

SAP® Certified
Powered by SAP NetWeaver®

Data Sync Manager

Your most flexible solution
for consistent and secure
copying of data

Every business aims for success. As a manager, you are always looking for ways to increase profits, reduce risk and improve efficiency and control.

If your business is running SAP®, then one strategic approach is to optimise the management of your landscape. This management includes copying systems, clients or data. It is critical to be able to copy only the data you need – accurately, consistently, and quickly. Choosing the right data-copy software solution to assist you is therefore vital for your success.

Data Sync Manager™ (DSM) is the simplest, most effective and comprehensive way to copy and mask data within your SAP ERP, SRM, CRM, BW and GTS landscapes. DSM empowers all levels of SAP users to ensure that, even within non-production systems, they have access to production data.

Data Sync Manager, created by EPI-USE Labs, solves the problems commonly experienced during system, client or data copies, with its System Builder™, Client Sync™, Object Sync™ and Data Secure™ components. With significant savings in costs and time, you and your users will welcome the high ROI and enhanced value that DSM provides.

“The Data Sync product has been wonderful for our group. We use it for troubleshooting our test and development environments. It is definitely a time saver, eliminating the need for manual data entry.”

SAP Project Leader,
Multi-national chemical manufacturer



What if you could ...

reduce the total cost of Production support?

- Create a fully functional client, and still save up to 80% of disk space
- Reduce time spent recreating Production issues by 90%
- Create new systems in 90% less time

eliminate the risk of sensitive data on your test and training systems?

- Copy and mask selected Production data easily

refresh your systems quickly, without having to re-import transports?

- Create a slimmer copy of Production with all changes intact

test reports and configuration properly before transporting to Production?

- Have up-to-date test data whenever you need it

reduce the risks and costs of an upgrade?

- Selectively copy data on demand, even to a higher SAP release



Why does your business need a data copy solution?

Businesses that run SAP face a common challenge: how to get real SAP data into non-production systems for testing, training and support. While new data reflecting the latest business activity is constantly being added to Production, business users cannot easily access this data.

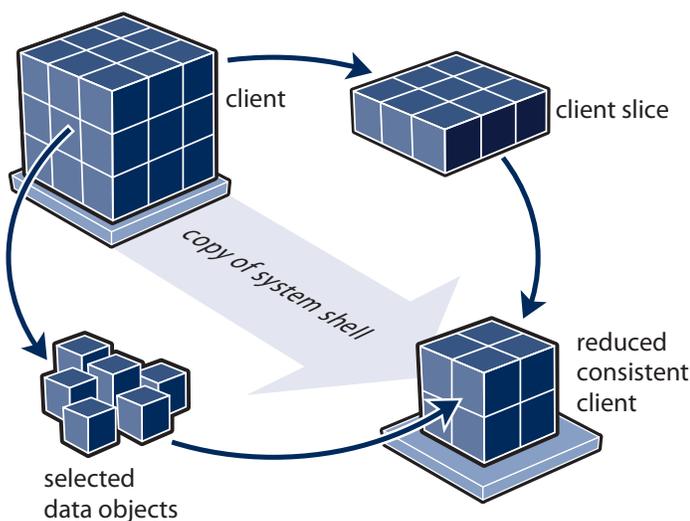
Non-production refreshes are essential for production support and for testing new developments and support packs. In addition, multiple clones of data would dramatically improve training effectiveness, by allowing each trainee to work independently on realistic examples.

However, using live SAP data for testing and training is becoming increasingly difficult. Complete system or client copies disrupt the landscape, require large amounts of disk space, take a long time to prepare, and increase your technical-support overheads. Yet copying only certain data means the configuration and repository objects will be out of sync with Production. The ideal is to make a repository copy of Production to create a 'shell' non-production system, and then to add selected data.

You therefore need an efficient, powerful data-copy solution that offers ease of use, disk-space savings, and high performance. Since the security of copied data is critical, it should be able to mask all sensitive data, and limit destinations. Also, since SAP data storage is complex, the solution must preserve data integrity.

