQA ≡	Load By O	bject Cycle						c	.			
sues	Loud Dy O	5,000 0 ,010							4 rows			
letrics												
Waves by Object	WAVE NAME v	PROCESS AREA	NAME	TARGET DATA CYCLE	TOTAL COUNT	LOADED COUNT	FAILED COUNT	LAST DATA LOAD	. 🛯 🖉 📀			
Waves by Source	IV	P2P	Material	M1	1201	800	401	10/25/2020	(h) (h)			
Databases		121	Wateria	WIT	1201	000	401	10/23/2020				
Field Actions	IV	P2P	Material	M2	1603	550	1053	10/26/2020	(H) (H) (S)			
Field Mappings									2			
Value Mappings	IV	P2P	Material	M3	1603	1180	423	10/27/2020				
Transform Summary									4			
Transform Errors	IV	P2P	Material	M4	402	372	30	10/26/2020	(1) (1) (S			
Transform Audit									1			
Load Counts By Wave												
Load Counts By Object												
Count Data Entry	-											_
Users			Wave Nar	ne Process Area Name "	larget Data Cycle							
Miscellaneous	Load Coun	t Data Histo	ryıv	P2P Material I	W1							¢
Configuration	Edit 🕥)									2 m	rows
ightLine				2								
uto-Validation	S DATA O	BJECT T 1	TARGET EX	PORT * TARGET [DATA CYCLE 🔻 3	TOTAL COUN	I LOADED COU	NT FAILED COU	NT ACTION ON	USE FOR COUNT	LOG DATE	
Wave/Process Area/Objects	1V-P2P-1	Material	txKNA1 Exp	ortToSAPSel M1		1,201	2	00 1,0	01 10/23/2020 11:49:53 AN		10/23/2020 2:42:00 PM	M
Configuration												
opy Wave	🖉 🏷 IV-P2P-I	Material	txKNA1_Exp	ortToSAPSel M1		1,201	8	00 4	01 10/25/2020 5:03:52 PM	v	10/25/2020 5:07:00 PM	M
teports												

Image Definitions:

Image	Description of the process
	Process Load Count to update the Dashboard immediately. The service page will
S	update the dashboard when it is processed.



Metrics - Count Data Entry - (Under Metrics)

Transform exports will be captured by the service page loaded into this table. Target Export will be shown here each time it is processed and deleted after 7 days if it is not used for count on the Dashboard. Target Data Cycle and Target Export must be unique so files cannot be duplicated in the Target Data Cycle.

Update the LOADED COUNT and FAILED COUNT for the records loaded into Target ERP. Then click the process toolbar to update the Dashboards. Service page will auto update if the user forgets to click process.

saProjectQA		ad	Count Data His	ton								¢
Issues		Edit		lory								NAS
Metrics												
Waves by Object	Ø	s	DATA OBJECT ¥ 1	TARGET EXPORT 7 2	TARGET DATA CYCLE ¥ 3	TOTAL COUNT	LOADED COUNT	FAILED COUNT	ACTION ON	USE FOR COUNT	LOG DATE	Ē
Waves by Source Databases	0	(*)	IV-P2P-Material	bxKNA1_ExportToSAPSel		1,201			10/29/2020 12:46:36 PM		10/29/2020 12:47:00 PN	1 🗄
Field Actions	0	8	IV-P2P-Material	txKNA1_ExportToSAPSel	M1	1,201	200	1,001	10/23/2020 11:49:53 AM		10/23/2020 2:42:00 PM	T ^e
Field Mappings Value Mappings	Ø	1	IV-P2P-Material	btKNA1_ExportToSAPSel	M1	1,201	800	401	10/25/2020 5:03:52 PM	v	10/25/2020 5:07:00 PM	Ē
Transform Summary Transform Errors	Ø	3	IV-P2P-Material	btKNA1_ExportToSAPSel	M2	1,201	500	701	10/26/2020 11:58:29 AM	~	10/26/2020 12:02:00 PN	1 6
Transform Audit	Ø	3	IV-P2P-Material	txKNA1_ExportToSAPSel	M3	1,201	800	401	10/26/2020 5:37:21 PM	~	10/26/2020 5:41:00 PM	ĺ
Load Counts By Wave Load Counts By Object	Ø	٥	IV-P2P-Material	txKNA1_ExportToSAPSel	M3	1,201	1,199	2	10/27/2020 11:39:05 AM		10/27/2020 11:40:00 AM	Ē
Count Data Entry	Ø	(*)	IV-P2P-Material	txMard_Inventory_ExportToSAPSel		402			10/29/2020 12:46:26 PM		10/29/2020 12:47:00 PN	1 6
Users Miscellaneous	Ø	3	IV-P2P-Material	txMard_Inventory_ExportToSAPSel	M2	402	50	352	10/25/2020 5:13:51 PM	4	10/25/2020 5:18:00 PM	Ē
Configuration	Ø	3	IV-P2P-Material	txMard_Inventory_ExportToSAPSel	M3	402	300	102	10/26/2020 11:57:16 AM		10/26/2020 12:02:00 PN	1 🗄
SightLine Auto-Validation	Ø	3	IV-P2P-Material	bdMard_Inventory_ExportToSAPSel	M3	402	380	22	10/27/2020 11:38:43 AM	~	10/27/2020 11:40:00 AM	Ē
Wave/Process Area/Objects	Ø	3	IV-P2P-Material	txMard_Inventory_ExportToSAPSel	M4	402	372	30	10/26/2020 5:40:36 PM	4	10/26/2020 5:41:00 PM	Ē
 Configuration Copy Wave Reports dmin 												

Image Definitions:

Image	Description of the process
	Process Load Cycle updates for charts now instead of waiting for the service page to
Q	run daily.



Metrics - User Metric Launch - (Under Metrics)

User metrics are designed to measure how many times a user logs-in per day. These stats can be misleading for two reasons. First, if the user is active all day, it may only show one log-in because there were no timeouts between a user clicking action buttons on the screen. Second, when a background processing job runs, it will create a new log-in for the user who clicked a process. If a user runs 30 Targets in Transform, it will count all those as log-ins to the systems. Therefore, you may see one log-in and a lot of mapping work. You may see 120 log-ins because they were running a series of Transform Targets, and perhaps doing other work. If you see no log-ins, it means they did not access DSP for that day. They may have done SQL SERVER development, Data Services Development or something else that day.



Image Definitions:

Image	Description of the process
\odot	Process User Metrics update now instead of waiting for the service page to run daily.
	Line chart displaying log in counts for the user by day.
۲	Targets assigned to the user to work on.
(Le)	User metrics history by day, week or month.

User will show last log-in and the targets they have been assigned to work on. These values are loaded from Target Developers in Target Design. Click the process image to update the statistics by a batch job that will run for a few minutes. The last image will display the metric history showing Daily, Weekly and Monthly stats.

dsp. 🗸) 📭 '
psaProjectQA ≡	Us	er Metric	Launch					Q	¢								
 Issues Metrics 	\odot		Luanon					U,	15 rows								
Waves by Object Waves by Source	US	ER ID		LOGI	NS LAST	UPDATE S	SNAP SHO	OT KEY 🛦									
Databases	DD	owney (Dan Dow	mey)		1 12/02/	2020 11:58:00AM 2	20201202										
Field Actions Field Mappings	AM	Icmackin (Adam I	McMackin)		2 12/01/	2020 10:58:00AM 2	20201201		(d) () () 21								
Value Mappings Transform Summary	EP	anya (Eugene Pa	anya)		1 12/01/	2020 12:57:00PM 2	20201201		(III) (III)								
Transform Errors Transform Audit	LR	ich (Larry Rich)			6 11/30/2	2020 8:58:00AM 2	20201130		(d) ()) 24								
Load Counts By Wave		loucet (Manuel D	loucet)		2 11/24/2	2020 9:58:00AM 2	20201124										
Load Counts By Object Count Data Entry Users	Tra	ansform O	bject Targ	et User I	ist EPanya				4 10								Q
Miscellaneous Configuration SightLine Auto-Validation	:	WAVE NAME v	PROCESS AREA	NAME	TARGET	USER ID	F	PRIMARY	DATABASE	SOURCES	SOURCE RULE AUTO	SOURCE RULES	TARGET RULE AUTO	TARGET RULES	TARGET REPORT AUTO	TARGET REPORTS	LAST UPDAT
Wave/Process Area/Objects	:	Eugene	MDM Customer	Material	ttMAKT	EPanya (Eugene Pa	inya)		dswEugene	2	15	25	3	3	8	8	12/02/2020 1:59:00AM
 Configuration Field Names 	:	Eugene	MDM Customer	Material	ttMARM	EPanya (Eugene Pa	inya)		dswEugene	3	48	58	4	4	8	8	12/02/2020 1:59:00AM
Report List All Error Report Type	:	Eugene	MDM Customer	Material	ttMARA	EPanya (Eugene Pa	inya)		dswEugene	20	412	422	4	7	123	123	12/02/2020 1:59:00AM
SQL Log Parameters	:	EugeneV2	MDM Customer	Customer	ttADR6	EPanya (Eugene Pa	inya)		dswEugeneV2	2	19	29	3	3	8	8	12/02/2020 1:59:00AM
Copy Wave Reports Admin	:	EugeneV2	MDM Customer	Customer	ttKNA1	EPanya (Eugene Pa	inya)		dswEugeneV2	4	28	38	3	3	8	8	12/02/2020 1:59:00AM

Image Definitions:

Image	Description of the process
\bigcirc	Process the user Login counts now. This process runs every couple of hours by default.



Metrics - Field Mapping Gate - (Under Metrics Configuration Sub Menu)

Field Mapping Gate page coexists with the page in Console 7.3 or lower; and it replaces it with Console 7.4 or higher.

Users must select Wave and Process Area, enter Gate Name, Target Date and Target Percentage. Field Mapping counts all actions mapped with a valid action. Not Used action must be entered for all active fields with no business requirements to get the percentages to 100%.

The counts and percentage are calculated when the service page is executed within the Map application.

Gate Metrics will stop being calculated when the current day is greater than the Gate Date.

Field N	Mapping Gate I	Metrics						× FILT	ER APPLIED	
:	PROCESS AREA ▼1	GATE NAME ▼ ³	GATE DATE ₹2	GATE PERCENTAGE	MAPPING PERCENT COMPLETE	MAPPING COMPLETED	MAPPING TOTAL	FIELD ACTIVE	FIELD TOTAL	LAST UPDAT DATE
0 0	IV - P2P	IV Mock1	4/27/2022	20	99	224	226	226	692	6/7/2021 11:59:00 PM
•	IV - P2P	IV Mock 2	9/13/2022	95	99	224	226	226	692	6/7/2021 11:59:00 PM
0 0 0	IV - P2P	IV Mock 3	7/21/2023	100	99	224	226	226	692	6/7/2021 11:59:00 PM





Parameters

Metrics - Value Mapping Gate - (Under Metrics Configuration Sub Menu)

Value Mapping Gate page coexists with the page Console 7.3 or lower; and it replaces it in Console 7.4 or higher.

Users must select Wave and Process Area, enter Gate Name, Target Date and Target Percentage. The percentages are counting the number of XREF values that have been mapped from Source Value to Target Value.

The counts and percentage are calculated when the service page is executed within the Map application.

Gate Metrics will stop being calculated when the current day is greater than the Gate Date.



Field Mappings Value Mappings	aProjectQA Databases Field Actions	■ Va	Add		apping Gate	Metrics						0,	10 rot
Transform Summary Transform Audit Load Counts By Wave Load Counts By Object Count Data Entry		Ø	:	s	WAVE	GATE NAME ▼ ³	GATE DATE ▼ ²	GATE PERCENTAGE	PERCENT COMPLETE	CHECK TABLE TOTAL	SOURCE TOTAL	LAST UPDATE	E DATE
Transform Audit Load Counts By Wave Load Counts By Wave More Load Wave Admin Database Admin Image Not Count (Nock 2) 100 100 100 100 Value Mapping Gate Wave Admin Database Admin Value Mapping Gate Wave Admin	Transform Summary	Ø	:	(*)	AdamTest	Mock 1	7/31/2021	33	100				
Transform Audit Image: Construction of the state o		0		[*]	AdamTest	Mock 2	10/29/2021	60	100				
Load Counts By Value <i>i</i> ⁱ ⁱ		- C		[*]	AdamTest	Mock 3	12/31/2021	100	100				
Count Data Entry Users Image: CostroDSP VALUE MOCK 2 10/31/2018 100 100 Wiscellaneous Image: CostroDSP VALUE MOCK 2 10/31/2018 100 1 6/7/2021 Message Log SnapShot Log Image: Configuration Field Mapping Gate Image: Configuration Value Mock Load 9/30/2021 500 100 1 6/7/2021 Value Mock 2 8/31/2022 8/0 100 1 6/7/2021 100 100 1 10/7/2021 Value Mock 2 8/31/2022 8/0 7/4 1 1 6/7/2021 Configuration Field Mapping Gate Image: Configuration 1 10/7/2021 9/0 100			•	_									
Users Image: Constraint of the constraint of													
Miscellaneous Image: Configuration Image: Configuration <thimage: configuration<="" th=""> Image: Configurat</thimage:>				-	C53ToDSP	VALUE MOCK 2	10/31/2018	100	100				
SnapShot Log		Ø	:	[^]	IV	Value Mock1	5/3/2022	50	74	1	1	6/7/2021	
Configuration Image: Configuration Image: Configuration Field Mapping Gate Image: Configuration 9/00/2021 9/0 Value Mapping Gate Image: Configuration 12/1/2021 10/0 Wave Admin Database Admin Image: Configuration Image: Configuration	Message Log	Ø	:	(Å)	IV	Mock 2	8/31/2022	80	74	1	1	6/7/2021	
Field Mapping Gate Image: Lewis MockLoad 9/0/2/2/1 9/0 100 Value Mapping Gate Image: Lewis GoLive 12/1/2021 100 100 Wave Admin Database Admin Database Admin Image: Lewis GoLive 12/1/2021 100	SnapShot Log	0	:	(Å)	Lewis	MyFirstGate	7/20/2021	50	100				
Field Mapping Gate Image: Constraint of the second secon			:	[*]	Lewis	Mockl oad	9/30/2021	90	100				
Value Maphing Gate De				-									
Database Admin		_	:		Lewis	GoLive	12/1/2021	100	100				
Load Target Cycle Dates Load Target Cycle	Load Target Cycle Dates												
	WorkFlow Admin												
	Missing Gate Metrics												

Metrics – Wave Admin - (Under Metrics Configuration Sub Menu)

Wave Admin web page will display wave activity Metric application and show missing Gate metrics. If the Active is checked, the stats will be processed for this database. The delete button will remove all stats for the wave in the database.

saProjectQA ≡	Wa	ave Admin								م 🗘
Issues		Edit 🔄								28 rows
Metrics Waves by Object	D	WAVE NAME V	ACTIVE	COMMENTS FI		FIELD ACTION		TRANSFORM	MISSING FIELD GATE	
Waves by Object Waves by Source	-		NOTIVE	COMMENTO TH		TILLBROTOTION		Transf or an		
Databases	Ø	AdamTest	-						۲	
Field Actions	Ø	Address	~					\odot	۲	۲
Field Mappings	Ø	AddrServer						\odot		
Value Mappings Transform Summary	Ø	C53ToDSP								
Transform Summary Transform Errors	0	CARS4	~			\bigcirc		\bigcirc	(*)	×
Transform Audit	Ø	DataFilter	~					Ø	(*)	
Load Counts By Wave		DSPOnHANA							(X)	0
Load Counts By Object	Ø		~					\odot		8
Count Data Entry	Ø	Educate	~			\odot		\odot	*	۲
Users Miscellaneous	Ø	EducateDan	1						×	
 Miscellaneous Configuration 	Ø	Eugene	~			\odot		\odot	۲	۲
Field Mapping Gate	Ø	EugeneV2	~			\bigcirc		\bigcirc	(*)	(*)
Value Mapping Gate	0	EW	~						(*)	(*)
Wave Admin	0	Harmonize	~			\odot		\odot	×	×
Database Admin	ð	InMemory	~			0		0	(x)	
Load Target Cycle Dates Load Target Cycle	_				0	0	0		۲	۲
WorkFlow Admin	Ø	IV	~		\odot	\odot	\odot	\odot		
Missing Gate Metrics	Ø	JFS_Test1	-						۲	۲
Missing Value Mapping Gate	Ø	Kimble	-						۲	۲
Parameters	Ø	Lewis	~						۲	
SightLine	Ø	Manuel	~			\bigcirc		\bigcirc	(*)	(*
Auto-Validation Copy Wave	0	MDM	~					Õ	(*)	×
Reports	Ø	Mike	~			\bigcirc		$\overline{\bigcirc}$		×
\dmin	ð	MJ	~			\odot		\odot		
	-					۲		٢	-	-
	Ø	MJ02	~						8	*
	Ø	psaAutoVal	~			\odot		\odot	*	×
	Ø	Relevancy	-						۲	
	Ø	S/4HANA	~						×	(*)

Image Definitions:

Image	Description of the process
$\overline{\bigcirc}$	Remove the metrics for this wave.

