

System Landscape Optimization Group

Overview

Our Value Proposition

- Unique SLO approach to enable specific changes inside productive SAP systems
- Minimize Business Interruption during changes
- Minimized risk for customers
- Ensure reliable delivery, support and expert quality

Who we are

- Experts for IT transformation scenarios (Consolidation, Harmonization, Unification, Optimization)
- Thought Leaders for SAP Transformation Services and Software

What we do

- Cover harmonization / consolidation requirements -Business and IT driven Transformation
- Realize customer-specific transformation requirements
- Delivery services around SAP Landscape Transformation (SAP LT)
- Deliver high value and engineered SAP Services

How we do it

- Trusted SLO technology/content; 20 years + experience of project planning, architecture, execution and support
- SLO best practices, automation technologies and expert consulting
- SLO Tools/ Products support project setup as well as execution

Where we are

- Over 300+ dedicated SLO resources world-wide
- Development & Support in Germany and India
- Physical locations in APJ: Singapore, India, Japan, Australia, China



System Landscape Optimization

Project excellence and successes

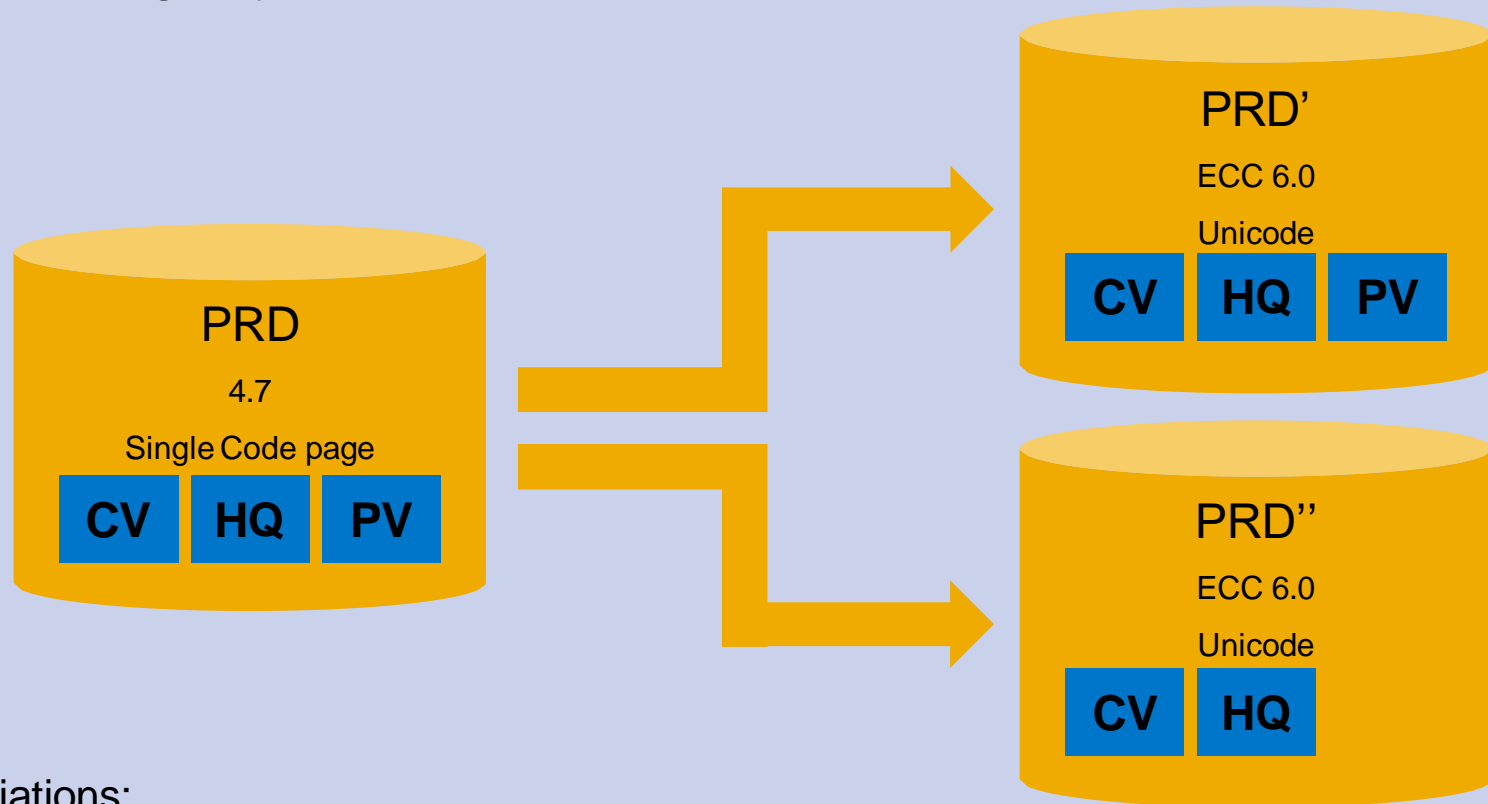


Agenda

- General SLO Group Overview
- **SLO Approach for DFL**

Project Scope at DFL

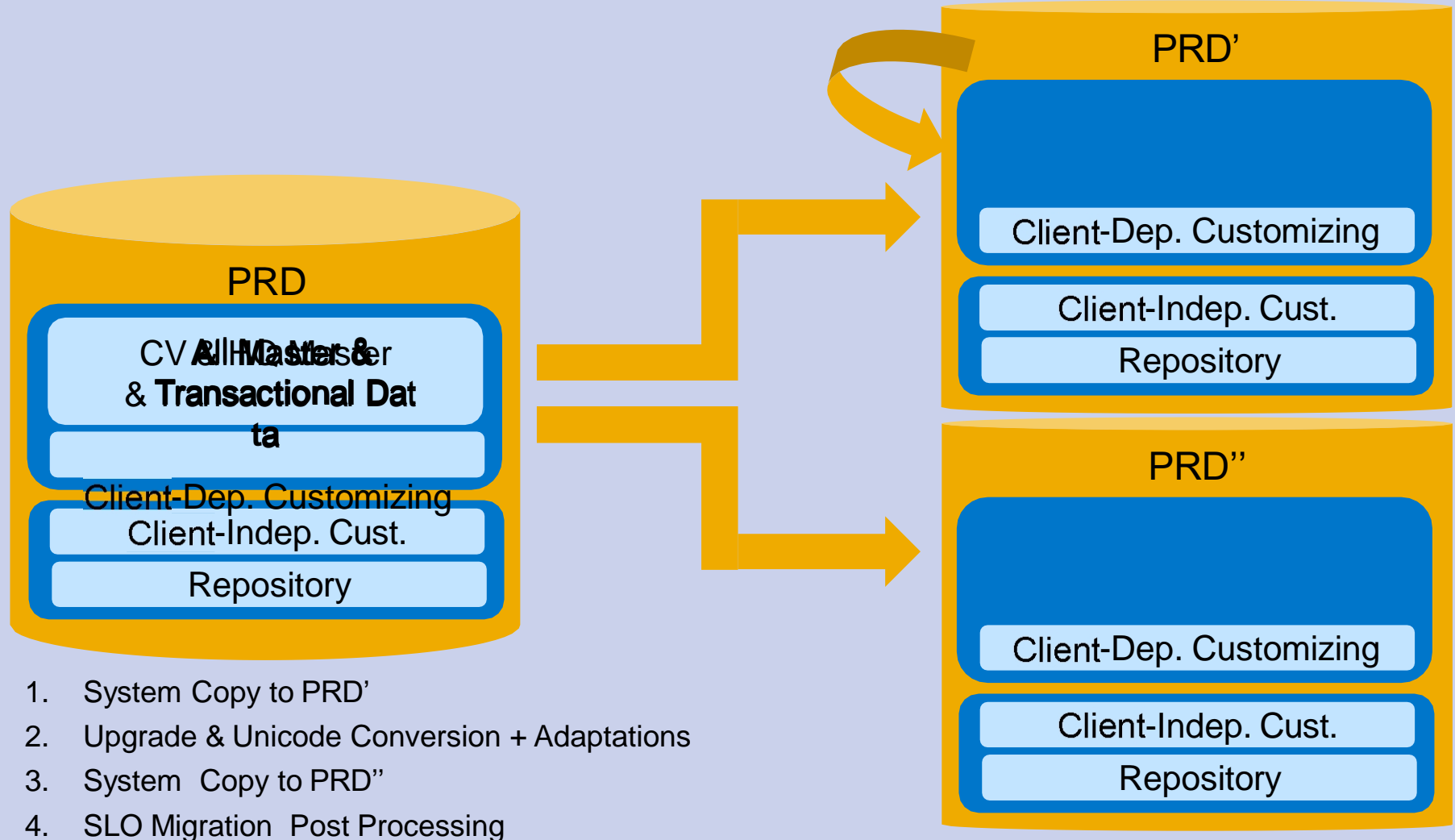
As part of the transfer, SAP will migrate the relevant company codes into each respective target system:



Abbreviations:

- HQ – Company Code for the headquarter operations
- CV – Company codes reflecting the commercial vehicle business
- PV – Company Codes reflecting the passenger vehicle business

High Level Approach at DFL



Some General Points about DFL SLO Project

General Points

- Scope of SLO Migration:
 - Application Data (Master & Transactional Data) based on Table Delivery Class A,L,W
- There are two general scenarios:
 - New DFL System: All Master & Transactional data will be selected
 - New CV System: Master & Transactional data will be selected based on company code
- Project Approach:
 - During each test cycle, a complete execution of all cutover steps will be performed by SLO. This includes a migration of ALL data in each test cycle while reusing the configuration for the migration
- Key Success Factors
 - Completeness of SLO Migration
 - Test Execution during the test phases by DFL
 - Stability & Availability of Technical Infrastructure
 - Dual customizing Maintenance
 - Freeze Period

Definition of relevant tables for migration

Definition of Table Pool for Migration

SAP Standard

ALL filled client dependent Application Data (Master & Transactional Data) based on Table Delivery Class A,L,W Currently 1215 Tables

Selected set of 22 customizing tables, i.e. SKB1, CSKB, etc. 18 additional tables

Additional Customizing tables based on Input by DFL to be provided

Custom Tables (Z* / Y*)

Based on DFL Feedback

General S

All Client D

Check rem

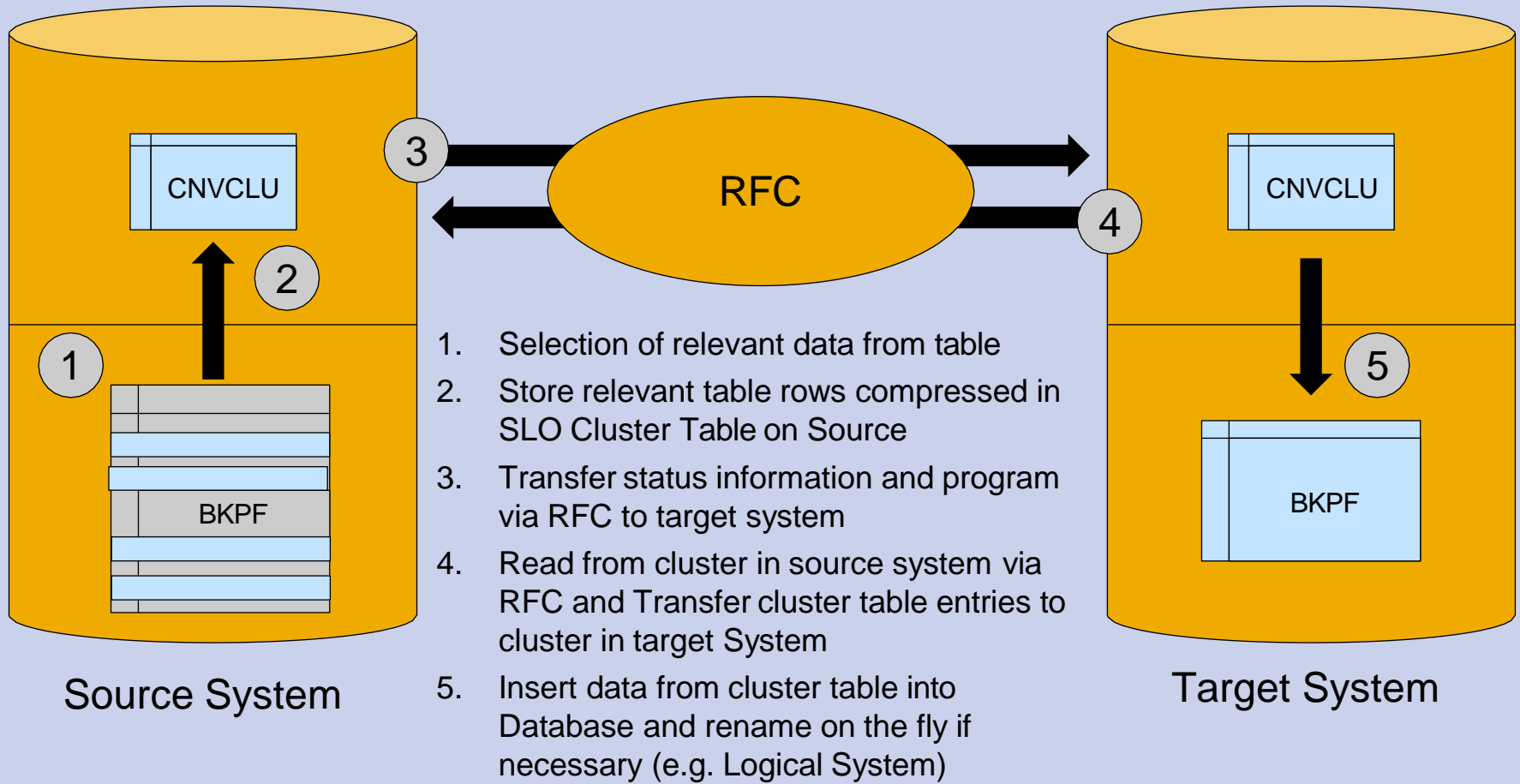
Category	Number of tables	Tables with Entries
Custom Tables		
- Client Dependent A, L, W	564	497
- Client Dependent C,G,E,S	142	111
- Client Independent A, L, W	6	3
- Client Independent C,G,E,S	6	2
Total	718	613