Above all, the right data-copy solution should enhance the value of your SAP system with a high ROI and reduced TCO, and aid business success through greater efficiency and control.

Data Sync Manager solution



Your data copy solution: Data Sync Manager

DSM from EPI-USE Labs is the simplest, most effective and comprehensive solution to your data-copy requirements.

In a typical DSM scenario, the Basis team uses System Builder to make a repository copy of Production, creating a 'shell' non-production system in minimal time. With Client Sync, the team then adds a new client containing only the necessary data and customization, using Data Secure to mask sensitive data if required. Developers and support personnel then use this slimmer client for proper testing, training or support.

Users can use Object Sync to add real, accurate data from Production, masked if needed, as required. Because much less disk space is used and no downtime is needed, this process can be repeated frequently. This approach balances client size with the availability of up-to-date production data.

"I would estimate that the accuracy of our testing has improved at least 90% because of DSM."

IT Business System Analyst,
International Automotive company

System Builder enables technical teams to make a complete copy of all repository objects and client-independent data in Production, to create a new non-production system with Client 000 (basic client-dependent customisation for new clients), and optionally, Client 001 (customisation copy of Client 000) and Client 066 (used by SAP for support).

Client Sync enables technical teams to copy a subset of data to a specified SAP client, at one time. The user selects the subset, which can include master data; a time slice of transactional data (optional to include preceding documents); customizing (optional to include client-independent data); and HR data (with or without Payroll results). The new client is leaner and fully functional.

Object Sync empowers business users to select data at the SAP business object level, such as Material data, or at the transactional flow level, such as Purchasing flow, and copy it to a non-production system. From the data they may access, users can copy what they need, when they need it.

With System Builder you can:

Build a new system quickly

Regardless of the size of Production, you can create a new SAP system shell in a fraction of the time and disk space of a complete copy. Since Client 000, and optionally, Clients 001 and 066, are included, the system shell is ready for use. Adding just the latest transaction data with Client Sync means your system contains only what you really need.

Ensure proper testing, training and support

The repository objects and configuration in the new system are in sync with Production. Adding up-to-date data with Client Sync or Object Sync means that your testing and training is conducted in real-life situations.

"DSM is a life saver. I use it on a weekly basis to copy data, including payroll, garnishments and time data."

Wanda North, Payroll Coordinator-HR Specialist,
Major Municipality, USA

With Client Sync you can:

Reduce disk space needed with data selection

With Client Sync, you can copy just the relevant data, according to the selection criteria, thus reducing the necessary disk space dramatically and saving costs. For example, if the transaction data before a certain date is not needed in the new client, then you can opt to copy only the data from that date onwards. All master data can be included in the copy, but you can easily exclude certain data sets to reduce the footprint of the client further.

Include dependent data to gain fully functional clients

You can choose to include valuable dependent data that does not reside in the specified period. For example, for transactions that end within the copy period specified but that originate before the start date, you can copy the relevant records from outside the period too. The complete document flows mean the client is fully functional.

Reduce copy time and downtime

Creating a reduced client is substantially faster than a full system copy, and downtime is eliminated, so Production interruptions are minimal. No freezes of the DEV system are needed while test data is refreshed.

Reduce Basis workload with faster, easier Syncs

Since Client Sync is easy to use, your Basis team builds clients quickly with minimal effort and monitoring. Client Sync also eliminates the many ancillary tasks related to a system copy, such as re-importing transports. Other benefits are less downtime and, as developers and support teams are empowered to do better testing, fewer transports to process.

With Object Sync you can:

Preserve data integrity with intelligent copying

EPI-USE Labs understands the way in which all SAP data objects are structured, their relationships with other objects, and definitions such as BAPIs, locking mechanisms, number ranges and authorization checks. This knowledge, included in our proprietary Business Object Workbench (BOW), enables DSM to move data consistently and intelligently, ensuring the transfer of all data and maintaining all links to related data.