Metrics – Database Admin - (Under Metrics Configuration Sub Menu)

Database Admin page will show all databases found in Wave-Process Area-Object configuration. It will track metrics on the changes made to the objects for each database. The database can be made inactive and the Delete image on the toolbar will remove the entry and all metrics for it.

v ▼								
ProjectQA ssues	Database Ad				م 28 rows			
Vietrics	Add E	dit 🕘						
Waves by Object	DATABASE 🔻	ACT	VE LAST UPDAT	E COMMENTS	600			
Waves by Source	Drinbride .	101		-				
Databases	-				201 25 4 1			
Field Actions	& dswFICOMaste	erData 🗸	06/17/2021 8:	58:00AM	0 0 0 4 1			
Field Mappings Value Mappings	🖉 dswHarmoniza	ition 🗸	06/17/2021 8:	58:00AM	1832 25 37 1			
Transform Summary	🖉 dswHarmoniza	ition_Cust	06/17/2021 8:		1573 25 18			
Transform Errors	-							
Transform Audit	🖉 dswHarmoniza	tion_Vendor	06/17/2021 8:		⑦ € ⊕ ▲ 1018 25 5			
Load Counts By Wave	dswHekaton		06/17/2021 8:		M M M			
Load Counts By Object	USWITEKALON	Data		29-99-001	100 AST 100 121			
Count Data Entry	Database Ol	bject Details dsw	Harmonization				0	¢
Users Miscellaneous		-						2974 rows
Configuration								
Field Mapping Gate	DATABASE ¥	OBJECT NAME	TYPE	USED IN FIELD RULE	CREATE DATE	LAST UPDATE	DELETED IND	ACTIVITY IND
Value Mapping Gate	dswHarmonization	AddressSource	Table	0	11/6/2019 11:52:00 AM	11/06/2019 2:38:00PM	0	0
Wave Admin	dswHarmonization	baoGetMatchWordCoun	t Function	n 0	10/3/2018 5:32:00 PM	10/03/2018 8:37:00PM	0	0
Database Admin	dswHarmonization	boaAbbreviate	Function	0	10/3/2018 5:32:00 PM	10/03/2018 8:37:00PM	0	0
Load Target Cycle Dates	dswHarmonization	boaColumnList	View	0	8/3/2018 9:52:00 AM	08/08/2018 7:38:00PM	0	0
Load Target Cycle	dswHarmonization	boaDataSourceAllSel	View	0	8/3/2018 9:52:00 AM	08/08/2018 7:38:00PM	0	0
WorkFlow Admin	dswHarmonization	boaDataSourceSel	View	0	8/3/2018 9:52:00 AM	08/08/2018 7:38:00PM	0	0
Missing Gate Metrics Missing Value Mapping G	dswHarmonization	boaGetWeekDaysCount	Function	ı 0	10/3/2018 5:32:00 PM	10/03/2018 8:37:00PM	0	0
Parameters	dswHarmonization	boaHighlightChangedDa	ta Function	0	3/7/2019 9:09:00 AM	03/07/2019 10:38:00AM	0	0
ightLine	dswHarmonization	boaJobQueueSel	View	0	8/3/2018 9:52:00 AM	08/08/2018 7:38:00PM	0	0
uto-Validation	dswHarmonization	boaJobQueueTaskSel	View	0	8/3/2018 9:52:00 AM	08/08/2018 7:38:00PM	0	0
Copy Wave	dswHarmonization	boaKeyFieldsNotDefault	Collation View	0	7/31/2020 7:03:00 PM	07/31/2020 10:48:00PM	0	0
Reports	dswHarmonization	boaLevenshtein	Function		10/3/2018 5:32:00 PM	10/03/2018 8:37:00PM	0	0
min	dswHarmonization	boaLevenshtein2	Function	0	10/3/2018 5:32:00 PM	10/03/2018 8:37:00PM	0	0
	dswHarmonization	boaLevenshtein3	Function	0	10/3/2018 5:32:00 PM	10/03/2018 8:37:00PM	0	0
	dswHarmonization	boaLevenshteinScore_E	ak Function	0	5/28/2020 7:37:00 PM	05/28/2020 11:49:00PM	0	0
	dswHarmonization	boaObjectList	View	0	8/3/2018 9:52:00 AM	08/08/2018 7:38:00PM	0	0
	dswHarmonization	boaProcedureList	View	0	8/3/2018 9:52:00 AM	08/08/2018 7:38:00PM	0	0
	dswHarmonization	boaScramble	Function	0	10/3/2018 5:32:00 PM	10/03/2018 8:37:00PM	0	0
	dswHarmonization	boaSqlList	View	0	8/3/2018 9:52:00 AM	08/08/2018 7:38:00PM	0	0
	dswHarmonization	boaStreetKey	Function	0	10/3/2018 5:32:00 PM	10/03/2018 8:37:00PM	0	0
	dswHarmonization	boaStripAllBut	Function	0	10/3/2018 5:32:00 PM	10/03/2018 8:37:00PM	0	0

Image Definitions:

Image	Description of the process
\bigcirc	Remove the metrics for this database.
0	All SQL server objects developed in the database.
Ś	Database metrics for SQL SERVER objects by Day, by Week and by Month.
۲	Targets assigned to this database.
۲	Developers assigned to work on the Transform Targets that use this database.

Metrics – Load Target Cycle Dates - (Under Metrics Configuration Sub Menu)

Building Target Cycles Dates from the beginning must start on this page. DSP 7.4.X will support reading the Load Cycles from Console.

LOAD ALL Process Areas execution will work for a Target Data Cycle and Target date if the Data Cycle and Target Dates have been entered for a single row.

Load Wave will add all missing Process Areas to all the Load Data Cycle to the table. The first row will be used as a Template for all other process areas.

saProjectQA ≡	Lo	ad Target Cycle	Dates			0	¢	
Issues		Add Edit					6 rov	15
Metrics			-				_	-
Waves by Object	Ø	WAVE NAME V	PROCESS AREA	NAME	TARGET DATA CYCLE	TARGET DATE	\oplus	Ŵ
Waves by Source	Ø	IV	P2P	Material	GoLive	9/30/2021	$ \mathbf{\bullet} $	Ŵ
Databases	Ø	IV	P2P	Material	M1		$\underbrace{\check{\bullet}}$	Û
Field Actions Field Mappings	-							
Value Mappings	Ø	IV	P2P	Material	M2		Ð	Ŵ
Transform Summary	Ø	IV	P2P	Material	M3	1/29/2021	$\textcircledleftettettettettettettettettettettettette$	ŵ
Transform Errors	Ø	IV	P2P	Material	M4	2/1/2021	÷	Ŵ
Transform Audit	Ø	IV	P2P	Material	M5		Ť	Ē
Load Counts By Wave	6	IV	P2P	Material	MD	4/30/2021	T	Ш
Load Counts By Object								
Count Data Entry								
Users								
 Miscellaneous 								
 Configuration 								
Field Mapping Gate								
Value Mapping Gate								
Wave Admin								
Database Admin								
Load Target Cycle Dates								
Load Target Cycle								
WorkFlow Admin								
Missing Gate Metrics								
Missing Value Mapping Gate								
Parameters								
SightLine Auto-Validation								
Copy Wave Reports								
Reports								

Image Definitions:

Image	Description of the process
	Load all the Process Areas and Target Data Cycle for current wave.
	Load all Target Cycles for select Wave and Process area

Metrics – Load Target Cycle (Under Metrics Configuration Sub Menu)

Load Target Process Area will display waves and process areas with Target Data Cycles and Target Dates.

Child binding on the child page will prevent adding more Target Cycles from being added but the LOAD ALL Process Areas execution will work for a Target Data Cycle and Target date.

Load Wave will add all missing Process Areas to all the Load Data Cycle to the table.

isp 🗸							
osaProjectQA ≡ ► Issues	Load Targe	t Process Are	ea		C		
 Metrics Waves by Object 	WAVE NAME •	PROCESS AREA	TARGET DATA CYCL	E TARGET DATE 🏔	#		
Waves by Source Databases	IV	P2P	GoLive	9/30/2021 🕅	(#)		
Field Actions Field Mappings	IV	P2P	M1	11/27/2020 (A) 1	(#) 2		
Value Mappings Transform Summary	IV	P2P	M2	12/31/2020 🕅 1	(#) 2		
Transform Errors	IV	P2P	M3	1/29/2021 (A) 1	(#) 4		
Load Counts By Wave Load Counts By Object	IV	P2P	M4	2/1/2021	(#) 1		
Count Data Entry Users	IV	P2P	M5	4/30/2021 🚓 1	#		
 Miscellaneous Configuration 							
Field Mapping Gate Value Mapping Gate	=						
Wave Admin Database Admin Load Target Cycle Dates	Load Targe	t Cycle Dates	Wave Name Process Ar S IV P2P	ea Target Data Cycle GoLive		O,	1 rows
		E▼ PROCE	SS AREA NAM	IE TARGET DA	TA CYCLE	TARGET DATE	• 🖻
Missing Gate Metrics Missing Value Mapping Gate	Ø IV	P2P	Mat	erial GoLive		9/30/2021	+
Parameters SightLine Auto-Validation 							
 Copy Wave Reports 							
Admin							

Image Definitions:

Image	Description of the process
	Load all the Process Areas and Target Data Cycle for current wave.
Ð	Load all Target Cycles for select Wave and Process area



Metrics – Workflow Admin - (Under Metrics Configuration Sub Menu)

Report Admin will create XLSX dashboards via Automate Interface. This interface will run file commands and CranPort to update XLSX data sheets for the graphs. This page will allow users to be assigned and create the files on a scheduled basis.

dsp.	
psaProjectQA ≡ ► Issues	Report Admin Q Provide Add Trows
 Metrics SightLine Auto-Validation 	
 Copy Wave Reports Admin 	WeeklyMetricsSummary Chart of DSP MIgrate 5
	Report Users Report Add Edit
	⊘ S REPORT ▼ USER ID ACTIVE
	Image: WeeklyMetricsSummary DDowney (Dan Downey) Image: Imag

Image Definitions:

Image	Description of the process
\odot	Process Report to generate a dashboard and email it to the group.
<u>+</u>	Download the last file generated for the charts and sent to the user group.
٢	Users assigned to receive the workflow.
	History of all workflow records set to the users.

Metrics - Parameter - (Under Metrics Configuration Sub Menu)

Parameter page will give options on the number of days to maintain the metrics of the project. There is a Date option to display some dates in European format.

dsp. 🔻										
isaProjectQA ≡ Issues Metrics	Parame	eters								Q 1 roves
Waves by Object Waves by Source	0 :	UPDATE LOAD COUNTS T	EUROPE DATE FORMAT	DAILY RETENTION IN DAYS	WEEKLY RETENTION IN DAYS	MONTHLY RETENTION IN DAYS	DAILY DISPLAY DAYS	WEEKLY DISPLAY DAYS	MONTHLY DISPLAY FILE DATA SOURCE ID DAYS	WORKFLOW PROCESS DATETIME
Databases Pield Actions Field Mappings Value Mappings Transform Surmary Transform Fores Transform Fores Transform Audit Load Counts By Object Count Data Count Data Count Data Count Data Count Data Count Data Value Mapping Gate Value Mapping Gate Matrics Missing Cate Matrics Missing Cate Matrics Missing Value Mapping Gate Value Value Mapping Count Value Valu	0 :	v		40	71	100	12	45	199 cMap_Desgn_FiePath	

Metrics - Missing Gate Metrics - (Under Metrics Configuration Sub Menu)

Page displays all waves missing in Field Mapping Gate metrics. This page is READ ONLY and is displayed as a missing image on the Wave Admin page.

This process has been removed in Console starting with DSP 7.4.x. It is now visible in the Metrics Configuration menu.

aProjectQA ≡	Missing G	ate Metrics		م 📫 🔅
Issues Metrics				3110W5
Waves by Object	NAME V	PROCESS AREA	WAVE DESCRIPTION	PROCESS AREA DESCRIPTION
Waves by Source	Address	Cleanse	psaAddress: Global Address Verification Service	Cleanse Address
Databases	Address	AddressServer	AddrServer Initial converted wave	AddressServer
Field Actions				
Field Mappings	CARS4	OTC	Car S4 HANA Migration	Order To Cash
Value Mappings	CARS4	VMS	Car S4 HANA Migration	Vehicle Management Systems
Transform Summary	CARS4	BP	Car S4 HANA Migration	Business Partner
Transform Errors	CARS4	RTR	Car S4 HANA Migration	Record To Report
Transform Audit	CARS4	BW	Car S4 HANA Migration	Business Warehouse
Load Counts By Wave	CARS4	PTM	Car S4 HANA Migration	Plan to Manufacture
Load Counts By Object	CARS4	PTP	Car S4 HANA Migration	Procure To Pay
Count Data Entry Users	Central	Relevancy	Relevancy / Cross Ref / Reusable Code	Business Relevancy Pre-Processing
Miscellaneous	DataFilter	FilteringReport	Data Filtering	Filtering Reports
Configuration	DSPOnHANA	FICOMasterData	DSP On Hana	Finance and controlling Master Data
Field Mapping Gate	DSPOnHANA	Customer	DSP On Hana	Customer Master
Value Mapping Gate	Educate	Performance	Performance Test baseline versus simple dynamic sql	Performance Tests
Wave Admin	Eugene	MDM Customer	Build a Wave (MARA, MAKT & MARM)	Customer Master
Database Admin	EugeneV2	MDM Customer	Build a Wave (KNA1 & ADR6)	Customer Master
Load Target Cycle Dates	FW	Harmonization	Fric Test - Harmonization	Harmonization
Load Target Cycle WorkFlow Admin	Harmonize	Solution	psaHarmonization	Harmonize Solution
Missing Gate Metrics	InMemory	MDM Customer	SQL InMemory Test	Customer Master
Missing Value Mapping Gate				
Parameters	JFS_Test1	Customer Master	psaSAPConfiguration Test 1 - JSanders	Customer Master Data
SightLine	Manuel	AddressServer	Wave for Testing	AddressServer
Auto-Validation	Manuel	MDM Customer	Wave for Testing	Customer Master
Copy Wave	MDM	Vendor	psaHarmonization	Vendor Master
Reports	MDM	MDM Customer	psaHarmonization	Customer Master
Imin	Mike	MDM Customer	Wave for testing	Customer Master
	MJ	MDM Customer	MJ - Wave setup test01	Customer Master

Metrics – Missing Value Mapping Gate - (Under Metrics Configuration Sub Menu)

Page displays all waves missing in Value Mapping Gate metrics. This page is READ ONLY and is displayed as a missing image on the Wave Admin page.

This process has been removed in Console starting with DSP 7.4.x. It is now visible in the Metrics Configuration menu.

dsd 🗸			
psaProjectQA ≡	Missing Va	lue Mapping Gate	o, 🛱
 Issues 			23 rows
 Metrics 			
Waves by Object	NAME 🔻	DESCRIPTION	
Waves by Source	Address	psaAddress: Global Address Verification Service	
Databases	AddrServer	AddrServer Initial converted wave	
Field Actions	CARS4	Car S4 HANA Migration	
Field Mappings	Central	Relevancy / Cross Ref / Reusable Code	
Value Mappings	DataFilter	Data Filtering	
Transform Summary		-	
Transform Errors	DSPOnHANA	DSP On Hana	
Transform Audit Load Counts By Wave	Educate	Performance Test baseline versus simple dynamic sql	
Load Counts By Object	Eugene	Build a Wave (MARA, MAKT & MARM)	
Count Data Entry	EugeneV2	Build a Wave (KNA1 & ADR6)	
Users	EW	Eric Test - Harmonization	
 Miscellaneous 	Harmonize	psaHarmonization	
▼ Configuration	InMemory	SQL InMemory Test	
Field Mapping Gate	JFS_Test1	psaSAPConfiguration Test 1 - JSanders	
Value Mapping Gate	Kimble	Kimble Migration	
Wave Admin	Manuel	Wave for Testing	
Database Admin	MDM	psaHarmonization	
Load Target Cycle Dates Load Target Cycle	Mike	Wave for testing	
WorkFlow Admin	MJ	MJ - Wave setup test01	
Missing Gate Metrics	MJ02	MJ - Wave setup test02	
Missing Value Mapping Gate	psaAutoVal	psaAutoValidate Test	
Parameters	S/4HANA	S/4HANA	
► SightLine	S4HANA	Migrate to S4HANA (Syniti)	
Auto-Validation	SAPToWD HR	SAP to WorkDay HR	
► Copy Wave	CALINID_HK	or to trombay inc	
Reports			
Admin			

SightLine – Sightline Base (DocIt) - (Under Sightline)

Sightline starts with a Wave ID. Click add and select a wave to start documenting the process and tracking the executions.

Each wave has two buttons:

- 1) Doclt for building out the steps for documentation.
- 2) TrackIt for tracking the execution of the steps for documentation.
- 3) Click DocIt to open the child page of DocIt PM Migrate
- 4) Click the add to enter a Process Area, Object, Tier and person responsible
- 5) Click the Steps Image to start adding tasks to the process
- 6) Click the Notes Image to add some notes to the DocIt entry selected.
- 7) When process completed, Run the TrackIt when the object is ready for Mock Load or Go Live

After adding the Process Area, Click on Migration Steps to list each component in the execution.

dsp. 🗸							
psaProjectQA ≡	SightL	.ine - Base	0	\$			
► Issues	Add	Edit		4 rows			
 Metrics 							
▼ SightLine		S WAVE NAME V					
SightLine - Base	0	🕽 DSPOnHANA (🤶	8				
 Configuration Auto-Validation 	Ø :		8				
 Copy Wave 	P •						
Reports	-						
Admin		5/4HANA	8				
	Add	- PM Migrate ^{Wave Name} S/HANA Edit © S PROCESS AREA NAME ¥	OBJECT NAME	TIER	PERSON RESPONSIBLE	(i) (i) A	⊂¥rows 4 rows
	0:	🔊 отс	Customer Master	1: Tier 1	Henry Minich	(i) 🕐 3 1	 Image: A state of the state of
	0:	P2P	Vendor Master	1: Tier 1	Natalie James Dunlap	9	 Image: A market and the second /li>
		P2P	Purchase Info Records	2: Tier 2		(]) 📎	 Image: A market and the second /li>
	01	ртр	Delta Vendor	2: Tier 2	Andrew Lund	(i) 9	× 🛃 🕘 🛍

Image Definitions:

Image	Description of the process
٩	Doclt PM Migration – Manage process areas and tasks
	TrackIt PM Base – Track process areas and tasks by load cycle.
\bigcirc	Update Object will default some steps if there are not any there.
(\mathbf{i})	Document Steps for the process area
V	Notes for the Steps for processing the process area
X	Generate Report with all Process Area Tasks. This will build an htm file with detail tasks.
(Download the report to user's personal machine. Download htm file about the Process Area.

