



# Libelle AG

**Gain valuable time!**

**With Libelle SystemCopy.** See IT. Love IT.

Automated and Optimized Homogeneous System Copies  
for SAP® Applications.



**Libelle**



## Typical Assumptions about SAP System Copies:

They ...

- ...must be scheduled weeks before execution
- ...are complex and time consuming
- ...are resource-intensive
- ...require specific knowledge
- ...block key staff capacity due to the large amount of manual intervention
- ...are error-prone

Especially in complex environments they are often a critical challenge and mutate to a real cost factor in the long run.

**Usual effect:** Critical environments don't get refreshed with required frequency.



## Finally, completely **automated** and **optimized end-to-end system and landscape copies!**

- Supports **out-of-the-box all Usage Types** (ECC, CRM, SCM, APO, HR, BI...)
- Predefined **standard templates** with usually 90+x% of activities for all major OS / DBMS combinations
- **Optimization** of processes (e.g. BDLS, parallelization, ...)
- Supports **both ABAP™ and Java Stack**
- End-to-end processes in both **homogeneous and heterogeneous system landscapes**



## Finally, completely **automated** and **optimized end-to-end system and landscape copies!**

- Use of local or external **authentication mechanisms** (e.g. LDAP, Active Directory)
- Integrated **alerting** of System Copy status (SNMP, E-Mail, Windows-Events)
- **Group Functions**:
  - Grouping and control of any number of configurations in complex system environments
  - Synchronization of different configurations in SAP landscapes on dependency mapping
- **Multilingualism**: NLS National Language Support
- Integrated **documentation and reporting** e.g. of configurations, etc.
- Simple **operations and adaption**



Libelle **SystemCopy (LSC)** is a framework-based software solution to create automated and optimized system and landscape refreshes of all SAP applications. LSC runs independent of the SAP environment on OS and DBMS level

The LSC components include:

- **Server Agents:** Automation components on **OS level**
- **GUI:** Management and monitoring LSC procedures  
**CLI:** Command Line Interface to execute and manage tasks via 3<sup>rd</sup> party tools
- **Tasks:** Functional units / steps of a system refresh

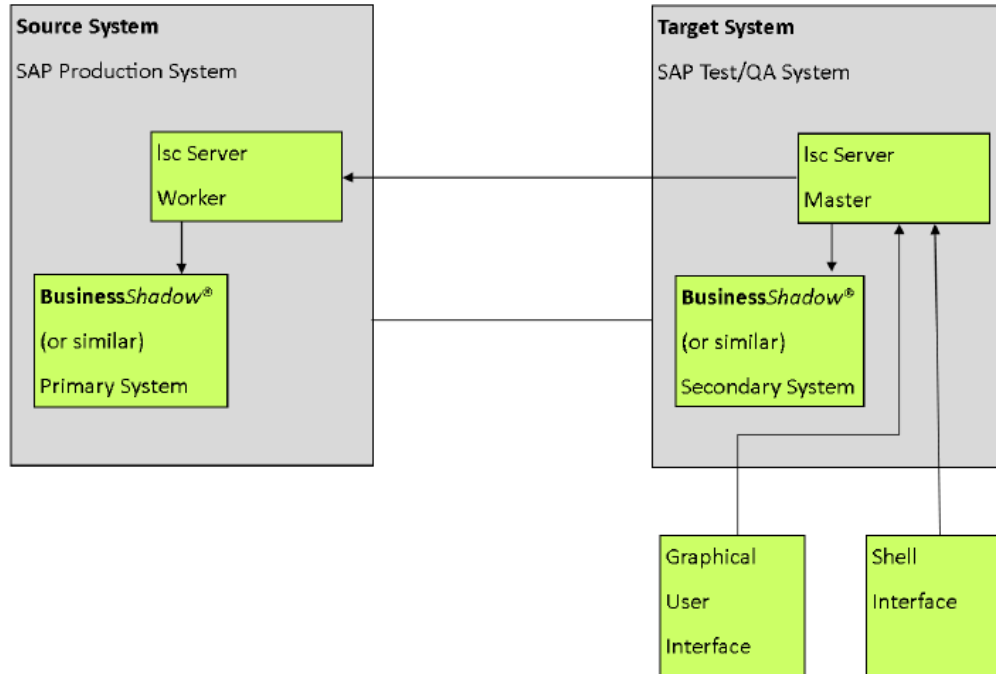


Libelle **SystemCopy** (LSC) delivers **repositories of standard tasks** out of the box. Based on the LSC automation framework, there are additional solutions available, only differing with these repositories, and prepared to get integrated with each other .

