



Data Sync Manager™

Fast, powerful and secure SAP data copying

Your organization asks more of its SAP systems every day. At the same time, your team is required to do more with fewer resources and less time, making it difficult to respond to the rapidly changing needs of the business. Rapid data growth, special projects and system upgrades all add to these challenges. Operating reactively on a day-to-day basis is not sustainable; a proactive approach can help you manage your complex SAP environment effectively.

The Data Sync Manager product suite and related services are the simple solution to your data copying and security challenges.

The challenge is how to get real SAP production data into non-production systems for testing, training and support.

Non-production refreshes are essential for production support and for testing new developments and support packs. Multiple clones of data would dramatically improve the usefulness of training by allowing each trainee to work independently on real examples.

The problem is that many standard solutions, such as complete system or client copies, disrupt the landscape. They require large amounts of disk space and are time-consuming, taking a great deal of your Basis team's bandwidth. Also, the required post-processing tasks, such as BDLS, are tedious and prone to errors. There is also the risk of sensitive data being seen by unauthorized eyes.

What you need

You need a powerful data-copy solution that is easy to use, saves disk space and ensures high performance. It should be able to mask all sensitive data and limit destinations and, since SAP data storage is complex, it must preserve data integrity.

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

“EPI-USE Labs' Data Sync Manager is an integral component of our SAP testing strategy. Having on-demand ERP test data is invaluable, saving us time and resources.”

Riikka Kamarainen – Application Services | Ruukki | Finland

Data Sync Manager

The Data Sync Manager suite is made up of four complementary products (System Builder, Client Sync, Object Sync and Data Secure) that can be used in conjunction with each other or independently.

BUILD



New system shell

REFRESH



Subset of client data

COPY



Selected object data

MASK



Protect sensitive data

In a typical Data Sync Manager scenario, the Basis team uses System Builder to make a repository copy of Production, creating a 'shell' non-production system in minimal time. Then, using Client Sync, the team adds a new client containing only the necessary data and customization, while masking sensitive data with Data Secure if necessary. The new slimmer client can be used for proper testing, training or support by developers and support personnel.

Users can then use Object Sync to add real, accurate data from Production as required, masking with Data Secure as needed. 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.



With System Builder™ you can:

Build a new system quickly

You can create a new SAP system shell in a fraction of the time using less disk space than a complete copy. Since Clients 000 and 066, and optionally, Client 001, are included, the system shell is ready for use. By adding the latest transaction data with Client Sync your system contains only what you really need. The repository objects and configuration in the new system are in sync with Production.

With Client Sync™ you can:

Save disk space with data selection

Client Sync lets you select and copy just the relevant subsets of data, reducing disk space needed for the target, and saving costs. For example, you can select transactional data for a certain period only, and for a specific company code only. You can include all master data in the copy, but it's easy to exclude certain data sets to reduce the footprint of the client.

Include dependent data

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

Reduce copy time and downtime

Creating a reduced client is faster than a full system copy. 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 smarter Syncs

Your Basis team can build clients quickly with minimal effort, and receive progress reports via SMS or email. They are freed from many of the ancillary tasks related to a system copy, such as BDLs re-importing workbench transports. Other benefits are less downtime and fewer transports to process, therefore developers and support teams can test more efficiently.

Highlights of Client Sync

- Copy certain data sets with pre-defined profile options for easier and faster execution:
 - Customizing, User Administration, Master Data, Info Objects only, Transactional Data, InfoCube and related data,
 - Only HCM Data, Full Copy.
- Calculate approximate disk space required for a new client, before creating it.
- Exclude certain data sets for space saving or security.
- See what you will copy with a visual representation on screen.
- Receive notifications via SAP messages, SMS, or email to monitor the progress and status of your Syncs.

With Object Sync™ you can:

Keep data integrity with intelligent copying

We have unique knowledge of locking mechanisms, number ranges, authorization checks and BAPIs. Object Sync moves data through the application layer, ensuring that all data is transferred correctly. All links to related data are retained, even across systems and applications. Unlike other data copy solutions which copy data directly, data copied with Object Sync will be consistent.