SightLine – DocIt – Migration Steps - (Access from Sightline Base)

Enter all the tasks for this Migration Step.

The Pre-populate will load some default tasks into the page.

Copy Step will insert the current step as the next step for a user to make adjustments.

Enter Migration Notes for more details on each step.

All the list boxes are controlled elements under the configuration menu.

3	0	1: Dependency +	[Choose one]	↓ [Choose one]	▼ [Choose one]	Figure (Choose one)	•	Ŵ
		[Choose one]	[Choose one]	· •				



Image Definitions:

Image	Description of the process
Ŵ	Notes for the Steps for processing the process area
Pre-Populate	Insert some default tasks into the Migration Steps
Copy Step	Insert the current step as the next step and let a user make some adjustments to the next step.

SightLine – Sightline Base (TrackIt PM Base) - (Under Sightline)

TrackIt PM Base will track progress as a user marked it complete.

This page provides 3 ways to look at the steps.

- 1) Details show a list of all steps for the Wave Load Cycle
- 2) Process area will show a list of steps for the Wave Load Cycle by Process area
- 3) Tier will show a list of steps for the Wave Load Cycle by Tiers

The InProgress and Complete flag are manually set to show which ones are in progress and which ones have been completed.



Image Definitions:

Image	Description of the process
(\mathbf{i})	TrackIt Load cycle with all step details.
\$ \$	TrackIt Load cycle steps by process area.
	TrackIt Load cycle steps by Tier.

SightLine – TrackIt – PM Migrate - (From TrackIt PM Base)

Click Details on the TrackIt main page to see the status of each step.

There is a REFRESH ALL to update all the steps.

There is a REFRESH to update the current step that is highlighted.

NO UPDATES CAN BE ENTERED ON THIS PAGE!

Click the TrackIt image to update the selected step and its processing status.

dsp. 🗸									
psaProjectQA	≡ Tracklt - P	M Migrate S/4HANA	Load Cycle Mock 1						م 🗘
 Issues 	0								4 rows
 Metrics 									
 SightLine 	WAVE NAME	PROCESS AREA NAME ▼ ³	OBJECT NAME ▼ ⁴	TIER	PERSON RESPONSIBLE	ACTIVE ▲ ¹	PERCENT COMPLE	OVERALL STATUS	UNMET DEPENDENCIES
SightLine - Base	S/4HANA	OTC	Customer Master	Tior 1	Henry Minich		(C)	Finished	
 Configuration 	3/4HANA	010	Customer waster	Tiel I	Henry Million	~		rinsted	
 Auto-Validation 	S/4HANA	PTP	Delta Vendor	Tier 2	Andrew Lund	~	E	Preload Processing	
 Copy Wave 	S/4HANA	P2P	Purchase Info Records			V	(E)	Not Started	
Reports Admin	S/4HANA	P2P	Vendor Master			v			

Image Definitions:

Image	Description of the process
۲	Refresh All steps status
\odot	Refresh the current step status
Ø	Click Status Image to open TrackIt Migration Steps Base View
٢	Unmet Dependencies are still outstanding



SightLine – TrackIt – Migrate Steps Base View - (From PM Migrate)

In-Process Image will open the page for all the steps to be processing.

Completed Image will open the completed steps that can be reset if one has to be reprocessed.

Unmet Dependencies will display all Unmet dependencies for the next step to continue.



Image Definitions:

Image	Description of the process
ightarrow	Go to In Process Steps
\bigcirc	Go to Completed Steps
۲	Go to a list of Unmet Dependencies



SightLine - TrackIt - Migrate Steps in Process - (From Migrate Steps Base View)

List of steps that are in processing mode by the team. Click the Status Image to flip the process from Stage to In-Processing Click the Completed Image to make the step completed. Any column with the exclamation mark is critical for the processing.

dsp. 🗸									
psaProjectQA	≡ Tra	acklt - Mig	grate Step	s - In Progre	ess	Load Cycle Wave Name PM_Migrate_ID Mock 1 S/4HANA 30			o, 🗘
 Issues Metrics 	Vie	ew Complete							7 rows
 SightLine 	S	PRIORITY v	CRITICALITY	GENERIC STEP	D	TASK	PERSON RESPONSIBLE	TIME ESTIMATE	ENVIRONMENT
 Auto-Validation Copy Wave 		1		Dependency	\bigcirc				
Reports	0	20	1	Load	D				
Admin		40	1	Postload	D	Using Collect, refresh table LFA1 (dgSAP : SAP_S4H).			Load ADM
		50	Ť	Postload	D	Using Transform, process target ttLFA1_Postload (P2P : Vendor Master).			Load ADM
		60	Ť	Postload	D	Using Transform, process target ttLFB1_Postload (P2P : Vendor Master).			Load ADM
		70	¥	Postload	D	Using Transform, process target ttLFM1_Postload (P2P : Vendor Master).			Load ADM
		80	1	Postload	D	Using Transform, process target ttLFBK_Postload (P2P : Vendor Master).			Load ADM
					0				

Image Definitions:

Image	Description of the process
	(S Column) First column will change from Ready to Processing by clicking on it
\square	Mark the Step as completed.



SightLine – TrackIt – Migrate Steps Complete - (From Migrate Steps Base View)

List of steps that have been completed by the team working on the TrackIt process.

Click the reset button to send the steps back to In-Process mode.

Any column with the exclamation mark is critical for the processing.



Image Definitions:

Image	Description of the process
Reset	Reset the Step and move it back to In Process.



SightLine – TrackIt – Migrate Steps - Unmet Dependencies - (From Migrate Steps Base View)

List of steps that have not been completed for the process. Click the Status Image to flip the process from Stage to In-Processing Click the Completed Image to make the step completed. Any column with the exclamation mark is critical for the processing.



Image Definitions:

Image	Description of the process
	(S Column) First column will change from Ready to Processing by clicking on it
\bigcirc	Mark the Step as completed.

SightLine – TrackIt – PM Migrate - ProcessAreaView - (From TrackIt – PM Base)

TrackIt by Process Area to review steps in each Process Area – Objects.

Click the Status Image on the Objects page to open the Migrate Steps page.

Users can then start marking the steps completed or reset them.

dsp 🗸								
psaProjectQA ≡	TrackIt - PM Mi	igrate - Process	AreaView S/4HANA	ne Load Cycle Mock 1		¢		
Issues Metrics SightLine SightLine - Base	WAVE NAME V PRO				:	2 rows		
Configuration Auto-Validation Copy Wave	S/4HANA OTC S/4HANA P2P	CCESS AREA NAME @						
Reports Admin		2						
	-							
	TrackIt - PM Mi ©	igrate - Objects	Wave Name Process Area Na S/4HANA OTC	me Active Load Cycle True Mock 1				O Trows
	WAVE NAME PROCI	ESS AREA NAME 🔻 ³ C	DBJECT NAME ¥ ⁴ TIEF	PERSON RESPONSIBLE	ACTIVE ▲ ¹ P8	ERCENT COMPLETE	OVERALL STATUS	UNMET DEPENDENCIES
	S/4HANA OTC	C	Customer Master Tier	1 Henry Minich	~	Ø	Not Started	

Image Definitions:

Image	Description of the process
0	Objects within this process area that have steps.
\odot	Refresh the current step status
Ø	Click Status Image to open TrackIt Migration Steps Base View
۲	Unmet Dependencies are still outstanding

SightLine – TrackIt – PM Migrate - TierView - (From TrackIt – PM Base)

TrackIt by Tier to review steps in each Process Area – Objects.

Click the Status Image on the Objects page to open the Migrate Steps page.

Users can then start marking the steps completed or reset them.

dsp.							
psaProjectQA ≡ I issues Metrics SightLine SightLine - Base Configuration Auto-Validation Copy Wave Reports Admin	TrackIt - F WAVE NAME S/4HANA S/4HANA	PM Migrate - TierVie	Wave Name Load Cy W S/4HANA Mock 1	de C	2 ross		
	Tracklt - F ©	PM Migrate - Object	Active Wave Nar Tier True S/4HANA	ne Load Cycle Mock 1			2 rows
	WAVE NAME	PROCESS AREA NAME \mathbf{v}^3	OBJECT NAME ▼ ⁴	TIER PERSON RESPONSIBLE	ACTIVE A 1	PERCENT COMPLETE	OVERALL STATUS UNMET DEPENDENCIES
	S/4HANA	P2P	Purchase Info Records		V	Ø	Not Started
	S/4HANA	P2P	Vendor Master		v	Ø	Not Started

Image Definitions:

Image	Description of the process
1	Process Area and Objects by Tier
\odot	Refresh the current step status
\blacksquare	Click Status Image to open TrackIt Migration Steps Base View
۲	Unmet Dependencies are still outstanding

SightLine – Doclt App - (Under Sightline Configuration Sub Menu)

Syniti BackOffice

DocIt – Applications that will be used for the document and TrackIt. Applications like Boomi can be added in the future.

dsp. 🗸					
psaProjectQA ≡	Do	clt	- Арр		o, 🛱
IssuesMetrics		Add	Edit		15 rows
▼ SightLine SightLine - Base	Ø	:	APP v	z custom	
 Configuration App 	Ø	:	Collect		
AppAction Custom SubTargets	Ø	:	Construct	Ē	
Custom Targets Collect Targets	Ø	:	Data Services	圓	
Person Responsible Se		:	dspMonitor		
Environment Load Cycles	Ø	:	Email	Ē	
Auto-ValidationCopy Wave	Ø	:	Excel HP-ALM		
Reports Admin	Ø	:	Integrate	<u></u> 同	
Autim	Ø	:	psaTransport		
	Ø	:	SAP	Ē	
	Ø	:	Shared Drive	Ē	
	Ø	:	Sharepoint	Ē	
	Ø	:	SQL	Ē	
	Ø	:	Transform	Ē	

SightLine – DocIt App Action - (Under Sightline Configuration Sub Menu)

DocIt Applications will perform an action that needs to be captured by the tool. Boomi Ran Jobs may have to be added in the future for some clients.

dsp. 🗸					
psaProjectQA ≡	Do	clt	- App Actio	on	o, 🗘
 Issues 		Add	Edit]	26 rows
MetricsSightLine	Ø	:	APP v	APP ACTION	z custom 🔟
SightLine - Base ▼ Configuration	Ø	:	Construct	Download Table Data	Ē
Арр	Ø	:	Construct	Upload Table Data	圓
AppAction Custom SubTargets	Ø	:	Data Services	Run Job	
Custom Targets Collect Targets	Ø	:	dspMonitor	Run Group	Ē
Person Responsible Sec	Ø	:	Email	Receive File	
Environment Load Cycles	Ø	:	Email	Send File	Ē
 Auto-Validation 	Ø	:	Excel	Save File	Ē
 Copy Wave Reports 	Ø	:	HP-ALM	Create Defect	Ē
Admin	Ø	:	HP-ALM	Execute Script	Ē
	Ø	:	Integrate	Post Process	Ē
	Ø	:	psaTransport	Compare Group	Ē
	Ø	:	psaTransport	Promote Group	Ē
	Ø	:	SAP	Execute Tcode	Ē
	Ø	:	Shared Drive	Download File	Ē
	Ø	:	Shared Drive	Upload File	Ē
	Ø	:	Sharepoint	Download File	Ē
	Ø	:	Sharepoint	Upload File	Ē
	Ø	:	SQL	Run Stored Procedure	Ē

SightLine – Doclt - App Action Sub Target - (Under Sightline Configuration Sub Menu)

Application Action will require additional steps for inserting parameters.

This process documents which actions will require parameters.

Assemble will require CPPackageID to run a package for downloading data.



SightLine – Doclt - App Action Target - (Under Sightline Configuration Sub Menu)

Application Action Targets can download one set of data then start another set or processing steps. This page tracks the ability to start the next Step after this step completes.

osaProjectQA ≡	Do	oclt	- App Acti	on Target C	ustom Inserts		0
► Issues ► Metrics		Add	Edit				
✓ SightLine	Ø	:	APP 🔻	APP ACTION	APP ACTION SUBTARGET	APP ACTION TARGET	副
SightLine - Base ▼ Configuration	Ø	:	Assemble	Run Package		Natalie's import	Ê
App	Ø	:	Email	Send File		list of counts	Ŵ
AppAction Custom SubTargets Custom Targets Collect Targets	Ø	:	psaTransport	Compare Group		Vendor	Ŵ
Person Responsible Sec Environment Load Cycles							
Auto-Validation Copy Wave teports							

SightLine – DocIt - Collect - (Under Sightline Configuration Sub Menu)

DocIt will use a list of Collect Targets as part of the tracking of the data through the process. Collect Targets can be added here and then DocIt can have a task pointing to this Target & Table.

dsp. 🗸	
SightLine - Base ▼ Configuration	DocIt - Collect ▲ Add Edit COLLECT TARGET ACTIVE ✓ dgRepository_IS ✓ dgSAP
App AppAction Custom SubTargets Custom Targets Collect Targets	
Person Responsible Sec Environment Load Cycles Auto-Validation Copy Wave Reports Admin	
SightLine – Doclt – Security Role - (Under Sightline Configuration Sub Menu)

Drop Down List of Security Roles used in the application for documenting the steps.

dsp. 🗸		
 psaProjectQA ≡ Issues Metrics SightLine SightLine - Base Configuration App AppAction Custom SubTargets Custom Targets Collect Targets 	DocIt - Security Role Add Edit Image: Security Role NAME ▼ ACTIVE Image: Developer	1 rows
Person Responsible Sec Environment Load Cycles Auto-Validation Copy Wave Reports Admin		

SightLine – Doclt – Environment - (Under Sightline Configuration Sub Menu)

Documentation Tasks for which environment this process is now being built and processing for.

dsp.							
psaProjectQA ≡	Do	clt	- E	invironment			् 🌣
IssuesMetrics		Add		Edit			4 rows
▼ SightLine SightLine - Base	Ø	:	s	ENVIRONMENT v	Z CUSTOM		
Configuration	Ø	:	٢	Dev ADM		Ŵ	
App AppAction	Ø	:		Load ADM		Ē	
Custom SubTargets	Ø	:		special environment	V	۵	
Custom Targets Collect Targets	Ø	:	(*)	Staging ADM		圃	
Person Responsible Sec Environment							
Load Cycles Auto-Validation							
 Copy Wave 							
Reports Admin							

SightLine – DocIt – Load Cycles - (Under Sightline Configuration Sub Menu)

Track ID can support and make Load Cycles. This page documents the load cycles for the project.

dsp. 🗸		
 psaProjectQA ≡ Issues Metrics SightLine SightLine - Base Configuration App AppAction Custom SubTargets Custom Targets Collect Targets Person Responsible Sec Environment Load Cycles 	TrackIt - LoadCycle Add Edit Add Edit IDAD CYCLE LOAD CYCLE ORDER III IDAD CYCLE LOAD CYCLE ORDER III IDAD CYCLE LOAD CYCLE ORDER III IDAD CYCLE LOAD CYCLE ORDER IIII IDAD CYCLE LOAD CYCLE ORDER IIII IDAD CYCLE LOAD CYCLE ORDER IIIII IDAD CYCLE LOAD CYCLE ORDER IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	C C rows
 Auto-Validation Copy Wave Reports Admin 		

Auto-Validation - Wave Process Area Objects - (Under Auto-Validation)

Wave Process Area Objects should be added here initially or have the AutoGen turned on so reports will be generated as part of building Target Reports.

Image Definitions:

	Image	Description of the process
		Turn on AutoGen of Auto Validation reports when a user creates Target reports.
ſ	2	Turn off AutoGen of Auto Validation reports when a user creates Target reports.

	dsp. 🗸		
		Auto-Validate Wave/Process Area/Objects	
	► Issues ► Metrics	Add Ø 💮	
	► SightLine	DATA OBJECT V WAVE NAME PROCESS AREA () () () ()	
ł	 Auto-Validation Wave/Process Area/Objects 	AutoValTest psaAutoVal psaValTest () (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	
	▼ Configuration		
	Field Names Report List All	Auto-Validate Targets Object psaVutoVal: psaVutoVal: psaVutoVal: AutoValTest XutoValTest XutoValTest XutoValTest	niti 3 rows
	Column Override Match	Add 🛞 🛞 🔘	510WS
	Data Type Mismatch Error Report Type	TARGET TABLE T AUTO GEN ON NOT BUSINESS READY COUNT NOT TARGET READY COUNT LAST EXECUTED	I) () () () ()
	Error Gen AE Log	t/Syniti/MARA 🗸	
	DSW Table Columns Parameters	tt/Syniti/MARA_PostLoad	
	 Copy Wave Reports 	tt/Syniti/MARA_PreLoad	9 (i) (ii) (iii) (
	Admin		

Image Definitions:

Image	Description of the process
÷	Build Validation reports for this target and create post load Target with reports.
æ	Remove Validation reports for this target. (Process does not delete post load Target)
	Build Error Aggregate Tables in the associated Object Database.
**	Build the Error Aggregate Reports and Remediation Rules.
	Build the Load Statistics reports.
0	Reset the Indicators for this Target.

Auto-Validation - Auto-Validate Report List All Targets - (From Objects)

When Reports are clicked at the Object level, all the reports registered to the Target will appear in the list.

PreLoad Targets will have a different list of rules and reports.