Accelerate testing with data on demand

Your developers need real data in the Sandbox and DEV systems to test their own solutions properly. With Object Sync, they have the flexibility to select just the transactions and related master data they need from multiple modules (e.g. FI, SD) to copy into the pre-created client. The ability to copy for specific test scenarios makes developers more independent and speeds up the development process.

Empower users for more efficient support

Since your Production-support personnel often recreate Production problems in non-production systems, copying up-to-date Production data with Object Sync helps them resolve such issues more quickly. Testing the resultant configuration changes with realistic data in DEV, before sending to QA, further reduces reworking. Object Sync empowers your users to get the data they need, when they need it.

Clone, mask and refresh training data

Your trainers benefit greatly, since Object Sync can 'clone' the data for each trainee while masking sensitive company data. The training client can be refreshed regularly by loading from a file, freeing up the Basis team.

Protect sensitive data with configurable masking

You can use pre-defined masking conversions to safeguard sensitive data during copies, or configure additional conversions, if required. Adhering to data protection standards (such as Sarbanes Oxley, UK Data Protection Act or German Works Council) is important for the security of your employees, customers and partners.

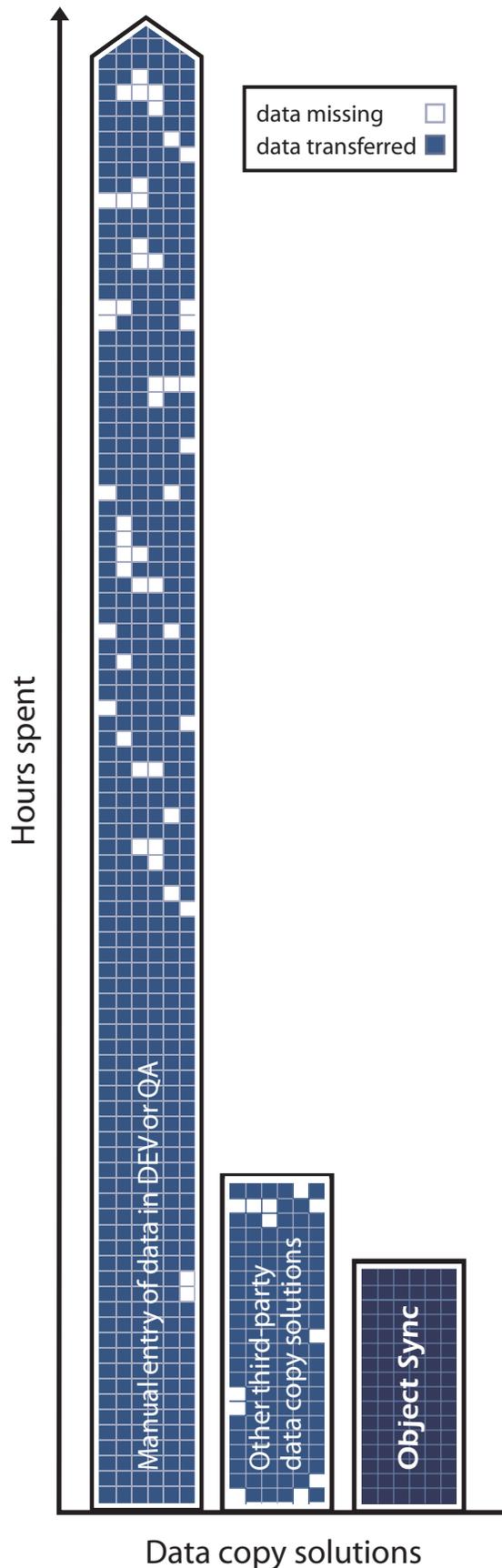
Reduce risks during implementations, upgrades and support-pack loading

With Object Sync you can copy accurate data consistently and intelligently from a lower to a higher release, and test with realistic production data, thus, after major changes, increasing confidence in the data integrity.

Promote governance compliance through increased control

Authorization checks allow your users to copy data from a source system only if they have access to view the data. Locking ensures that data in the process of being copied is not being changed (this only happens briefly and does not hamper the general usage of SAP). The control provided by DSM saves you, as a manager, considerable time in proving to auditors that the necessary governance controls are in place.