- Libelle **SystemCopy** (LSC): Refreshing existing target environments: „Homogeneous SAP system copy“
- Libelle **ClientCopy** (LCC): Refreshing local or remote clients, „SAP client copy“
- Libelle **SystemClone** (LSCL): Creating new target environments, e.g. Project/Sandbox Environments

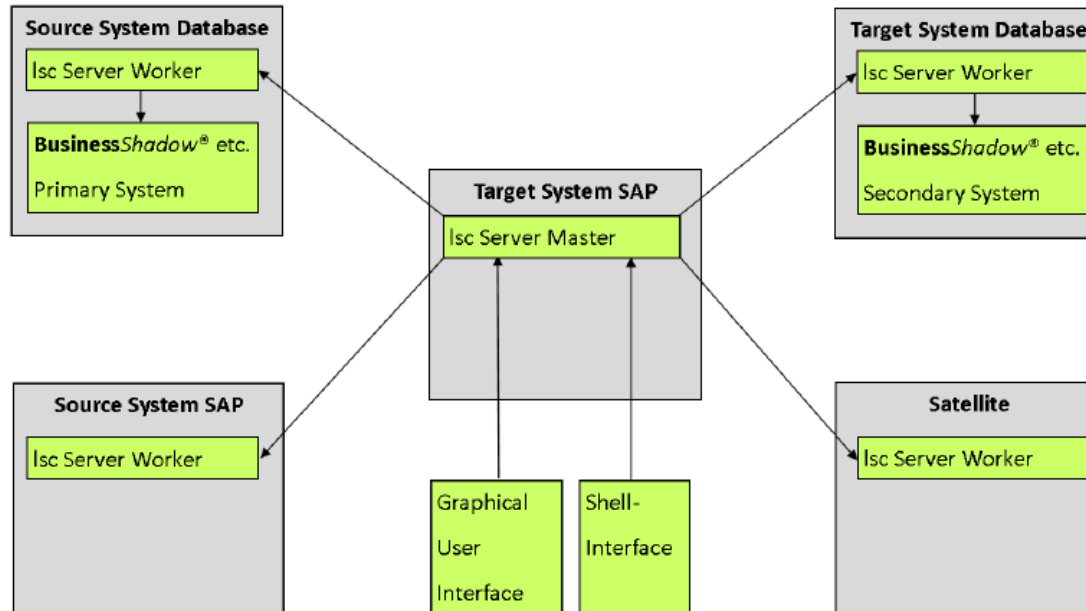


## „Standard Environment“ with one source and one target





## „Complex Environment“ with distributed and satellite systems







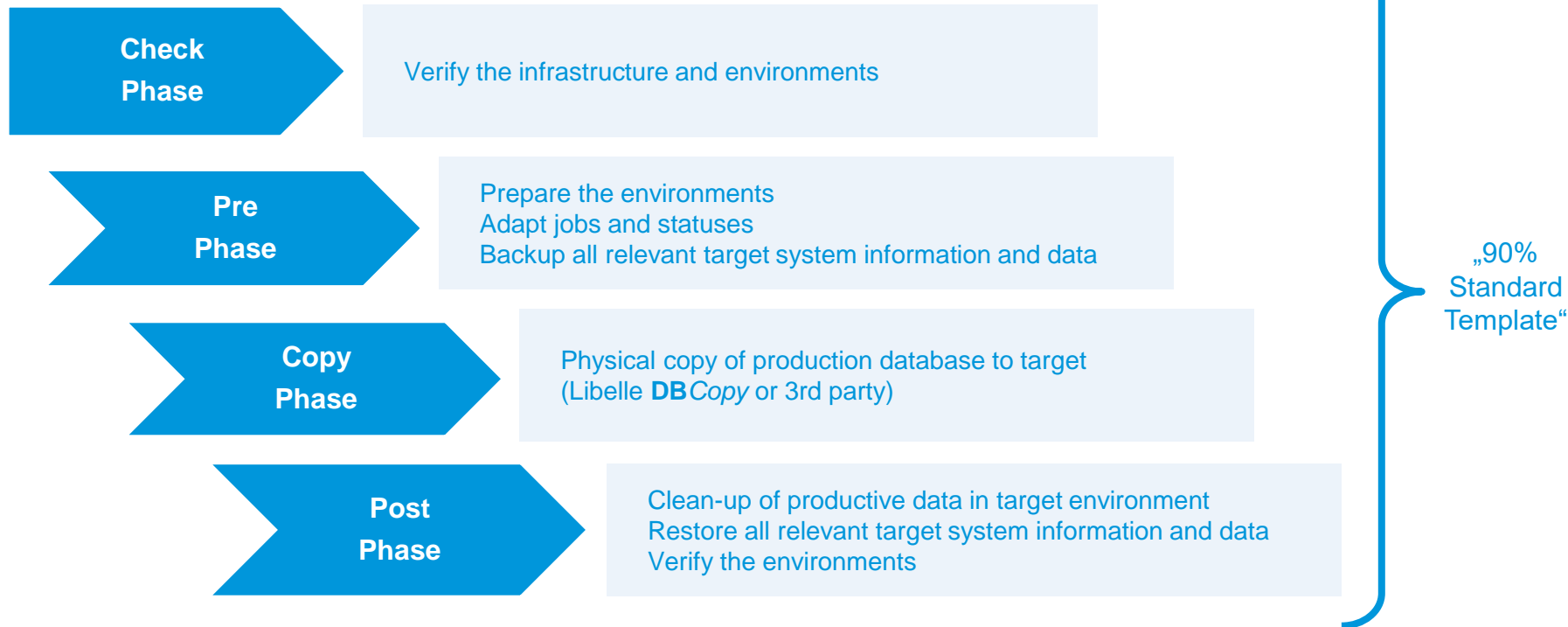
Libelle **SystemCopy** supports a variety of system environments:

- No special or additional Hardware/Infrastructure/Technologies
- No special runtime environments
- No transports or other interventions in the SAP system
- Integration of any external or use of solution-own-copy mechanisms
- Available for all common OS / DBMS combinations
- Easy adaptation of existing configurations to customer specific needs
- Open framework for the integration of any tasks / tools / applications
- Average of 3 days introduction effort

# Libelle SystemCopy. The Process.



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Customizing and integration are easy to manage:

- Custom Tasks (Y- or Z-Tasks), e.g.:
  - Additional checks, verification, tasks
  - Existing scripts or procedures already optimized by customer
- 3rd party solutions and tools, e.g.:
  - Snapshot tools, database and restores mechanisms
  - Integration with external monitoring solution
- Additional Libelle Add-ons, e.g.:
  - Integrated copy process „Libelle DBCopy“
  - Anonymisation of refreshed environments by Libelle DataMasking

# The Live Demo!



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Libelle SystemCopy 4.2.0.0.052

Einrichten Überwachen Administration

Libelle SystemCopy admin

Ausführungsnummer: 2017-02-01\_14-20-58

STARTEN PLANEN ANHALTEN FORTSETZEN ABRECHEN BERICHT HISTORIE

**Gesamtfortschritt**

DEMO

Check 100% Pre 33% Copy 0% Post 0%

**Tasks**

Task-Filter auswählen

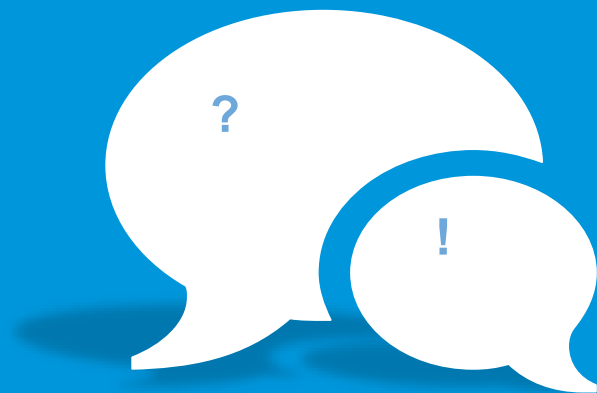
UID	Name	Startzeit	Endzeit	Dauer	Fortschritt
LTRNEXP	STMS: Export transport request number	01.02.17 15:21...	01.02.17 15:21...	00:00:02	100%
LTBLSEXP	BD54: Export content of RFC Destination of Logical System tables	01.02.17 15:21...	01.02.17 15:21...	00:00:02	100%
LSTMSEXP	STMS: Export content of STMS settings tables	01.02.17 15:21...	01.02.17 15:21...	00:00:02	100%
LSMLGEXP	SMLG: Export content of Logon Groups tables	01.02.17 15:21...	01.02.17 15:21...	00:00:03	100%
LCCMSEXP	RZ20: Export content of CCMS tables	01.02.17 15:21...	01.02.17 15:21...	00:00:02	100%
LSTATEXP	ST03: Export content of Statistics tables	01.02.17 15:21...	01.02.17 15:21...	00:00:02	100%
LDB13EXP	DB13: Export content of Scheduling tables	01.02.17 15:21...	01.02.17 15:21...	00:00:01	100%
LPROFEXP	RZ10: Export content of Profile tables	01.02.17 15:21...		00:00:02	80%
LOMODEXP	RZ04: Export content of Operating Mode tables	01.02.17 15:21...		00:00:01	68%
LHTTPEXP	SMICM: Export content of HTTP tables				0%
LRFCEXP	SM59: Export content of RFC Settings tables				0%
LRSCUSTVEXP	RSCUSTV3: User in source system for ALE communication				0%
LSICFEXP	SICF: Export WebService definitions				0%
LSOAMANAGEREXP	SOAMANAGER: Exporting Web Service Bindings, Endpoints, Consumer P...				0%
LOAC0EXP	OAC0/CSADMIN: Export contents of Content Server Administration tables				0%
LLDAPEXP	LDAP: Export contents of Directory Server Connection tables				0%
LEDIAEXP	WE20 and WE21: Export contents of EDI and ALE tables				0%
LSM51EXP	SM51: Export contents of Control Object list tables				0%

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T +49 711/783350  
sales@libelle.com