PostLoad Targets are designed to notify the project leader there is a problem in the rules.

dsp.									DD Dar
psaProjectQA ≡ ► Issues ► Metrics ► SightLine ▼ Auto-Validation Wave/Frocess Area/Objects ▼ Configuration	Auto-Validate Wave/Process Area/C Add @ DATA OBJECT V WAVE NAME PROCESS AI AutoValTest psaAutoVal psaValTest	,	PLIED 🤇	t rows					
Field Names Report List All Column Override Match Data Type Mismatch	Auto-Validate Report List Description	alTest: AutoValTest			×	FILTER APPLIE	D Q sy	niti	74 rows
Error Report Type Error Gen	TARGET TABLE ▼	TARGET REPORT	REPORT TYPE	DESCRIPTION	ACTION ON	RECORD COUNT	auto /Alidate	ERROR IND	MESSAGE
AE Log DSW Table Columns Parameters	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	tv/Syniti/MARA_TRAGR_NotInTTGR_SummarySel	Target Readiness	Customer Price Group not in TTGR.	5/28/2021 8:54:19 AM	2		٢	Primary Keys are not in the Report.
 Copy Wave Reports Admin 	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	tv/Syniti/MARA_BWSCL_NotInTMBW1_SummarySel	Target Readiness	Customer Price Group not in TMBW1.	5/28/2021 8:54:22 AM	0		~	Primary Keys are not in the Report.
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	tv/Syniti/MARA_EKWSL_NotInT405_SummarySel	Target Readiness	Customer Price Group not in T405.	5/28/2021 8:54:17 AM	0		~	Primary Keys are not in the Report.
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	tv/Synitl/MARA_ETIFO_NotInT6WP4_SummarySel	Target Readiness	Customer Price Group not in T6WP4.	5/28/2021 8:54:24 AM	0		٢	Primary Keys are not in the Report.
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	tv/Syniti/MARA_PROFL_NotInTDG41_DetailSel	Target Readiness	Customer Price Group not in TDG41.	5/28/2021 8:54:52 AM	0	7		Primary Keys have been verified.

Image Definitions:

Image	Description of the process
U	Show all target reports for the selected target.
À	Show all target rules for the selected target.

Auto-Validation – Auto-Validate Report List - (From Target)

Auto Validate Report list will display the reports that are verified with summaries added to the end of the Target in transform.

psaProjectQA	■ Auto-Valid	late Report List							×	FILTER APP	LIED Q
 ► Issues ► Metrics 	<u>U</u> &										-
 SightLine Auto-Validation 	TARGET TABL	E • T/	ARGET REF	PORT		REPORT TYPE	DESCRIPTION	ACTION ON	RECORD COUNT	AUTO VALIDATE	ERROR I
Auto-validation Wave/Process Area/Objects Configuration						Readiness	Group not in TSPA.	8:54:43 AM			ł
Field Names Report List All Column Override Match	psaAutoVal:psa	ValTest:AutoValTest:tt/Syniti/MARA tv	InT144_DetailSel	Target Readiness	Customer Price Group not in T144.	5/28/2021 8:54:39 AM	0	v	F		
Data Type Mismatch Error Report Type Error Gen	psaAutoVal:psa	ValTest:AutoValTest:tt/Syniti/MARA tv	tv/Syniti/MARA_WRKST_NotInTWSPR_DetailSel			Target Readiness	Customer Price Group not in TWSPR.	5/28/2021 8:54:37 AM	0	~	F
AE Log DSW Table Columns Parameters		ated Target Reports									0,
 Copy Wave Reports Admin 	TARGET TABLE	TARGET REPORT		PRIORITY V	DESCRIPTION	REPORT TYPE	STATUS	ACTION ON	RECORD COUNT	DURATION	ADDED BY
	tt/Syniti/MARA	tv/Syniti/MARA_RulebookSel		1	/Syniti/MARA	Pre Load	Active	5/28/2021 8:54:10 AM	133	2077	DDowney
	tt/Syniti/MARA	tv/Syniti/MARA_MATNR_MissingSel		2	Customer Price Group is missing.	Target Readiness	Active	5/28/2021 8:54:10 AM	0	1280	DDowney
				1002	Customer Price	Target	Active	5/28/2021	25019	1783	00
	tt/Syniti/MARA	tv/Syniti/MARA_MATNR_NotInMARA_Summ	marySel	1002	Group not in MARA.	Readiness		8:54:12 AM			DDowney
	tt/Syniti/MARA tt/Syniti/MARA	tv/Syniti/MARA_MATNR_NotInMARA_Summ	*	1002		Readiness Target Readiness	Active	8:54:12 AM 5/28/2021 8:54:13 AM	31	686	DDowney

Image Definitions:

Image	Description of the process
U	Show all target reports for the selected target.
À	Show all target rules for the selected target.



Auto-Validation - DSW Table Columns - (From Target)

DSW Table Columns display the current snap shot of Target table columns as well as the Target data values downloaded into dgSAP (or Target for Wave). The mismatch compare will display the value added to the Report.

This table will be loaded when Auto-Validate is executed in the application or Target Report generated in AutoValidate.

dsp. 🗸									
psaProjectQA ≡ ► Issues	DSW Table Columns DSW Table Columns	alTest: Auto\	/alTest						
 Metrics SightLine Auto-Validation 	TARGET TABLE ▼	TABLE NAME	COLUMN NAME	KEY	DATA TYPE	LENGTH	MISMATCH COMPARE	COL ORDER	DATA SOURCE NAME
Wave/Process Area/Objects Configuration 	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/BEV1/LULDEGRP		nvarchar	3	ISNULL(SAP_DATA. [/BEV1/LULDEGRP],")	194	dswAutoValidate
 Copy Wave Reports 	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/BEV1/LULEINH		nvarchar	8	ISNULL(SAP_DATA. [/BEV1/LULEINH],")	193	dswAutoValidate
Admin	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/BEV1/NESTRUCCAT		nvarchar	1	ISNULL(SAP_DATA. [/BEV1/NESTRUCCAT],")	195	dswAutoValidate
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/CWM/TARA		nvarchar	1	ISNULL(SAP_DATA. [/CWM/TARA],")	191	dswAutoValidate
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/CWM/TARUM		nvarchar	3	ISNULL(SAP_DATA. [/CWM/TARUM],")	192	dswAutoValidate
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/CWM/TOLGR		nvarchar	9	ISNULL(SAP_DATA. [/CWM/TOLGR],")	190	dswAutoValidate
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/CWM/VALUM		nvarchar	3	ISNULL(SAP_DATA. [/CWM/VALUM],")	189	dswAutoValidate
Target Table	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/CWM/XCWMAT		nvarchar	1	ISNULL(SAP_DATA. [/CWM/XCWMAT],")	188	dswAutoValidate
Field Name: WaveProcessAreaObjectTargetID	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/DSD/SL_TOLTYP		nvarchar	4	ISNULL(SAP_DATA. [/DSD/SL_TOLTYP],")	196	dswAutoValidate
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/DSD/SV_CNT_GRP		nvarchar	10	ISNULL(SAP_DATA. [/DSD/SV_CNT_GRP],")	197	dswAutoValidate
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/DSD/VC_GROUP		nvarchar	6	ISNULL(SAP_DATA. [/DSD/VC_GROUP],")	198	dswAutoValidate
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/SAPMP/ABMEIN		nvarchar	3	ISNULL(SAP_DATA. [/SAPMP/ABMEIN],")	200	dswAutoValidate
	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MARA	/SAPMP/AHO		nvarchar	3	ISNULL(SAP_DATA. [/SAPMP/AHO],")	211	dswAutoValidate

Auto-Validation – Target Report Auto Gen Log - (From Target)

Process reads required fields and fields with lookup tables. It will verify all the report views are generated and registered in Transform. Build Task Status values set to Error means the process did not finish the build and the validation.

dsp.									
psaProjectQA ≡ ► Issues	Target Re	eport Auto Gen Log	t: AutoValTest						
 Metrics SightLine Auto-Validation Wave/Process Area/Objects 	COUNTER ▲	TARGET TABLE	TARGET FIELD ID	BUILD TASK	BUILD TASK STATUS	VIEW NAME	RULE NAME	ADDED BY	ADDED ON
 ► Configuration ► Copy Wave Reports Admin 	2915	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MATNR	Check Mandatory Field Report Created	Complete	tv/Syniti/MARA_MATNR_MissingSel		DDowney	5/28/2021 8:46:15 AM
	2914	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	RAUBE	Check NotIn Detail Report Created	Complete	tv/Syniti/MARA_RAUBE_NotInT142_DetailSel		DDowney	5/28/2021 8:46:15 AM
	2913	psaAutoVal: psaValTest: AutoValTest: tt/Syniti/MARA	MAGRV	Check NotIn Detail Report Created	Complete	tv/Syniti/MARA_MAGRV_NotInTVEGR_DetailSel		DDowney	5/28/2021 8:46:15 AM
	2912	psaAutoVal: psaValTest:AutoValTest:tt/Syniti/MARA	EKWSL	Check NotIn Detail Report Created	Complete	tv/Syniti/MARA_EKWSL_NotInT405_DetailSel		DDowney	5/28/2021 8:46:15 AM
	2911	psaAutoVal psaValTest:AutoValTest:tt/Syniti/MARA	MTART	Check NotIn Detail Report Created	Complete	tv/Syniti/MARA_MTART_NotInT134_DetailSel		DDowney	5/28/2021 8:46:15 AM
	2910	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	TRAGR	Check NotIn Detail	Complete	tv/Syniti/MARA_TRAGR_NotInTTGR_DetailSel		DDowney	5/28/2021 8:46:15 AM

Auto-Validation - Field Names - (Under Auto-Validation Configuration Sub Menu)

Field added to all targets using auto-validation report processing.

These field support all the stored procedure for pre-load and post-load reports.

DO NOT CHANGE these Field Names!

dsp 🗸		
psaProjectQA ≡	Field Names	o truvs
Metrics SightLine	DESCRIPTION V	FIELD NAME
▼ Auto-Validation	Active Record	zActive
Wave/Process Area/Objects	Record Already Exists in Target Environment	zRecordExists
	Record can be loaded into Target and conform to business readiness rules	zBusinessReady
Field Names Report List All	Record can be loaded into Target without hard failure	zTargetReady
Error Report Type	Record Successfully Loaded into Target Environment	zLoaded
SQL Log Parameters	Remediated Record	zRemediated
 Copy Wave 		
Reports Admin		

Auto-Validation – Report List - (Under Auto-Validation Configuration Sub Menu)

Report List shows all the reports generated for the activated targets by Auto-Validation process. Reports having Error Ind set to TRUE means they are missing the primary key of the target table. They will be excluded from the summary reports for Business Ready and Target Ready.

dsp. 🗸								() •
saProjectQA	≡	Auto-Validate Report List						م ب
 Issues Metrics 		Edit 関 (2)						683 rows
SightLine Auto-Validation		C TARGET TABLE * 1	TARGET REPORT ¥ ²	REPORT TYPE	DESCRIPTION	AUTO VALIDATE	ERROR IND	MESSAGE
Wave/Process Area/Objects Configuration		MJ:MDM Customer:Materials.ttMARA	tvMARA_WRKST_NotInTWSPR_SummarySel	Target Readiness	Basic Material not in TWSPR.			
Field Names		MJ:MDM Customer:Materials:ttMARA_Postload	tvMARA_Postload_Mismatch_Sel	Post Load	Postload Mismatch Report			
Report List All Error Report Type		MJ:MDM Customer:Materials:ttMARA_Postload	tvMARA_Postload_NotLoaded_Sel	Post Load	Postload Exception Report			
SQL Log		MJ:MDM Customer:Materials:ttMARA_Postload	tvMARA_Postload_Success_Sel	Post Load	Postload Success Report			
Parameters Copy Wave		PsaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_AdvancedErrorHandlingSel	ErrorAggregate	Advanced Error Handling Remediations		ŕ	Primary Keys are no in the Report.
Reports Admin		PsaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_BEHVO_NotInT144_DetailSel	Target Readiness	Customer Price Group not in T144.	×		
		psaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_BEHVO_NotInT144_SummarySel	Target Readiness	Customer Price Group not in T144.		v	Primary Keys are no in the Report.
		psaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_BusinessReadinessErrorSel	ErrorAggregate	Summary of Business Readiness Errors		V	Primary Keys are no in the Report.
		psaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_BWSCL_NotInTMBW1_DetailSel	Target Readiness	Customer Price Group not in TMBW1.	×		
		psaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_BWSCL_NotInTMBW1_SummarySel	Target Readiness	Customer Price Group not in TMBW1.		v	Primary Keys are no in the Report.
		psaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_BWVOR_NotInT6WP1_DetailSel	Target Readiness	Customer Price Group not in T6WP1.	×		
		psaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_BWVOR_NotInT6WP1_SummarySel	Target Readiness	Customer Price Group not in T6WP1.		v	Primary Keys are no in the Report.
arget Report	×	psaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_EKWSL_NotInT405_DetailSel	Target Readiness	Customer Price Group not in T405.	×		
ield Name: TargetReport		psaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_EKWSL_NotinT405_SummarySel	Target Readiness	Customer Price Group not in T405.		v	Primary Keys are no in the Report.
		psaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_ETIAR_NotInT6WP3_DetailSel	Target Readiness	Customer Price Group not in T6WP3.	×		
		PsaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_ETIAR_NotInT6WP3_SummarySel	Target Readiness	Customer Price Group not in T6WP3.		v	Primary Keys are no in the Report.
		PsaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_ETIFO_NotInT6WP4_DetailSel	Target Readiness	Customer Price Group not in T6WP4.	×		
		psaAutoVal:psaValTest:AutoValTest:tt/BOA/MARA	tv/BOA/MARA_ETIFO_NotInT6WP4_SummarySel	Target Readiness	Customer Price Group not in T6WP4.		v	Primary Keys are no in the Report.

Image Definitions:

In	nage	Description of the process
	U	Show all target reports for the selected target.
	2	Show all target rules for the selected target.



All registered target reports to be reviewed with latest record count and duration.

dsp.										
psaProjectQA ≡	User Created Ta	rget Reports								
Issues Metrics SightLine	TARGET TABLE	TARGET REPORT	PRIORITY V	DESCRIPTION	REPORT TYPE	STATUS	RECORD COUNT	DURATION	ADDED BY	10 rows
 Auto-Validation Wave/Process Area/Objects 	ttBusinessPartner_Export ttBusinessPartner_Export			Completed Groupings InProgress Groupings	Business Readiness Business Readiness	Active Active	2		DRichardson DRichardson	UserInterface UserInterface
Configuration Field Names Report List All	ttBusinessPartner_Export ttBusinessPartner_Export	tvBusinessPartner_Export_NotStartedSel tvBusinessPartner_Export_Preload_Exclusion_Sel	30 10000	NotStarted Groupings Preload Exclusion Report	Business Readiness Pre Load	Active Active	131		DRichardson AutomationEngine	UserInterface AutoGen
Error Report Type SQL Log	ttBusinessPartner_Export ttBusinessPartner_Export	tvBusinessPartner_Export_RecordExistsSel tvBusinessPartner_Export_Preload_NotBusinessReady_Sel	10010 10020	Preload Already Loaded In SAP Report Preload Not Business Ready Report	Info Pre Load	Active Active	0	127 113	AutomationEngine AutomationEngine	AutoGen AutoGen
Parameters Copy Wave Reports	ttBusinessPartner_Export ttBusinessPartner_Export	tvBusinessPartner_Export_Preload_NotTargetReady_Sel tvBusinessPartner_Export_Preload_NotTargetReady_Detail_Sel	10030	Preload Not Target Ready Report Preload Error Detail Report	Pre Load Pre Load	Active	0		AutomationEngine	AutoGen
Admin	ttBusinessPartner_Export ttBusinessPartner_Export	tvBusinessPartner_Export_Preload_NotBusinessReady_Detail_Sel tvBusinessPartner_Export_Preload_ReadyToLoad_Sel	10035 10400	Preload Error Detail Report Preload Ready To Load Report	Pre Load Pre Load	Active	0	94 94	AutomationEngine AutomationEngine	AutoGen AutoGen

All registered target rules to be reviewed with latest record count and duration.

saProjectQA	User Created Target Rules									o, 🌣
Issues Metrics SightLine Auto-Validation	TARGET RULE	PRIORITY V	DESCRIPTION	TARGET RULE VIEW	TARGET RULE TABLE	STATUS	RECORD	DURATION		ADDED VIA
Wave/Process Area/Objects	trBusinessPartner_Export_XrefDel	10	Deletes data from the xref	trBusinessPartner_Export_XrefDelSel	ttBusinessPartner_Export	Active	4619	63	DRichardson	UserInterface
Configuration	trBusinessPartner_Export_XrefIns	20	Inserts data into the xref	trBusinessPartner_Export_XrefinsSel	xtBusinessPartner	Active	4619	127	DRichardson	UserInterface
Field Names Report List All	trBusinessPartner_Export_Xref_RelatedIns	25	Inserts related records for completed groupings	trBusinessPartner_Export_Xref_RelatedInsSel	xtBusinessPartner	Active	7465	406	DRichardson	UserInterface
Error Report Type SQL Log Parameters	trBusinessPartner_Export_Xref_IncompleteIns	30	Inserts records that are not complete or were not grouped into xref.	trBusinessPartner_Export_Xref_IncompleteInsSel	xtBusinessPartner	Active	796	173	DRichardson	UserInterface
Copy Wave Reports Idmin	trBusinessPartner_Export_Xref_UnGroupedIns	35	Inserts records into the xref that were never grouped and therefore never brought into psaHarmonization	trBusinessPartner_Export_Xref_UnGroupedInsSel	xtBusinessPartner	Active	539	47	DRichardson	UserInterface
	trBusinessPartner_Export_GroupDel	40	Deletes data from the table	trBusinessPartner_Export_GroupDelSel	ttBusinessPartner_Export	Active	4769	30	DRichardson	UserInterface
	trBusinessPartner_Export_GroupIns	50	Inserts data from ttCandidatesGroup	trBusinessPartner_Export_GroupInsSel	ttBusinessPartner_Group_Export	Active	4769	60	DRichardson	UserInterface
	trBusinessPartner_ExportDel	100	Deletes records from ttBusinessPartner_Export	trBusinessPartner_ExportDelSel	ttBusinessPartner_Export	Active	0	17	DRichardson	UserInterface
	trBusinessPartner_ExportIns	200	Inserts records into ttBusinessPartner_Export	trBusinessPartner_ExportInsSel	ttBusinessPartner_Export	Active	0	140	DRichardson	UserInterface
	trBusinessPartner_Export_zRecordExists_Upd	1000	Flag Records Already Loaded In SAP	trBusinessPartner_Export_zRecordExists_UpdSel		Active	0	16	AutomationEngine	AutoGen
	trBusinessPartner_Export_zBusinessReady_Upd	1010	Flag Records With Business Rule Errors	trBusinessPartner_Export_zBusinessReady_UpdSel		Active	0	14	AutomationEngine	AutoGen
	trBusinessPartner_Export_zTargetReady_Upd	1020	Flag Records with Target System Error	trBusinessPartner_Export_zTargetReady_UpdSel		Active	0	16	AutomationEngine	AutoGen

Auto-Validation – Column Override Match - (Under Auto-Validation Configuration

Sub Menu)

Column Override Match will allow a user to add another comparison check for the mismatch report. Compare type could be a VALUE option where a user types in a value for the Target and/or Source. Fields that are left blank, will default to the normal Target or Source Field.