Object Sync saves time and preserves data integrity



DSM can copy data:

- from a lower to a higher SAP release
- between Unicode and non-Unicode systems
- between systems running on different architectures

Other DSM Client Sync features and capabilities

- **Pre-defined Profile** option to copy certain data sets only (e.g. only Master/only Customizing/only Master and Transactional data)
- Integration with Data Secure to **mask large amounts of data**, with multiple, extendible options
- **Developer Interface** to create DSM custom objects, or to add customer-defined tables to existing DSM objects for additional reduction in footprint and/ or improved consistency
- **Estimation runs** to calculate approximate disk space required for a new client, before creating it
- **Customization** to exclude certain data sets for space savings or security

Other DSM Object Sync features and capabilities

- Intuitive **easy-to-use interface**
- **Easy selection** of required data, with options to include/exclude enterprise levels
- **Useful Preview** feature, allowing overview of selected objects including integration and flow objects
- **RFC Syncs**, or **File export/import** (allows multiple imports e.g. for training or to multiple systems)
- **Developer Interface (BOW)** to add extra options e.g. custom objects, customer-defined tables, conversions
- **Templates** to easily re-use popular Syncs, or to allow only certain pre-defined selections and Sync options
- Ability to copy complex **HCM cluster data**, such as CATS and Payroll, easily
- **HR PD mass copy** option to copy HR planning data or functional subsets, such as OM or TE, in bulk
- **Intelligent number-range handling** to retain object numbers without compromising number ranges
- Ability to copy **cross-system transaction flows** in distributed system landscapes for ERP, with SRM and CRM available soon
- **Detailed results**, messages and statistics on completion of the Sync

Data Sync Manager

Who will benefit?

Your production-support teams and developers are empowered, within pre-defined boundaries, to select and copy just the production data they need, when they need it. Having realistic, up-to-date data enables them to do more efficient system testing, training and support. Your Basis team, who are able to create systems and refresh clients quickly and easily, are freed to focus on more essential issues. All your users benefit from this simple, easy-to-use yet powerful solution.

Who will be interested?

As a manager in a business that uses SAP ERP, SRM, CRM, BW or GTS, you will be interested in the major savings in time and labor, the reduced need for disk storage space and the reduced costs that DSM brings. The availability of real, accurate data in non-production systems, together with the option to mask data, reduce business risk, thus increasing confidence in the business system integrity and security. Your business gains value through improved business process efficiency and control.

| Technical specifications | |
|---|---|
| Data Sync Manager certification | SAP® Certified Powered by SAP NetWeaver® |
| SAP applications and releases supported | ERP 4.6C to ECC6 (ERP2005) including enhancement pack 4; SRM 4.00 to 7.00; CRM 5.00 to 7.00; BW 7.0; GTS 7.00 to 8.00 |
| Industry Solutions supported | All Industry Solutions, with optimized support for Retail, Public Sector, Media, Utilities, and Mining |
| Business objects supported | More than 850 objects, including master, transactional and hierarchical data |
| Extendibility | Easy object extension and custom object creation via the Business Object Workbench |
| Installation | Via a transport to both SAP source and target systems |
| Additional hardware required | None |
| Additional middleware required | None |
| Languages available | English, German, French and Spanish (Portuguese available soon) |
| Languages in which support is available | English, German, French, Spanish, Italian, Hebrew, Korean, Dutch and Afrikaans |

About EPI-USE Labs

Our passion at EPI-USE Labs is to help you to get the most out of your SAP system, to improve the efficiency and profitability of your business. We specialize in the development of innovative software products that optimize your SAP environment in the areas of System, Client and Data Copying; Data Masking; Reports; Variance Analysis; Time; Payroll; and Tax.

Our customers around the world remain important to us, and often compliment us on our excellent services and support. They appreciate our technical expertise and extensive experience in SAP, and our 24x5 support.

At EPI-USE Labs, our aim is to provide high-quality solutions that simplify and speed up your data management, giving you the information you need for managing your business, when you need it.