Some General Points about SLO Technology

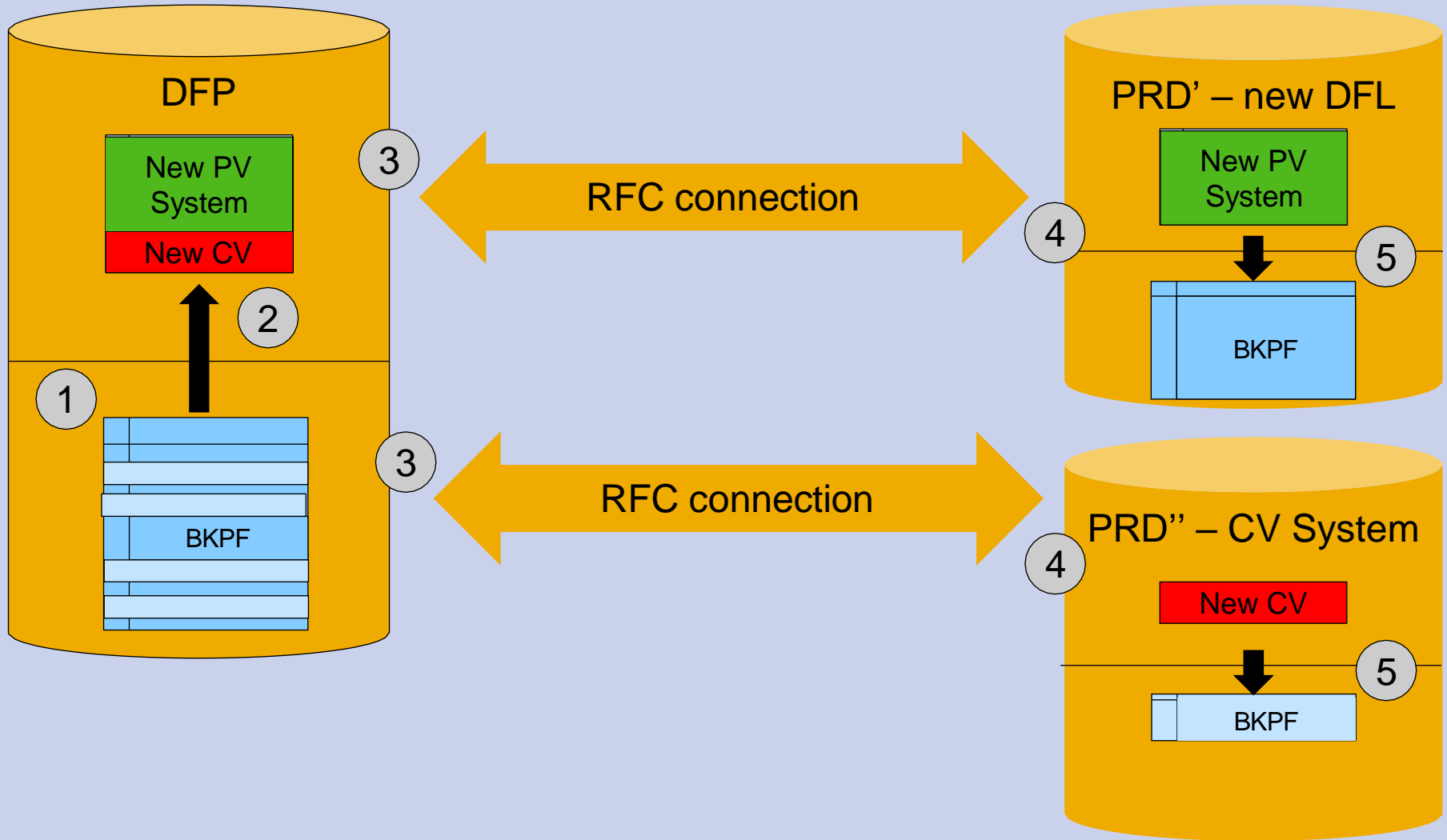
General Points

- SLO operates directly on the database level
- For each table a special migration program will be generated
- The data will be migrated via RFC connection from source to target
- General Performance Bottlenecks are:
 - Hardware, Network, Data Volume
- All jobs will be executed as batch jobs
- Cluster Technology
 - The data will be temporarily stored in a compressed format in a cluster table during the selection
 - Cluster Technology allows ability to restart after system issues
- Parallel Execution
 - Parallel scheduling of batch processes
 - General rule: 1 job to select the data in source, multiple jobs to insert the data on the target
 - Higher parallelization possible