Compare type of Function is expecting an SQL FUNCTION or a User Defined Function like DSW.dbo.boaDropLeadingZeros (#Column#) that could be compared to the Transform Target table value.

Mismatch Added On column will display the results used in the Mismatch Report.



Auto-Validation – Data Type Mismatch - (Under Auto-Validation Configuration Sub Menu)

Data Type Mismatch will allow a method to exclude some data types or set a default value for NULL comparisons.

Target Reports must be regenerated if these settings are changed.

Varbinary fields are often excluded from this process.

Text and Ntext can be excluded but those fields are not commonly used in Target processing.

Target is the target table storing the converted values. Source is the download from the load database to compare against the Target for data loaded.

Issues Add Edit 5 rows Metrics SightLine Add Edit 5 rows SightLine Image: Configuration Image: Configuration Source Mis MATCH COMPARE Source Mis MATCH COMPARE Auto-Validation Image: Configuration Image: Co	aProjectQA ≡	Da	ata Type M	ismatch		্ 🗘
SightLine Image: Constraint of the second secon			Add Ed	lit		5 rows
Wave/Process Area/Objects BIT ISNULL(TGT_DATA [#COLUMN#],0) ISNULL(SAP_DATA [#COLUMN#],0) Configuration DECIMAL ISNULL(TGT_DATA [#COLUMN#],0) ISNULL(SAP_DATA [#COLUMN#],0) Field Names INT ISNULL(TGT_DATA [#COLUMN#],0) ISNULL(SAP_DATA [#COLUMN#],0) Report List All INT ISNULL(TGT_DATA [#COLUMN#],0) ISNULL(SAP_DATA [#COLUMN#],0) Column Override Match INVARCHAR ISNULL(TGT_DATA [#COLUMN#],") ISNULL(SAP_DATA [#COLUMN#],") Data Type Mismatch INVARCHAR ISNULL(TGT_DATA [#COLUMN#],") ISNULL(SAP_DATA [#COLUMN#],") Error Report Type Error Gen ISNUL ISNULL(SAP_DATA [#COLUMN#],") ISNULL(SAP_DATA [#COLUMN#],") BUSW Table Columns Parameters Copy Wave Reports ISNUL ISNUL		Ø	DATA TYPE 🔻	INCLUDE DATA TYPE	TARGET MIS MATCH COMPARE	SOURCE MIS MATCH COMPARE
Configuration Image: Decimal Image: Decima Image: Decimal Image:		Ø	BIT	V	ISNULL(TGT_DATA.[#COLUMN#],0)	ISNULL(SAP_DATA.[#COLUMN#],0)
Report List All Istrict (or _onterprocedure, p) Interprocedure, p) <td< td=""><td></td><td>Ø</td><td>DECIMAL</td><td>V</td><td>ISNULL(TGT_DATA.[#COLUMN#],0)</td><td>ISNULL(SAP_DATA.[#COLUMN#],0)</td></td<>		Ø	DECIMAL	V	ISNULL(TGT_DATA.[#COLUMN#],0)	ISNULL(SAP_DATA.[#COLUMN#],0)
Column Override Match VNARCHAR ISNULL(TGT_DATA.[#COLUMN#],") ISNULL(SAP_DATA.[#COLUMN#],") Data Type Mismatch V VARBINARY TGT_DATA.[#COLUMN#],") ISNULL(SAP_DATA.[#COLUMN#],") Error Report Type Error Gen AE Log SAP_DATA.[#COLUMN#] SAP_DATA.[#COLUMN#] DSW Table Columns Parameters Copy Wave K K K Reports K K K K K K		Ø	INT	V	ISNULL(TGT_DATA.[#COLUMN#],0)	ISNULL(SAP_DATA.[#COLUMN#],0)
Data Type Mismatch VARBINARY TGT_DATA.[#COLUMN#] SAP_DATA.[#COLUMN#] Error Report Type Error Gen AE Log DSW Table Columns Parameters Copy Wave Reports		Ø	NVARCHAR	V	ISNULL(TGT_DATA.[#COLUMN#],")	ISNULL(SAP_DATA.[#COLUMN#],")
Error Gen AE Log DSW Table Columns Parameters Copy Wave Reports		Ø	VARBINARY		TGT_DATA.[#COLUMN#]	SAP_DATA.[#COLUMN#]
AE Log DSW Table Columns Parameters Copy Wave Reports						
DSW Table Columns Parameters Copy Wave Reports						
Copy Wave Reports						
Reports						

Auto-Validation – Error Report Type - (Under Auto-Validation Configuration Sub Menu)

Error Report Type are a combination of Business Ready Summary and Target Ready Summary.

A summary table is being generated to handle large volumes of errors.

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psaProjectQA ≡	Err	or Report Typ	e	0	¢
 Issues Metrics SightLine 		Edit	Z TARGET READY	4 rows	
 Auto-Validation Wave/Process Area/Objects 	Ø	Business Readiness	∠ 500111200 112 12 1 ✓		
▼ Configuration Field Names	Ø	Error ErrorAggregate		V V	
Report List All Error Report Type SQL Log	Ø	Target Readiness		V	
Parameters ► Copy Wave					
Reports Admin					

Auto-Validation – Target Report Auto Gen Log - (Under Auto-Validation Configuration Sub Menu)

Process reads required fields and fields with lookup tables. It will verify all the report views are generated and registered in Transform. Build Task Status values set to Error means the process did not finish the build and the validation.

This page will show all Targets processed on the server for each target.

dsp 🗸									
psaProjectQA ► Issues ► Metrics	Target Re	eport Auto Gen Log							
 Nietrics SightLine Auto-Validation Wave/Process Area/Objects 	COUNTER ▲	TARGET TABLE	TARGET FIELD ID	BUILD TASK	BUILD TASK STATUS	VIEW NAME	RULE NAME	ADDED BY	ADDED ON
 Configuration Field Names Report List All Column Override Match 	2915	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MATNR	Check Mandatory Field Report Created	Complete	tv/Syniti/MARA_MATNR_MissingSel		DDowney	5/28/2021 8:46:15 AM
Data Type Mismatch Error Report Type Error Gen AE Log	2914	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	RAUBE	Check NotIn Detail Report Created	Complete	tv/Syniti/MARA_RAUBE_NotInT142_DetailSel		DDowney	5/28/2021 8:46:15 AM
DSW Table Columns Parameters Copy Wave Reports Admin	2913	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MAGRV	Check NotIn Detail Report Created	Complete	tv/Syniti/MARA_MAGRV_NotInTVEGR_DetailSel		DDowney	5/28/2021 8:46:15 AM
	2912	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	EKWSL	Check NotIn Detail Report Created	Complete	tv/Syniti/MARA_EKWSL_NotInT405_DetailSel		DDowney	5/28/2021 8:46:15 AM
	2911	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	MTART	Check NotIn Detail Report Created	Complete	tv/Syniti/MARA_MTART_NotInT134_DetailSel		DDowney	5/28/2021 8:46:15 AM
	2910	psaAutoVal:psaValTest:AutoValTest:tt/Syniti/MARA	TRAGR	Check NotIn Detail Report	Complete	tv/Syniti/MARA_TRAGR_NotInTTGR_DetailSel		DDowney	5/28/2021 8:46:15 AM

Auto-Validation – Auto Gen Errors - (Under Auto-Validation Configuration Sub Menu)

Auto Gen Errors will show all SQL commands to build the required objects.

Records will be deleted after 30 days.

Common Automate Engine must have the track history checkbox turned on.







Auto-Validation – AV Parameters - (Under Auto-Validation Configuration Sub Menu)

Parameters used for the Auto Validation process. Auto Validate can be turned on or off on the Wave/Process Area/Objects Toolbar.

AutoGen Activated stores the date the process was turned on.

AutoGen nows build PreLoad and PostLoad Targets as a default.

AutoGen can be turned on Target by Target as an override.

dsp 🗸			
psaProjectQA ≡	AV Parameters	0	
IssuesMetrics	Edit		1 rows
 ► SightLine ▼ Auto-Validation 		AUTO GEN ACTIVATED ON	
Wave/Process Area/Objects	Ø	5/28/2021	
▼ Configuration Field Names			
Report List All			
Column Override Match Data Type Mismatch			
Error Report Type Error Gen			
AE Log			
DSW Table Columns Parameters			
 Copy Wave Reports Admin 			

Copy Wave - Overview of the process...

Copy Wave provides the capability of performing user defined wave copies by allowing to adjust the scope from the wave level down to the target table level. Any discarded object for migration can be copied any time after the initial copy is done. Also, it allows to generate a new wave based on several different waves that are already created, adding some flexibility to the copy process.

Additionally, it allows the user to:

- Automatically create the new databases in SQL along its data sources in DSP
- Generate the new records at the Advanced View Builder
- Replace all the databases referenced in scope
- Replace, add or discard sources in scope and its mappings
- Replace, add or discard both business and developer contacts
- Track the creation of every object in either SQL and DSP with traffic lights
- Track pre- and post-trigger error messages

		Copy Wave	PSA Wave Management
Granular Scope definition	Define which process areas, objects, target tables, rules, reports, exports and remediations to migrate		\bigcirc
Batch Migration	Migrate anything at any time		\bigcirc
N to 1 wave generation	Migrate anything from any wave		\bigcirc
Generate Process Area's databases	Generate new databases at SQL for process areas in scope	Manual	\bigcirc
Generate Process Area's datasources	Generate new datasources in ADM for process areas in scope	Manual	\bigcirc
Generate Source database	Generate new databases in SQL for sources in scope	Manual	Manual
Generate Source datasource	Generate new datasources in ADM for sources in scope	Manual	Manual
Replace, add or discard sources	Define source replacements, additions or discarts for each source in scope	Manual	\bigcirc
Replace, add or discard contacts	Define business and developer contacts replacements, additions or discarts	Manual	\bigcirc

		Copy Wave	PSA Wave Management
Copy Mappings	Be able to copy mappings from source wave	\bigcirc	\oslash
Exclude unnecessary mappings	Define mappings to exclude by source type	Manual	\bigcirc
Generate Advanced View Builder	Auto generate a record at the advanced view builder as a copy from the source wave record	Manual	\oslash
Copy Source Reports	Generate a copy of the source reports	\bigcirc	Manual
Copy Source Rules	Generate a copy of the source rules	\bigcirc	Autogen + Manual
Copy Target Reports	Generate a copy of the target reports	\bigcirc	\bigcirc
Copy Target Rules	Generate a copy of the target rules	\bigcirc	\bigcirc
Copy Target Exports	Generate a copy of the target exports	\bigcirc	\bigcirc
Copy Remediations	Generate a copy of the remediations	\bigcirc	\bigcirc
Copy Data Services	Generate a copy of the data services	\bigcirc	Manual
Replace and create referenced databases and its tables	Generate databases used within views or vested views that needs to be replaced. Be able to create tables used within those databases	Manual	\oslash
Track error messages	Have access to all issues that come up before and after the copy		\bigcirc
Track scope creation	Control what is migrated and what is still to be migrated		\oslash
			<u> </u>

Scope

PSA Wave Management replicates everything comprehended within the source wave but the Transform Source rules and Transform Source Reports.

Assemble packages for source or target tables at the source or target databases (sdb or dg) are excluded from migration.

Databases, tables or fields configured or coded within any mapping are not replaced by the new ones. Transform DataServices, Report Segment Users, Report Users, Report Column are not considered to copy. Rebuild Field Construction Pages for a wave or a Target are not applied.

Databases in stored procedures are not set to be replaced.

Copy Wave - Waves- (Under Copy Wave Sub Menu)

First, click Add button, and select the Wave to be copied. Then, it will require you to pick a Source wave from the list box button and fill in the New Wave (Name) and New Wave Description. If New Target System ID is left blank, it will be automatically populated with the Source wave's target system ID.

Waves Save Cancel						O Trows
S WAVE ID ▼	NEW WAVE	NEW DESCRIPTION	TARGET SYSTEM ID	NEW TARGET SYSTEM ID	CREATED 🙍 🍈 (]) 🛪 🔿 🗐 🔳) 🖉 🔇 🖻 🛍
W20_Global	V4_RD_DC	W4 - Roterdam - Distri		[Choose one]	· · · · · · · · · · · · · · · · · · ·	

Then, click on Save. Saving process can take some time since the webapp is pulling up all the information from the Source wave. Note that created icon is set to red, meaning the new wave does not exist yet. Also, buttons trailing display numbers indicate that information for that wave could be copied to the new wave.

Wav Ad							0,	1 rows
Ø S	WAVE ID v	NEW WAVE	NEW DESCRIPTION	TARGET SYSTEM ID	NEW TARGET SYSTEM ID	CREATED 🙍 🏔 (1) 🛪 🔿 🗐 🔳	\mathcal{D}	₽ 🛍
0 2	W20_Global	W4_RD_DC	W4 - Roterdam - Distribution Center	dgSAPHANASBD	dgSAPHANASBD		\mathcal{P}_{2}	₽ Ŵ

Now, it is time to define the scope. Note that by default all PAs, OBs and TTs are set to copy. Click on Process Area button unless that the child pane displayed is already pointing to them.

Process Areas						٩, 2	¢ rows
🖉 S PROCESS AREA ID 🔻	COPY PROCESS AREA	DATA SOURCE ID	NEW DATA SOURCE	NEW REPORT CACHE DATA SOURCE	CREATED 🛞 🛞 ADVANCED VIEW BUILDER	$\textcircled{m} \approx \textcircled{m}$	\odot
Ø 🖞 MDM	¥	dswW20_Global_MM			• @ @	(m)	۲
	•	dswW20_Global_MM			• (1) 3 7		۲

Click on Copy Process Area to unselect those process areas that must be out of scope. Edit those remaining in scope. It requires a new data source and a new report cache data source. Data source is the database a process area or an object uses to store all sorts of views, tables and procedures. Report cache data source stores the results of the report views.

Proce Save	SS Areas						Q. 2	¢ rows
s	PROCESS AREA ID 🔻	COPY PROCESS AREA	DATA SOURCE ID	NEW DATA SOURCE	NEW REPORT CACHE DATA SOURCE	CREATED	$\textcircled{m} \approx \textcircled{m}$	\odot
2	MDM		dswW20_Global_MM			• © •		۲
()	MM	×	dswW20_Global_MM	dswMM_W4	dswMM_W4_ReportCache		(∰) ≥ (5) 7 4 0	



Both can either be populated from the list box or from a free text entry. In the latter case, when the copy is triggered, it will generate a new database along its datasource record at the data source registry. Remember that these new records are supposed to begin with 'dsw'.

Additionally, database defined in the new datasource will be used to replace any reference to the database for the datasourceID from the Source wave in all of the views and procedures created for the new database. Also, if any of the datasourceID's databases are found in cross referenced databases for any process area, the database for the new data source will be automatically filled-in by default. [See Cross Referenced Databases]

Save and then select whether you want to add a record at the Advanced View Builder.

Proc	ess Areas								0,	2 rows
ØS	PROCESS AREA ID V	COPY PROCESS AREA	DATA SOURCE ID	NEW DATA SOURCE	NEW REPORT CACHE DATA SOURCE	CREATED		ICED VIEW BUILDER	@ % O	\odot
0 🕽	MDM		dswW20_Global_MM			٠	•			۲
0 8	MM		dswW20_Global_MM	dswMM_W4	dswMM_W4_ReportCache	•			(m) ≤ (O) 7 4 1	۲

Do not click the Wave Copy until all NEW settings have been entered for all pages.

Web Page Screen shot:

dsp. 🗸										DD Dan
psaCopyWave ► Issues	■ Waves	0				× FILTER AP	PPLIED 1 rows			
Metrics SightLine Auto Metrics	🖉 S WAVE ID 🔻	NEW WAVE	NEW DESCRIPTION	TARGET SYSTEM ID	NEW TARGET SYSTEM					
Auto-Validation Copy Wave Copy Wave Management	Ø 🏷 IV	IVCopyWave	Copy Test	dgSAP	dgSAPIVCopyWave					
Reports Admin	Process Areas								Q	1 rows
	S PROCESS AREA	AID V CC	OPY PROCESS AREA	DATA SOURCE ID	NEW DATA SOURCE	NEW REPORT CACHE DATA SOURCE	CREATED 🛞 🍥 ADVA	NCED VIEW BUILDER	$\textcircled{A} \approx \textcircled{O}$	S E
	🖉 🏷 P2P		×	dswlV	dswIVCopyWave	dswIVCopyWave	• (b) (i) 1 4			(1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2

Image Definitions:

Image	Description of the process
\odot	Execute Wave Copy.
(\$ \$	Process area available for the wave copy.
H	Transform Settings (Rules, Reports and Exports) available for the wave copy.
()	Assembly Where Clauses that will be copied during the execution.
×	Cross Reference databases used in the view of the current wave.
0	Self-Reference Tables in the current wave that will be copied.
	Source used in the Current Wave. There is an option to copy them to the new wave.
	Business Contacts available to be copied or replaced with new contacts.
Ø	Developers available to be copied or replaced with new developers.
	Error Summary listing errors of view and procedures not available for the copy.
•	Objects found in the wave that will be copied to the new wave.
۲	Targets found in the wave that will be copied in the new wave.

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Copy Wave – Objects - (Access from Process Area (Waves))

Now, it is necessary to define the objects and targets scope for each process area in scope. Click on the Objects button to open the Objects: Targets page. Click on copy Object to include or exclude from scope.

Objects Edit					0	3 rows
S WAVE ID 🔻	NEW WAVE ID	WAVE PROCESS AREA ID	OBJECT ID	COPY OBJECT	CREATED	۵ 🙆
🖉 🏝 W20_Global	W4_RD_DC	ММ	Customers	~	٠	
🖉 🏝 W20_Global	W4_RD_DC	MM	Material Master	~	٠	
🖉 🏷 W20_Global	W4_RD_DC	MM	Vendors_99999		٠	

Then click on Targets button for each object to see dependent target tables. Click on Copy Target to include or exclude from scope.

Targe Ed								O 3 ro	\$ pws
ØS	WAVE ID v	NEW WAVE ID	WAVE PROCESS AREA ID	WAVE PROCESS AREA OBJECT ID	WAVE PROCESS AREA OBJECT TARGET ID	TABLE DESCRIPTION	COPY TARGET	CREATED	
0	W20_Global	W4_RD_DC	MM	Material Master	ttMARC	Material Plant Data	~	•	
0	W20_Global	W4_RD_DC	MM	Material Master	ttMARA	Material Master	~	•	
0 🗂	W20_Global	W4_RD_DC	MM	Material Master	ttMBEW	Material Accounting Data	~	•	

In order to consider objects in scope PAs, OBs and TTs must be set to copy. Therefore, if a PA is marked for copy, an OB for that PA is not marked for copy and the TTs for that OB are marked for copy, none of those TTs are in scope, so none will be migrated.

Go back to Waves page. Note that the button counters have changed due to the scope definition. So, depending on the scope definition all the dependencies will change, so every time it is changed, all dependencies and steps explained below must be reviewed.

Wav Ad						Q Arrows
Ø S	WAVE ID v	NEW WAVE	NEW DESCRIPTION	TARGET SYSTEM ID	NEW TARGET SYSTEM ID	CREATED 🙍 🍈 (1) 🗢 🛇 🗐 🔳 🔗 🔇 🖻 🛍
0 2	W20_Global	W4_RD_DC	W4 - Roterdam - Distribution Center	dgSAPHANASBD	dgSAPHANASBD	

Web Page Screen shot:

/Wave	■ Objects					۹.	ŀ				
ne	S WAVE ID *	NEW WAVE ID	WAVE PROCESS AREA ID	OBJECT ID	COPY OBJEC	1 row	5				
alidation Vave	t IV	IVForDan	P2P	Material	×	• •					
\$						4					
	= Targets										o, 🍄
											0, 🎝
		NEW WAVE ID	WAVE PROCESS AREA ID	WAVE PROCES	SS AREA OBJECT	ID WAVE F	PROCESS AREA	DBJECT TARGET ID	TABLE DESCRIPTION	N COPY TARGET	4 rows
	Targets	NEW WAVE ID IVForDan	WAVE PROCESS AREA ID	WAVE PROCES Material	SS AREA OBJECT		PROCESS AREA		TABLE DESCRIPTION	COPY TARGET	4 rows
	S WAVE ID •				SS AREA OBJECT	ttMARD			TABLE DESCRIPTION		4 roes
	S WAVE ID *	IVForDan	P2P	Material	SS AREA OBJECT	ttMARD	INVENTORY_Pos		TABLE DESCRIPTION		4 rows

Image Definitions:

Image	Description of the process
۲	Targets found in the wave that will be copied in the new wave.
\bigcirc	Extend Object or Target after initial copy has been completed.

Copy Wave – Targets - (Access from Process Area (Waves) or Objects)

Now, it is necessary to define the rules, reports, remediations and exports in scope for each TT defined in scope. Click on Transform button to open the Transform - Targets: Transform - Rules page.

Transfo	orm - Ta	rgets								d	O,	3 rows
S WAVE	ID v	NEW WAVE ID	WAVE PROCESS AREA ID	WAVE PROCESS AREA OF	JECT ID	WAVE PRO	CESS	AREA OBJ	ECT TARG			B (1)
1 W20_0	Global	W4_RD_DC	MM	Material Master		ttMARC				(A) 0		
🗂 W20_0	Global	W4_RD_DC	MM	Material Master		ttMARA				5		
🗂 W20_0	Global	W4_RD_DC	MM	Customers		ttKNA1						
Edit	orm - Ru		TARGET RULE VIEW	DESCRIPTION	(x) (O) co RU	PY ADDED LE VIA		ADM CREATED	SQL VIEW	SQL PROCEDURE	erre Mes	5 rows
		RULE TYPE	PROCEDURE NAME						CREATED	CREATED	ERR	CEDURE OR SAGE
0	10	Active Update	trMARA_ReportSegmentBKP_UpdSel trMARA_ReportSegmentBKPCall_Upd	Report Segment Backup	V	Manual	1	•	•	•		
6	20	Active Update	trMARA_ReportSegmentRES_UpdSel trMARA_ReportSegmentRESCall_Upd			Manual	(1)	•	•	•		

By default, all rules, reports, remediations and exports are set to be copied if they are active at the Source wave.

Web Page Screen shot for the **Targets Page**:

dsp. 🗸													
psaCopyWave	≡ Tra	insform -	Targets										o trows
 Issues Metrics SightLine 	s	WAVE ID ¥	NEW WAVE ID	WAVE PROCESS AREA ID	WAVE PR	OCESS AREA OBJECT ID	V	VAVE PROC	ESS AREA	OBJEC	T TARGET ID	CREATE	
 Auto-Validation Copy Wave 	Ċ	IV	IVCopyWave	P2P	Material		tt	MARD_INVE	NTORY_Pos	stload		٠	
Reports Admin	(*)	IV	IVCopyWave	P2P	Material		tt	KNA1_Postlo	ad			٠	
	(*)	IV	IVCopyWave	P2P	Material		tt	MARD_INVE	NTORY			٠	
	(*)	IV	IVCopyWave	P2P	Material		tt	KNA1				•	A 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Tra	insform -	Rules										
	s		STATUS	TARGET RULE VIEW		DESCRIPTION	× 0) COPY RULE	ADDED VIA		ADM CREATED	SQL VIEW CREATED	SQL PROCEDURE CREATED
			RULE TYPE	PROCEDURE NAME				RULE	VIPA		CREATED	CREATED	GREATED
	(*)	1000	Active	trMARD_INVENTORY_Postload_zLo	aded_UpdSel	Flag Records Loaded Into Target		~	Manual	(#2 0	•	•	•
			Update	trMARD_INVENTORY_Postload_zLo	aded_Upd								

Image Definitions:

Image	Description of the process
À	Target rules available to be copied to the new wave.
IJ	Target reports available to be copied to the new wave.
	Target Exports available to be copied to the new wave.
\bigcirc	Generate Transform Objects for selected Target post copy.
	Dependent Objects in the view for the rule or report.
\triangleright	Report Remediation will be copied.

Copy Wave – Transform Targets & Rules - (Access from Waves Page)

Click on Rules button on the Transform - Targets page unless that the child pane displayed is already pointing to them. Click on Copy Rule to include or exclude from scope.

Note that there is the option to see the code for each view and procedure by clicking on its name.

Trans Edi	sform - Ru	lles										5 rows
Ø S	PRIORITY V	STATUS RULE TYPE	TARGET RULE VIEW	DESCRIPTION	× 0	COPY RULE	ADDED VIA		ADM CREATED	SQL VIEW CREATED	SQL PROCEDURE CREATED	ERROR MESSAGE PROCEDURE ERROR MESSAGE
0	10	Active Update	trMARA_ReportSegmentBKP_UpdSel trMARA_ReportSegmentBKPCall_Upd	Report Segment Backup		v	Manual	(1)	•	•	•	MECONOL
0	20	Active Update	trMARA_ReportSegmentRES_UpdSel trMARA_ReportSegmentRESCall_Upd	Report Segment Restore		1	Manual	1	•	•	•	
0	40	Active Update	trMARA_ERSDAUpdSel trMARA_ERSDAUpd	Created On		✓	Autogen	1	•	•	•	
0	50	Active Update	trMARA_ERNAMUpdSel trMARA_ERNAMUpd	Name of Person Responsible for Creating the Object		~	Autogen	1	•	•	•	

Additionally, note that when a rule points to an external database, a symbol is displayed. Same for a self-referenced table.

Also, note that you can see all dependencies for each view by clicking on the dependent objects button.

Web Page Screen shot: (Image Definitions on the Targets Page)

CopyWave	Transform	Targets								o, 🗘	
sues etrics		100.000								6 rows	
ightLine	S WAVE ID .	NEW WAVE ID	WAVE PROCESS AREA ID	WAVE PROCESS AREA OBJECT ID	W	AVE PROCES	SS ARE/	OBJECT TARG	ET ID CREATE	0 🖲 🕲 🖻 🕚	
uto-Validation opy Wave	🗂 Educate	EducateDan	Performance	StandardAutoGen	ttT	largetPerforma	ince100		•		
eports 1in	🗂 Educate	EducateDan	Performance	StandardAutoGen	tiT	argetPerforma	nce		•		
	🗂 Educate	EducateDan	Performance	DynamicSQLAutoGen	ttT	argetPerforma	nce2		•		
	🗂 Educate	EducateDan	Performance	DynamicSQLAutoGen	нT	argetPerforma	nce2100		•		
	🗂 Educate	EducateDan	Performance	StandardAutoGenWithBlocksize	8(7	argetPerforma	ince300				
	Educate	EducateDan	Performance	StandardAutoGenWithBlocksize	tiT	argetPerforma	nce3				
										15 0 0	
	Transform	- Rules									Q20 mm
	S PRIORITY *	STATUS RULE TYPE	TARGET RULE VIEW PROCEDURE NAME	DESCRIPTION (2) (0)	COPY RULE	ADDED VIA		ADM CREATED	SQL VIEW CREATED	SQL PROCEDURE CREATED	ERROR MESSAGE PROCEDURE ERROR MESSAGE
	亡 1500	Active Update	trTargetPerformance100_TargetData trTargetPerformance100_TargetData		×	Autogen	1	•			
	亡 1510	Active Update	trTargetPerformance100_TargetData trTargetPerformance100_TargetData		×	Autogen	1	•	•	•	
						Autogen	(11)		•	•	
	1520	Active	trTargetPerformance100_TargetData	MpdSel	4						
	1520	Active Update	trTargetPerformance100_TargetData trTargetPerformance100_TargetData		~	, unigui	1				
		Update Active	trTargetPerformance100_TargetData trTargetPerformance100_TargetData	<u>Ripd</u>	~	Autogen	1		•	•	
	D 1530	Update Active Update	trTargetPerformance100_TargetData trTargetPerformance100_TargetData trTargetPerformance100_TargetData	<u>RUnd</u> AUndSel AUnd			1	•	•	•	
		Update Active Update	trTargetPerformance100_TargetData trTargetPerformance100_TargetData	Allad AlladSel Allad SiladSel			T	:	:	:	

Copy Wave – Transform Targets & Reports - (Access from Targets Page)

Click on Reports button on the Transform - Targets page Click on Copy Report to include or exclude from scope. And click on Copy Remediation to include fixed and regular remediations in scope. Note that there is the option to see the code for each view by clicking on its name.

Tra	ansform -	Reports											٥	5 rows
s	PRIORITY V	STATUS REPORT TYPE	TARGET REPORT	DESCRIPTION	ADDED VIA	30	COPY REPORT		ADM CREATED	SQL CREATED	COPY REMEDIATION	Ø	FIXED REMEDIATION CREATED	ERROR MESSAGE
٦	2	Active Target Readiness	tvMARC_MATNR_MissingSel	Material Number is missing.	Autogen		✓	1	•	•	V	Ø	•	
1	3	Active Target Readiness	tvMARC_WERKS_MissingSel	Plant is missing.	Autogen		v	1	•	•		Ø	٠	
(4	Active	tvMARC_MATNR_existsInMARASel	Test Copy Wave	Manual	~ 0	~	1 3	٠	•		Ò	٠	

Additionally, note that when a report points to an external database, a symbol is displayed. Same for a self-referenced table.

Also, note that you can see all dependencies for each view by clicking on the dependent objects button. In case there are no remediations, copy remediation button will be disabled and Remediation button will not display any number. In case there is a fixed remediation, fixed remediation created traffic light will be displayed as red.

Web Page Screen shot: (Image Definitions on the Targets Page)

p 🗸															
aCopyWave	≡ Tr	ransform	- Targets										Q,	\$	
Metrics SightLine	s	WAVE ID ¥	NEW WAVE I	D WAVE PROCESS AREA ID	WAVE PROCESS AREA OBJECT IE)	WAVE PRO	CESS ARE	EA OBJ	ECT TARG	ET ID	CREATED			
Auto-Validation Copy Wave	(*)	IV	IVForDan	P2P	Material		ttMARD_INV	ENTORY_	Postload	1		٠		0	
Reports min	(*)	IV	IVForDan	P2P	Material		ttKNA1_Post	foad				٠	۵. 🕲	e 🔊	
	(*)	IV	IVForDan	P2P	Material		ttMARD_INV	ENTORY				٠		le 🔊	
	۳	IV	IVForDan	P2P	Material		ttKNA1					٠		P (S)	
	_		- Reports												Q 43 rows
	s	PRIORITY	STATUS REPORT TYPE	TARGET REPORT	DESCRIPTION	ADDED VIA	× 0	COPY REPORT		ADM CREATED	SQL CREATED	COPY REMEDIAT		FIXED REMEDIATION CREATED	ERROR MESSAGE
	٣	2	Active Target Readiness	tvKNA1_KUNNR_MissingSel	Customer Number is missing.	Autoger	1	×	(11) 0	٠	•		Ø	۰	View is missing at SQL leve in Source Database
	۵	1002	Active Target Readiness	tvKNA1_KUNNR_NotinKNA1_SummarySel	Customer Number not in KNA1.	Autoger	1	×	(## 0	٠	•		Ø	۰	View is missing at SQL leve in Source Database
	Ľ	1003	Active Target Readiness	tvKNA1_LAND1_NotInT005_SummarySel	Country Key not in T005.	Autoger	1	¥	() 0	•	•		Ø	۰	View is missing at SQL level in Source Database
Remediation X Name: CopyRemediation	۵	1008	Active Target Readiness	tvKNA1_REGIO_NotInT005S_SummarySel	Region (State, Province, County) not in T005S.	Autoger	h	×	(## 0	•	•		Ø	•	View is missing at SQL leve in Source Database
	٣	1020	Active Target Readiness	tvKNA1_AUESD_NotInTVAST_SummarySel	Central order block for customer not in TVAST.	Autoger	1	×	() 0	•	•		Ø	•	View is missing at SQL leve in Source Database
	٣	1026	Active Target Readiness	tvKNA1_BRSCH_NotInT016_SummarySel	Industry key not in T016.	Autoger	1	¥	(## 0	٠	•		Ø	•	View is missing at SQL leve in Source Database
	(*)	1032	Active Target Readiness	tvKNA1_FAKSD_NotInTVFS_SummarySel	Central billing block for customer not in TVFS.	Autoger	n	¥	(## 0	٠	٠		۲	۰	View is missing at SQL leve in Source Database

Copy Wave - Transform Targets & Exports - (Access from Targets Page)

Click on Exports button on the Transform - Targets page. Click on Copy Export to include or exclude from scope.

Note that there is the option to see the code for each view by clicking on its name.



Additionally, note that when an export points to an external database, a symbol is displayed. Same for a self-referenced table.

Also, note that you can see all dependencies for each view by clicking on the dependent objects button.

Web Page Screen shot:

Wave	[≡] Tr	ansform -	Targets										0, 0
s ine	s	WAVE ID v	NEW WAVE	ID WAVE	E PROCESS A	REA ID WAVE F	ROCESS AREA OB	JECT ID	WAVE	PROCESS AF	REA OBJECT TAP	RGET ID CREATE	D & U D V
alidation Vave	(*)	IV	IVForDan	P2P		Material			ttMARE	_INVENTORY	Postload	٠	
s	(*)	IV	IVForDan	P2P		Material			ttKNA1	Postload		٠	
	(*)	IV	IVForDan	P2P		Material			ttMARE	_INVENTORY		•	
	Ċ)	IV	IVForDan	P2P		Material			ttKNA1			٠	
	Tr	ansform -	Exports										O O
	s	PRIORITY V	STATUS	EXPORT TYPE	LOAD TYPE	TARGET EXPORT	COPY EXPORT	ADDED VIA	😰 AD	M CREATED	SQL CREATED	ERROR MESSAGE	
	(Ľ)	10	Active	FlatFile	Manual	txKNA1_ExportToSAPS		Manual		٠	٠	View is missing at SQL le	vel in Source Database

Image Definitions:

Image	Description of the process
1	Target rules available to be copied to the new wave.
IJ	Target reports available to be copied to the new wave.
	Target Exports available to be copied to the new wave.
	Generate Transform Objects for selected Target post copy.
	Dependent Objects in the view for the rule or report.
\checkmark	Report Remediation will be copied.