General SLO Procedure

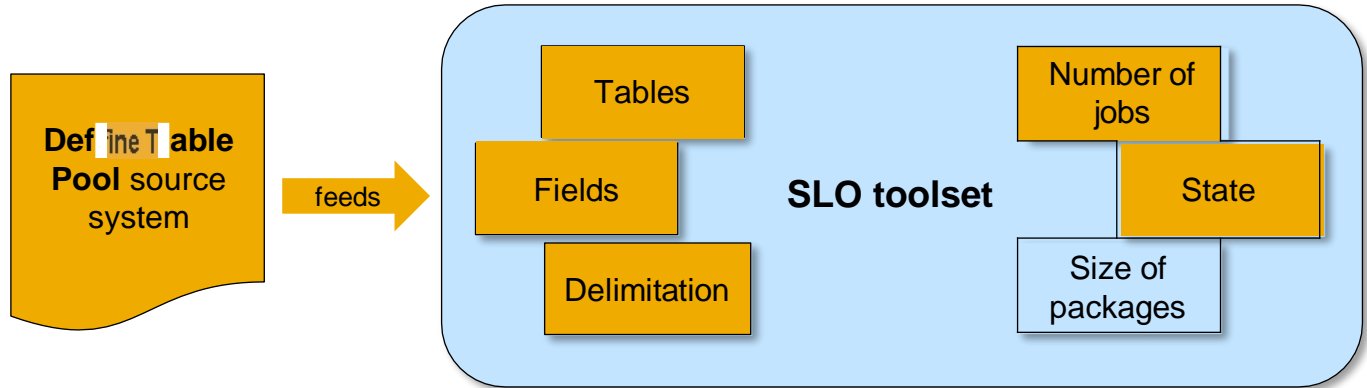


DFL Specific SLO Procedure

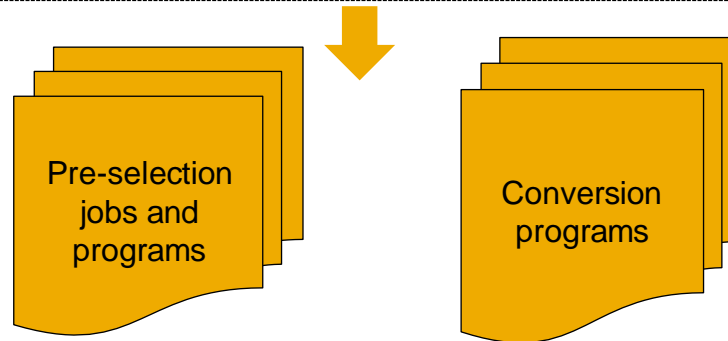


SLO approach – how does the tool work?

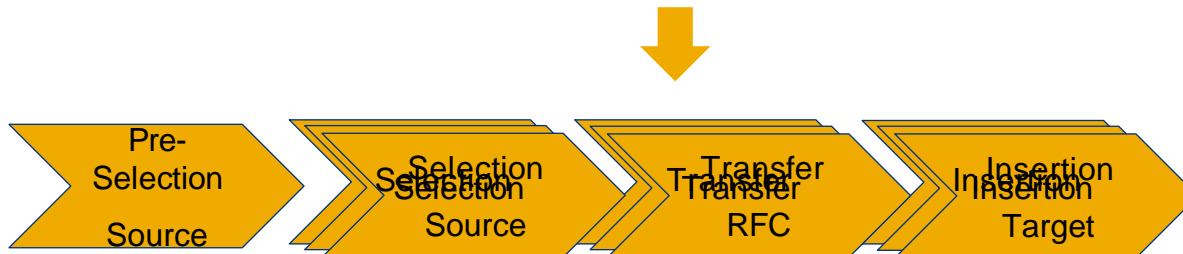
Configuration phase



Preparation & generation



Downtime



SLO Monitoring & Reporting

Reporting

- The SLO Toolset monitors the status during the migration and provides logs
- For each table the number of selected & migrated records are logged
- All errors during the migration are logged
- Logging can be support to check the completeness of migration and provide information on the status during the migration

Conversion Services Procedure Monitor: Table overview

Standard | Jobs | Work processes

Package (act): 90005 -> Standard package Rename Company Codes

Phase: Conversion

Last refresh: 07.02.2004 ; 22:51:02 Tm.

Table Name	Task	Status	ProgPhase	Prt	Compl.	No. records	Relevant	Viewed	Changed	Run time	Start date	Sta
CDPOS			Selection			0	0	0	0	02m 51s	07.02.2004	22:
GLIDX			Deletion	X		267.582	267.582	0	0	02m 48s	07.02.2004	22:
GLS1			Deletion	X		247.833	247.833	0	0	02m 43s	07.02.2004	22:
GLT1			Conv./Upd.	X	28 %	9.020	9.020	2.562	0	20s	07.02.2004	22:
A038						0	0	0	0			
A105						0	0	0	0			
ACCTCR						0	0	0	0			
ACCTHD						0	0	0	0			
ACCTIT						0	0	0	0			
AFAB						0	0	0	0			
AFFH						0	0	0	0			
T811K						0	0	0	0			
TKZUTR						0	0	0	0			
A059			Finished	X	100 %	12	12	12	0	01s	07.02.2004	22:
AUAA			Finished	X	100 %	6.805	6.805	6.805	0	01s	07.02.2004	22:
AUAD			Finished	X	100 %	2.769	2.769	2.769	0	01s	07.02.2004	22:
AUAS			Finished	X	100 %	24.468	24.468	24.468	0	08s	07.02.2004	22:
AUAV			Finished	X	100 %	4.278	4.278	4.278	0	01s	07.02.2004	22:
BSE6			Finished	X	100 %	293.503	293.503	0	0	01m 37s	07.02.2004	22:
BSE6	1		Finished	X	100 %	0	50.749	50.749	0	04s	07.02.2004	22:
BSE6	2		Finished	X	100 %	0	50.749	50.749	0	04s	07.02.2004	22:
BSE6	3		Finished	X	100 %	0	48.078	48.078	0	03s	07.02.2004	22:
BSE6	4		Finished	X	100 %	0	48.078	48.078	0	03s	07.02.2004	22:

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