Copy Wave – Remediations - (Access from Transform - Reports)

Click on Reports button on the Transform - Targets page. Then, click in Remediation button on Transform - Reports page to open the remediations. Click on Copy Remediation to include or exclude from scope. If Copy Remediation in Transform - Reports page for that view is not ticked, it will not copy the remediation.

Note that there is the option to see the code for each view and procedure by clicking on its name.

٦	ransfor	-m -	Remediati	on								O,	2 rows
ę	PRIORI	TY 🔻	STATUS	TARGET REPORT REMEDIATION RULE VIEW	DESCRIPTION 🔀 🔘	COPY REMEDIATION	ADDED VIA		ADM CREATED	SQL VIEW CREATED	SQL PROCEDURE	ERROF MESSA	
				TARGET REPORT REMEDIATION RULE							CREATED	PROCE ERROF MESSA	t
Ľ)	10	Active	tvMARA_MATNR_Missing_1remedySel tvMARA_MATNR_NotInMARA_Remedy_Upd	MATNR Remedy 1	•	Manual	0	•	•	•		
Ľ	1	20	Active	tvMARA_MTART_NotInT134_Remedy_UpdSel tvMARA_MTART_NotInT134_Remedy_Upd	MTART Remedy 1	v	Manual	(## 0	•	•	•		

Additionally, note that when a remediation points to an external database, a symbol is displayed. Same for a self-referenced table.

Also, note that you can see all dependencies for each view by clicking on the dependent objects button.

Web Page Screen shot:

dsp 🗸											DD Dan
psaCopyWave	≡	Transform	- Remedia	tion							م 🗘
Issues Metrics SightLine Auto-Validation		S PRIORITY V	STATUS	TARGET REPORT REMEDIATION RULE	DESCRIPTION 🛞 🔘	COPY REMEDIATION	ADDED VIA	 ADM CREATED	SQL VIEW CREATED	SQL PROCEDURE CREATED	0 rows ERROR MESSAGE
Copy Wave Reports Admin				TARGET REPORT REMEDIATION RULE							PROCEDURE ERROR MESSAGE
Admin											

Copy Wave - Assembly Where Clause- (Access from Waves)

Click on Assemble Where Clause Database button. Child pane changes to display the Assemble Where Clause Databases found in any of the target sources in scope. If New Database is left empty, Assemble where clauses will not be changed, otherwise New Database will replace Database. Also, note that New Database has the option to enter a free text which means that that text will replace the Database but it will not create a new database in SQL.

Add Edit					Q frows
S WAVE ID 🔻	NEW WAVE	NEW DESCRIPTION	TARGET SYSTEM ID	NEW TARGET SYSTEM ID	CREATED 📀 🏦 🕕 🌫 🛇 🗐 🔳 🖉 🕄 🖻
🖉 🏷 W20_Global	W4_RD_DC	W4 - Roterdam - Distribution Center	dgSAPHANASBD	dgSAPHANASBD	
-					
Assemble Where	Clause Da	atabases	۰, ۵		
Assemble Where	Clause Da	atabases	م العليم 4 rows		
Edit		atabases			
Edit DATABASE V NEV		atabases			
Edit DATABASE NEW dswW12_MM		atabases			
DATABASE NEV dswW12_MM	/ DATABASE	atabases			

Web Page Screen shot:

dsp 🗸					
psaCopyWave	≡ Waves				۹. 🌣
 Issues Metrics 	Add Edit	\odot			3 rows
► SightLine	🖉 S WAVE ID 🔻	NEW WAVE NEW DESCRIPT	ION TARGET SYSTEM ID	NEW TARGET SYSTEM ID	$(\texttt{CREATED} \ \textcircled{e} \ \textcircled{A} \ \underbar{U} \ \thickapprox \ \textcircled{O} \ O$
 Auto-Validation Copy Wave 	🖉 🏷 AdamTest	AdamForDan Adam for Dan	dgSAP_HANA	dgSAP_HANA	
Reports Admin	🖉 🏷 Educate	EducateDan Educate Dan	dgPerformanceExample	dgPerformanceExample	
	Ø 🏷 IV	IVCopyWave Copy Test	dgSAP	dgSAPIVCopyWave	
	_				
	Assemble Where	Clause Databases		Q rows	
	🖉 DATABASE 🔻 NEW	V DATABASE			



Copy Wave – Cross Referenced Databases - (Access from Waves)

Click on the cross-referenced databases in the Waves page. It opens the Cross-Referenced Databases: Cross Referenced Views page. In the parent pane are displayed the cross databases*1 referenced at any view in the scope by process area. If New Database is left empty, databases in the views for that process area will remain the same, otherwise New Database will replace Database. Also, note that any New Database entered as a free text will be generate a new database in SQL unless it already exists.

Cr	Cross Referenced Databases						
Ø	S	PROCESS AREA 🔻	DATABASE	NEW DATABASE	<u>®</u> =		
Ø	(*	MM	dgSAPHANASBD		® () 1 10		
Ø							
Ø	(*)	MM	dswW20_Global_MM	dswMM_W4	8		
Ø		MM	dswXREF				
= Cr	oss	s Referenced	Database Name dgSAPHANASI	BD	C Trows		
PA	REN	IT VIEW NAME V	REFERENCING	VIEW	VIEW NAME		
tvN	ARC	C MATNR existsInMAR	ASel tVMARC MATNE	existsInMARASel	V_MARA		

For each database displayed, there is at least a view or a table where it is referenced. If views button is clicked, all views that the database is pointing to for that process area are displayed.

Cross Referenced View	Database Name dgSAPHANASBD		0	t rows
PARENT VIEW NAME v	REFERENCING VIEW	VIEW NAME		
tvMARC MATNR existsInMARASel	tvMARC MATNR existsInMARASel	V_MARA	(1 3)	

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In Parent View Name, are displayed the view registered in ADM in either rules, reports, exports or remediations. Referencing View is the name of the view where the database is referenced. View Name is the name of the view that the database is pointing to.

If tables button is clicked, all tables that the database is pointing to for that process area are displayed.

Cro	oss Referenced Table	Database Name OS dswXREF		O 1	rows
PAF	RENT VIEW NAME V	REFERENCING VIEW	TABLE NAME	CREATE TAB	E 🔢
<u>tvM</u>	ARC MATNR existsInMARASel	tvMARC DaniTestingDependencies existsInMARASel	xtCIDMAS		13

In Parent View Name is displayed the view registered in ADM in either rules, reports, exports or remediations. Referencing View is the name of the view where the database is referenced. Table Name is the name of the table that the database is pointing to. Unlike the Cross-Referenced Views, in case a new database has been selected for replacement, tables can be created in that new database. Mark Create Table field to do so.

Web Page Screen shot:

aCopyWave	=	
	Cross Referenced Databases	¢
Issues	Edit	3 rows
Metrics SightLine Auto-Validation	S PROCESS AREA V DATABASE NEW DATABASE	
Copy Wave		40
Reports dmin	P2P dgSAP	(III) 50
	P2P psaSAPConfiguration	
	Cross Referenced Views Database Name pasAPConfiguration	Q
	PARENT VIEW NAME VIEW NAME	

Image Definitions:

initiage Bei	
Image	Description of the process
	Views from the cross-reference database.
	Tables from the cross-reference database.
	Dependent Objects in the view for the rule or report.



Copy Wave - Dependent Objects - (Access from Cross Referenced Databases)

Dependent Objects shows views and/or tables being used in the current wave about to be copied. This page is reference in several other pages.

dsp.								
psaCopyWave	≡ D	ependent Objects						Q
Issues Metrics								-
 Metrics SightLine Auto-Validation 	s	REFERENCING VIEW	DATABASE NAME	SCHEMA NAME	VIEW NAME	LEVEL v	VIEW DEFINITION	SQL I CREATED I
Copy Wave Reports Admin	٢	tvKNA1_KUNNR_NotInKNA1_SummarySel		dbo	tvKNA1_KUNNR_NotInKNA1_DetailSel	1	CREATE VIEW [dbo] [WKNA1_KUNNR_NotinKVA1_DetailSe] AS SELECT [trkQvA1] [zLegacyKUNNR], [trkQvA1] [ZSource], dbo [trkQvA1] [KUNNR] FROM dbo [trkQvA1] LET OUTER JOIN dbo [trkQvA1] ON dbo [trkQvA1] [KUNNR] = dbo [trQvA1] [KUNNR] WHERE [dbo [trQvA1] [KUNNR] IS NULL) AND (dbo [trkQvA1]. [KUNNR] IS NOT NULLJ AND (dbo [trkQvA1] [KUNNR] O Y N]	•
	٢	tvKNA1_KUNNR_NotInKNA1_DetailSel		dbo	KNA1	2	CREATE VIEW [dbo].[KNA1] AS SELECT * FROM [dgSAP].[dbo].[KNA1]	٠
	(tvKNA1_KUNNR_NotInKNA1_DetailSel		dbo	ttKNA1	2		٠
	(*)	KNA1	dgSAP	dbo	KNA1	3		•



Copy Wave - Self Reference - - (Access from Waves)

Go back to Waves page. Click on the Self Referenced Tables button. It opens the Self Referenced Tables: Self Referenced Views page. In the parent pane, are displayed the tables by ProcessArea referenced at any view or sub view used in any rule, report, export or remediation in scope from the Source wave but that are not yet included for creation.

Self Reference	0	1 rows					
PROCESS AREA V	TABLE NAME	Ē	FORCE CREA	tion 🛞			
MM	stMARA_SAP	ECC6_MARA		8			
-							
Self Referenc	ed Views	View Name stMARA_SAPE	ECC6_MARA			0	1 rows
PARENT VIEW NAM	E▼	REFERENC	ING VIEW				
tvMARC MATNR exis	stsInMARASel	tvMARC MA	TNR existsInMAR	RA 040Sel	(13)		

If Force Creation button is ticked that table will be generated in the new dsw database. If Force Creation is not ticked, Parent View Name view displayed in the Self Referenced Views page and its tables or view dependencies will not be created unless they are used in another view. Click on Dependent Objects button to see all dependencies.

Be aware that table displayed at Self Referenced Tables > Table Name field might not be a valid table since the source data or the source table might change.



Copy Wave - Sources - (Access from Waves)

Go back to Waves page. Click on the Sources button. It opens as a child pane the Sources page.

Sources Add Edit				2 rows
S SOURCE ID 🔻	COPY SOURCE	NEW SOURCE ID	NEW SYSTEM TYPE ID	INCLUDE MAP
🖉 📋 sdbDSPConstruct		sdbDSPConstruct	DSPConstruct	<
🖉 📋 sdbSAPECC6		sdbSAPECC6	SAPECC6	~

There are 4 scenarios that can be set up in Sources. All of them can coexist in the same copy wave:

- A. Split Source: A source can be split into multiple sources
- B. Discard Source: A source can be discarded
- C. Merge Source: Different sources can merge into a source
- D. Replace Source: A source is replaced by another one.

A) Split Source

Click on Add button. Select in Source ID the source that needs to be split. Tick Copy Source and select the new source in New Source ID field.

So	Ado	C es I Edit				Q ♣ 3 rows
Ø	S	SOURCE ID V	COPY SOURCE	NEW SOURCE ID	NEW SYSTEM TYPE ID	INCLUDE MAP
Ø	3	sdbDSPConstruct		sdbDSPConstruct	DSPConstruct	~
Ø	٢	sdbSAPECC6	v	sdbSAP_PC	SAPECC6	
Ø	2	sdbSAPECC6	v	sdbSAPECC6	SAPECC6	•

B) Discard Source

All sources are by default discarded. In order to discard a source, untick the Copy Source field.

Sources				2 rows
🖉 S SOURCE ID 🔻	COPY SOURCE	NEW SOURCE ID	NEW SYSTEM TYPE ID	INCLUDE MAP
SdbDSPConstruct		sdbDSPConstruct	DSPConstruct	~
SdbSAPECC6		sdbSAPECC6	SAPECC6	v


<u>C) Merge Source</u>

In order to do a source merge, tick all copy source for all source IDs to merge and change its new source ids to the same value.

Sources				2 rows
S SOURCE ID V	COPY SOURCE	NEW SOURCE ID	NEW SYSTEM TYPE ID	INCLUDE MAP
🖉 🏷 sdbDSPConstruct	~	sdbSAPECC6	SAPECC6	~
🖉 🏷 sdbSAPECC6	~	sdbSAPECC6	SAPECC6	✓

D) Replace Source

SourceID is replaced by NewSourceID. In order to replace, Copy Source field must be ticked.

Sources Add Edit				2 rows
S SOURCE ID V	COPY SOURCE	NEW SOURCE ID	NEW SYSTEM TYPE ID	INCLUDE MAP
SdbDSPConstruct	~	sdbDSPConstructAO	DSPConstruct	✓
🔗 🏷 sdbSAPECC6	✓	sdbSAP_PC	SAPECC6	✓

Besides, those scenarios, there is also the possibility to include or exclude the copy of all the mappings (in Map) for a source.

Web Page Screen shot:

					-
Add Edit	\odot				○ ○ \$
S WAVE ID V	NEW WAVE	NEW DESCRIPTION	TARGET SYSTEM ID	NEW TARGET SYSTEM ID	CREATED 🔗 🏦 🕧 🌫 🗿 🗎 🖉 🖉 🗊
🖉 🏷 AdamTest	AdamForDan	Adam for Dan	dgSAP_HANA	dgSAP_HANA	
🖉 🎦 Educate	EducateDan	Educate Dan	dgPerformanceExample	dgPerformanceExample	
🖉 🎦 IV	IVForDan	IV TEsting For Dan	dgSAP	dgSAP	
				0, 🗘	
Add Edit]				
		RCE NEW SOURCE I	ID NEW SYSTEM TYP	E ID INCLUDE MAP	
Add Edit	COPY SOUF	RCE NEW SOURCE I	ID NEW SYSTEM TYP	E ID INCLUDE MAP	

Image Definitions:

Image	Description of the process
(Execute Wave Copy.
\$	Process area available for the wave copy.
A	Transform Settings (Rules, Reports and Exports) available for the wave copy.
()	Assembly Where Clauses that will be copied during the execution.
(\mathbf{x})	Cross Reference databases used in the view of the current wave
O	Self-Reference Tables in the current wave that will be copied
0	Source used in the Current Wave. There is an option to copy them to the new wave.
	Business Contacts available to be copied or replaced with new contacts.
Ø	Developers available to be copied or replaced with new developers.
	Error Summary listing errors of view and procedures not available for the copy.
\bigcirc	Objects found in the wave that will be copied to the new wave.
۲	Targets found in the wave that will be copied in the new wave.

Copy Wave – Business Contacts - (Access from Waves)

BackOffice

Go back to Waves page. Click on the Business Contacts button. It opens as a child pane the Business Contacts page.

Bu	ISIN Add	ness Contacts				Q 3 row	F /s
Ø	S	USER ID V	NAME	COPY USER	NEW USER ID	APPEND TO ALL TARGETS	Ê
Ø	2	Administrator	Administrator				Ŵ
Ø	\mathbf{b}	Anonymous	Anonymous User				Ŵ
Ø	٢	ARR_SI	System Integrator				Ŵ

There are 4 scenarios that can be set up in Business Contacts. All of them can coexist in the same copy wave:

- A. Append Users: Users are maintained at all TTs in scope
- B. Discard Users: Users are not maintained anywhere
- C. Keep Users: Same users are kept on the same TTs
- D. Replace Users: Users are replaced on the same TTs where the Source ones were

A) Append Users

Syniti

If Append To All Targets is ticked for any user, it will be maintained for all TTs in scope. Users to append to all targets can be either set at the Source wave already, and so displayed when the Business Contacts Page is open, or added manually by clicking on the Add button.

Busir Add	ness Contacts					3 rows
🖉 S	USER ID V	NAME	COPY USER	NEW USER ID	APPEND TO AL	L TARGETS
Ø 🕽	DCOUCEIRO	David Couceiro			v	
0 🕽	JGARRO	Julen Garro			v	Î
0 🕽	TEST1	Test1			~	

Note that if Append To All Targets is selected, Copy User is disabled and the other way around.



B) Discard Users

If Copy Source and Append To All Targets are not ticked, user will be discarded.

Busir	ness Contacts				C S rows	
🖉 S	USER ID V	NAME	COPY USER	NEW USER ID	APPEND TO ALL TARGETS	Ŵ
Ø 🕽	DCOUCEIRO	David Couceiro				Ŵ
	JGARRO	Julen Garro				Î
0 🕽	TEST1	Test1				Ŵ

C) Keep Users

In order to keep the same users in the same TTs, tick Copy User field.

	sir Add	ess Contacts				٩	3 rows
Ø	s	USER ID V	NAME	COPY USER	NEW USER ID	APPEND TO ALL TA	RGETS I
\square	D	DCOUCEIRO	David Couceiro	✓			Î
Ø	\mathbf{b}	JGARRO	Julen Garro	✓			ÎII
Ø	2	TEST1	Test1	~			Î

D) Replace Users

In order to replace a user by another one, tick Copy User field and maintain NewUserID.

Business Contacts Add Edit				3 rows
🖉 S USER ID 🔻	NAME	COPY USER	NEW USER ID	APPEND TO ALL TARGETS
🖉 🕽 DCOUCEIRO	David Couceiro	~	ACASTRO	
🔗 🏷 JGARRO	Julen Garro	~	ADibeh	
🖉 🏷 TEST1	Test1	~	AGR	

Note that users Add manually, cannot be copied since they are not maintained in the Source wave.



Web Page Screen shot:

Image: Source of the second		Waves	0			0, 🍄
OF ^A b Adam first La Adam firs Dan Adam firs Dan dgSAP_HANA dgSAP_HANA ^A g Adam first La Adam firs Dan Adam firs Dan dgSAP_HANA ^A b 2 Educate ^{Educate} Educate Dan Adam first Dan dgSAP_HANA ^A g Adam first Dan Adam first Dan ^A b 2 Educate ^{Educate} Educate Dan ^A gPerformanceExample ^A g Adam first Dan ^B b 2 ^N N ^N NCepyWave ^A gSAP <th></th> <th></th> <th></th> <th>TARGET SYSTEM ID</th> <th>NEW TARGET SYSTEM ID</th> <th>CREATED @ (A) (I) 🙁 (D) (B) 📾 🖉 (2) 🛍</th>				TARGET SYSTEM ID	NEW TARGET SYSTEM ID	CREATED @ (A) (I) 🙁 (D) (B) 📾 🖉 (2) 🛍
Image: Source State Sta	ion	🖉 🏷 AdamTest	AdamForDan Adam for Dan	dgSAP_HANA	dgSAP_HANA	
Image: Second acts Image: Second acts Image: Second		🖉 🐧 Educate	EducateDan Educate Dan	dgPerformanceExample	dgPerformanceExample	
Add Edit Add Edit Ø S USER ID * NAME COPY USER NEW USER ID APPEND TO ALL TARGETS Important of the state of		Ø 🏷 TV	IVCopyWave Copy Test	dgSAP	dgSAPIVCopyWave	
Add Edit 4mm Add Edit 4mm Image: S USER/ID+ NAME COPY USER NEW USER/ID Image: Distribution Dania Richardson Image: S Image: S						1 4 0 3 0 2 4 3 6
Add Edt Image: Second Control of C						
Add Edt Image: Second Control of C		Business Contact	ts		• \$	
Image: Distribution Danie Richardson Image: Distribution Danie Stein						
Di JCohen Jake Cohen		S USER ID T	NAME COPY USER N	IEW USER ID APPEND	-	
🖉 🗂 JCohan Jake Cohan 📄		🖉 🗂 DRichardson	Dana Richardson			
Image: Cohen Image: I		A REAL PROPERTY AND A REAL PROPERTY.	David Stein			
P 🖒 JMILLIS Jesse Willis		🖉 🗂 JCohen	Jake Cohen			
		Ø 🗂 JWILLIS	Jesse Willis			

Image Definitions:

Image	Description of the process
\bigcirc	Execute Wave Copy.
•	Process area available for the wave copy.
(Hange)	Transform Settings (Rules, Reports and Exports) available for the wave copy.
	Assembly Where Clauses that will be copied during the execution.
×	Cross Reference databases used in the view of the current wave.
0	Self-Reference Tables in the current wave that will be copied.
	Source used in the Current Wave. There is an option to copy them to the new wave.
	Business Contacts available to be copied or replaced with new contacts.
۲	Developers available to be copied or replaced with new developers.
	Error Summary listing errors of view and procedures not available for the copy.
1	Objects found in the wave that will be copied to the new wave.
۲	Targets found in the wave that will be copied in the new wave.

Copy Wave - Developers Contacts - (Access from Waves)

Go back to Waves page. Click on the Developer Contacts button. It opens as a child pane the Developer Contacts page.

There are 4 scenarios that can be set up in Developer Contacts (Same as Business Contacts). All of them can coexist in the same copy wave:

Deve	loper Contac	ts			C S row	s
Ø S	USER ID ▼	NAME	COPY USER	NEW USER ID	APPEND TO ALL TARGETS	▥
0 🏷	DGINARD	Dani Ginard				Ê
0 🏷	JGARRO	Julen Garro				Ē
0 🕽	SGALINDO	Sergio Galindo				Ê

- A. Append Users: Users are maintained at all TTs in scope
- B. Discard Users: Users are not maintained anywhere
- C. Keep Users: Same users are kept on the same TTs
- D. Replace Users: Users are replaced on the same TTs where the Source ones were.

A) Append Users

If Append To All Targets is ticked for any user, it will be maintained for all TTs in scope. Users to append to all targets can be either set at the Source wave already, and so displayed when the Developer Contacts Page is open, or added manually by clicking on the Add button.

Note that if Append To All Targets is selected, Copy User is disabled and the other way around.

Dev	eloper Contac	sts			o, 🎝	8
A	dd Edit				З гом	/S
Ø S	S USER ID ▼	NAME	COPY USER	NEW USER ID	APPEND TO ALL TARGETS	
0 3	DGINARD	Dani Ginard			✓	Ê
	JGARRO	Julen Garro			v	Ŵ
0	SGALINDO	Sergio Galindo			✓	Ŵ

B) Discard Users

If Copy Source and Append To All Targets are not ticked, user will be discarded.

Devel Add	oper Contac	ts			C Tows
🖉 S	USER ID V	NAME	COPY USER NEW USE	RID APPEND TO A	ALL TARGETS 🔟
۵ 🕻	DGINARD	Dani Ginard		[Ē
Ø 🕽	JGARRO	Julen Garro			
Ø 🕽	SGALINDO	Sergio Galindo		Γ	<u></u>

C) Keep Users

In order to keep the same users in the same TTs, tick Copy User field.

Deve Add	eloper Contac	sts				2 rows
Ø S	USER ID V	NAME	COPY USER	NEW USER ID	APPEND TO	ALL TARGETS 🔟
Ø 🕽	ARAMIREZ	Alex Ramirez	~			
0 🕽	ARUBIO	Ana Garcia Rubio	✓			

D) Replace Users

In order to replace a user by another one, tick Copy User field and maintain NewUserID.

De	eve Add	loper Contac	ts				2 rows
Ø	S	USER ID V	NAME	COPY US	SER NEW USER I	D APPEND TO AI	LL TARGETS
Ø	٥	ARAMIREZ	Alex Ramirez	~	COTMAN		
Ø	٥	ARUBIO	Ana Garcia Rubio	~	DTUDARA		111

Note that users Add manually, cannot be copied since they are not maintained in the Source wave.

Web Page Screen shot:

asp. 🗸								
psaCopyWave ≡ ► Issues	Waves	Edit					م کې 3 rows	
 Metrics SightLine Auto-Validation 	s wave		AVE NEW DES	CRIPTION TARGET SYS	TEM ID NEW TARGE	T SYSTEM ID CREATE	0 🖲 🖻 🖉 🖻 🛍	
► Copy Wave	🖉 🏷 Adam	mTest AdamFo	rDan Adam for D	an dgSAP_HANA	dgSAP_HAN/	•		
Reports Admin	🖉 🏷 Educi	cate Educate	Dan Educate Da	an dgPerformance	Example dgPerformance	eExample 🛛 🔵		
	🖉 🏷 IV	IVCopy\	Vave Copy Test	dgSAP	dgSAPIVCop	/Wave		
		Edit			0,	3 rows		
	🖉 S USEF	R ID v NAM	IE COI	PY USER NEW USER ID	APPEND TO ALL TARC	GETS 🗍		
	🖉 📋 AMon		n McMackin					
	DDov		Downey Vandergriend					
		lueignena run	vandergriend					

Image Definitions:

Image	Description of the process
(Execute Wave Copy.
\$	Process area available for the wave copy.
R	Transform Settings (Rules, Reports and Exports) available for the wave copy.
()	Assembly Where Clauses that will be copied during the execution.
×	Cross Reference databases used in the view of the current wave.
0	Self-Reference Tables in the current wave that will be copied.
0	Source used in the Current Wave. There is an option to copy them to the new wave.
	Business Contacts available to be copied or replaced with new contacts.
\checkmark	Developers available to be copied or replaced with new developers.
	Error Summary listing errors of view and procedures not available for the copy.
(\mathfrak{B})	Objects found in the wave that will be copied to the new wave.
۲	Targets found in the wave that will be copied in the new wave.

Copy Wave – Error Messages- (Access from Process Area or Waves)

Go back to Waves page. Click on the Error Messages button. It opens as a child pane the Error Messages page.

Error Messages					O Trows
WAVE PROCESS AREA ID V	WAVE PROCESS AREA OBJECT	WAVE PROCESS AREA OBJECT TARGET ID	VIEW NAME	SQL VIEW CREATED	ERROR MESSAGE
		DESCRIPTION	PROCEDURE NAME	SQL PROCEDURE CREATE	PROCEDURE ERROR MESSAGE
ММ	Material Master	ttMARA	tvMARA_MEINS_NotInT006_DetailSel	•	View is missing at SQL level in Source Database
		Material Master			

Even though the copy wave has not been triggered yet, it may provide a few error messages that might need revision like a view in scope is missing at the Source database. When the copy wave is triggered, it will fail.

Review all error messages, check whether those views are necessary and if so, try to fix the error beforehand.

Web Page Screen shot:

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BackOffice

dsp. 🗸						DD Dan
psaCopyWave ≣ ► Issues	Error Messages					0, 🛱
Metrics SightLine Auto-Validation Copy Wave	WAVE PROCESS AREA ID ¥	WAVE PROCESS AREA OBJECT ID	WAVE PROCESS AREA OBJECT TARGET ID DESCRIPTION	VIEW NAME PROCEDURE NAME	SQL VIEW CREATED SQL PROCEDURE CREATE	ERROR MESSAGE PROCEDURE ERROR MESSAGE
Reports Admin	P2P	Material	tIMARD_INVENTORY Test	tvMARD_INVENTORY_WERKS_MissingSel	•	View is missing at SQL level in Source Database
	P2P	Material	tiKNA1 Test Customer	tvKNA1_FAKSD_NotInTVFS_DetailSel	•	View is missing at SQL level in Source Database
	P2P	Material	ttKNA1 Test Customer	tvKNA1_KUKLA_NotInTKUKL_DetailSel	•	View is missing at SQL level in Source Database
	P2P	Material	ttKNA1_Postload	tvKNA1_Postload_NotLoaded_Sel	•	View is missing at SQL level in Source Database
	P2P	Material	ttKNA1 Test Customer	tvKNA1_BRSCH_NotInT016_DetailSel	:	View is missing at SQL level in Source Database
	P2P	Material	ttKNA1 Test Customer	tvf0IA1_SPRAS_NotInT002_SummarySel	•	View is missing at SQL level in Source Database
	P2P	Material	tKNA1 Test Customer	tvKNA1_LIFSD_NotInTVLS_DetailSel	•	View is missing at SQL level in Source Database
	P2P	Matorial	ttMARD_INVENTORY Test	tvMARD_INVENTORY_MATNR_MissingSel	:	View is missing at SQL level in Source Database
	P2P	Material	ttKNA1 Test Customer	tvKNA1_Info_SPRO_CheckRptSel	•	View is missing at SQL level in Source Database

Copy Wave – Click the Copy on the Wave Page

Once all the previous steps have been met, go to Waves page and click on Copy Wave button.

V		Ves					Q Iters
6	<u>م</u>	S WAVE ID v	NEW WAVE	NEW DESCRIPTION	TARGET SYSTEM ID	NEW TARGET SYSTEM ID	CREATED @ A () 🛠 🛇 🗐 🖿 🖉 🗊
6	<u>م</u>	W20_Global	W4_RD_DC	W4 - Roterdam - Distribution Center	dgSAPHANASBD	dgSAPHANASBD	

It may take some time to generate the copy. In case Plugins are not installed (which by default they are not) and a new database has been created for a new process area, once the copy wave is completed, go to Admin > Data Sources and click on any Data Source validation button once.

	-										
System Administration	E Da	ata	Sc	ources		× FILTER APPLIED	0, w6			?	\$
Security		Add	đ) 🐨 🖻							12 rows
 Data Sources 											
Audit Report	0	:	S	DATA SOURCE NAME V	DATA SOURCE TYPE	DATABASE	() ()	۹) 面
WebApps			91	dswFIN_W5	SglServer	dswFIN_W5	0	20	0	0	t a t
Translations	v	•	6	usiiriiv_wo	ogioerver	uswrint_wo	6) (m)	0	
Configuration	0	:	10	dswFIN_W5_Cache	SqlServer	dswFIN_W5_Ca	che ((A)	(1)	1.11
Customization		•					(0	0	0	
Resources	0	:	1	dswMDM_W5	SqlServer	dswMDM_W5	6	D) (品)	(1)	同
CTS									~	~	
Admin	0	:	Ð	dswMDM_W5_Cache	SqlServer	dswMDM_W5_C	ache (Ð) (Å	3	前
							(0	0	0	

Wait until it finishes and go back to PSA Wave Management webapp. Now all traffic lights should work properly.

Note that a few might have changed before performing those actions, however, not all of them may change.

In case the wave copy failed, review in either PSA Wave Management or in ADM the scope. Check that all is with green light: PAs, OBs, TTs, Transform views and procedures. Remember that a new trigger can be processed at PA, OB, TT or Transform level. The system itself will enable the right options (See **Error! Reference source not found.**)

In case it did not fail, go to Error Messages page, review what failed (see traffic lights and error messages for more information) and try to fix it. Remember that a new trigger can be processed at PA, OB, TT or Transform level. The system itself will enable the right options (See Error! Reference source not found.)

Additional information:

- If AVB option was ticked, it will register a record in Collect > Tools > Advanced View Builder and views will be created in the new database. However, database used by each record at the AVB must be reviewed and, if necessary, record must be processed again in order to recreate all views.
- Review all fields, sources and users at Target Design. In case it is necessary, trigger Sync to Map (not mandatory)
- Review all mappings, Sources, Assemble Where Clauses at Map. Code and configuration within mappings have not been changed. If Source Tables were not found at the source database, *SELECT SOURCE* watermark will be displayed.
- None standard Apps or functionalities are out of scope.

psaCopyWave ■ Waves Q Metrics Add SigniLine > Waves New Wave New Wave New Description Target system ID CREATED @ (1) (2) (2) (2) (3) (2) (4) (2) (5) (2) (5) (2) (5) (2) (4) (2) (5) (2) (5) (2) (6) (2) (6) (2) (7) (2) (6) (2) (7) (2) (7) (2) (7) (2) (8) (1) (7) (2) (7) (2) (8) (1) (7) (2) (8) (1) (7) (2) (7) (2) (7) (2) (7) (2) (7)
► Metrics
> Auto-Validation ▷ N AdamTest AdamForDan Adam for Dan dgSAP_HANA dgSAP_HANA > Copy Wave 0
Reports Image: Constraint of the second
IV IVCopyWave Copy Test dgSAP dgSAPIVCopyWave Image: Copy Test Copy Test dgSAPIVCopyWave
Process Areas
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Copy Wave - Scope trouble Shooting

In case something was misconfigured like a wrong source replacement has been applied, or a wrong user id was configured or anything huge enough that would take too much time to fix it manually, there is a way to re-do it:

For all those tables where the error was found, the tables must be deleted from ADM > Target Design.

Then, go back to PSA Wave Management and refresh browser's page (press F5). Now, TTs should be displayed as not created. In order to re-generate those TTs

Copy Wave – Check List

- 1. Register new wave in PSA Copy Wave Management
- 2. Define PAs, OBs, TTs and Views/Procedures at transform in scope.
- 3. Define NewDataSources, NewReportCacheDataSource and AVB for each PA in scope. If SQL user does not have permissions to create and modify databases, it would be necessary to create those beforehand if transform elements are necessary.

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- 4. Define SOs, BCs, DCs
 - a. Double check SO 1-1 correlations. If necessary, add new sources or replace existing. Tick necessary ones for copy and define whether mappings are necessary.

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- b. If users must be set up where they were set up, just flag copy user field. If any needs to be replaced, flag both copy user and fill in NewUserID. If there is a user that needs to be set up in all tables, flag Appendtoalltargets field. If user is no longer involved in the new migration, leave all flags empty.
- 5. Set up new Assemble Where Clause Databases if necessary. If New Database is left blank, Source Assemble Where Clause will be copied as it is.

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- 6. Self-Referenced Tables and Cross-Referenced Databases
 - a. Self-Referenced Tables: Tick to force creation those necessary tables.
 - b. Cross Referenced Databases: Fill in a NewDatabase in case it is necessary to change the database in all the correlated tables and views. Also, in case a database replacement is set, tables can also be created in that database.

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- a. Define rules, exports, reports and remediations in scope. By default, all inactive are disabled.
- 8. Trigger Wave Copy.

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9. In case PlugIns are not installed (which by default they are not), once the copy wave is completed, go to Admin > Data Sources and click on any Data Source validation button once.

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- 10. Check errors page, review that all reports, rules and so on have been created successfully (see traffic lights).
- If AVB option was ticked, it will register a record in Collect > Tools > Advanced View Builder and views will be created in the new database. However, database used by each record at the AVB must be reviewed and, if necessary, record must be processed again in order to recreate all views.
- 11. Review all fields, sources and users at Target Design. In case it is necessary, trigger Sync to Map (not mandatory)
- Review all mappings, Sources, Assemble Where Clauses at Map. Code and configuration within mappings have not been changed. If Source Tables were not found at the source database, *SELECT SOURCE* watermark will be displayed.
- None standard Apps or functionalities are out of scope.
- 12. In case there is that needs to be reprocessed, trigger Generate Transform button





Version History

Version	Date	Written By	Written On	Approved By	Approved On
1.0	7/1/2010	Josh Ford	6/10/2020	Larry Rich	6/30/2020
2.0	1/31/2021	Dan Downey	1/05/2021	Manny Doucet	1/21/2021
3.0	6/15/2021	Dan Downey	6/1/2021	Manny Doucet	6/15/2021