Accelerate testing

Developers need real data in the Sandbox and DEV systems to test their solutions properly. Object Sync lets them select and copy only the transactions and related master data they need. Copying for specific test scenarios speeds up the development process.

Empower users and reduce risk during major SAP changes

Your support personnel need to recreate production problems and test configuration changes in QA systems. Object Sync is ideal for testing during implementations, upgrades and support-pack loading. It reduces risk by copying data accurately from a lower to a higher release – your data integrity is ensured.

Clone, mask and refresh training data

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

Promote governance compliance

Authorization checks allow users to copy data from a source system only if they are authorized to view the data. Locking ensures that data cannot be changed during a Sync. Such control measures help you prove to auditors that governance controls are in place.



“My team and I can’t work without it and would recommend DSM to anyone – can’t praise it enough!”

John Klus, SAP HR Support Team Leader |
SAP Service Delivery Manager
Serco Solutions | United Kingdom

Highlights of Object Sync

- Preview Syncs and get an overview of selected objects, including integration and flow objects.
- Re-use popular Syncs via templates or support users with pre-defined selections.
- Copy via RFC or File Export, which allows single or multiple File Imports for training.
- Add extra options such as custom objects, customer-defined tables, conversions.
- Copy complex HCM cluster data, such as CATS and Payroll.
- Use the mass-copy option to copy HR planning data or functional subsets, such as OM or TE.
- Retain object numbers without compromising number ranges.
- Preserve data consistency when copying in distributed system landscapes.

Benefits of Data Sync Manager



80%

Create a fully functional client AND save up to 80% of disk space



Cut production support costs with faster, more accurate testing



Eliminate risk and secure sensitive data



Always have relevant, up-to-date data in non-production systems - even between refreshes!



Reduce time spent recreating production issues by 90%



Lower risks and costs associated with support packs and upgrades

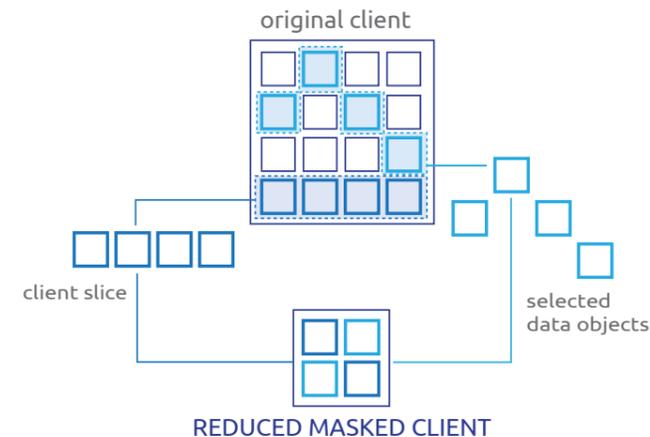


Copy data consistently across system landscapes and include cross-system and crossapplication transaction flows

With Data Secure™ you can:

Protect sensitive data

To mask sensitive SAP data, use pre-defined masking rules from our online user community, extend the rules if needed, and then apply them to scramble data during Syncs or in place. Use Data Secure with Client Sync, with Object Sync or on its own:



Safeguard across the landscape

Administrators can define masking policies in one place and apply them across the entire SAP landscape, thus masking all SAP systems consistently. Data Secure can even discover sensitive data in custom infotypes and protect it. The product handles large data volumes easily.

Comply with data protection laws

Data Secure significantly reduces the risk of security breaches of non-production systems. It helps you comply with globally accepted dataprotection standards, such as Sarbanes Oxley and the General Data Protection Regulation (GDPR). This is crucial for the security of your employees, customers and partners.

DSM - your powerful data-copy and security solution

Who will benefit?

Your support teams can get realistic, up-to-date data for testing and training and so provide more beneficial and targeted support. Your Basis team is able to create systems and refresh clients quickly and easily. All your users will benefit from this simple, easy-to-use yet powerful solution.

Who will be interested?

Your business will save time and effort and reduce costs and storage space. Real, accurate data in non-production systems, masked if required, reduces risk in your business and increases confidence in the business system integrity and security. You will welcome the high ROI that DSM provides.

About EPI-USE Labs

Our passion at EPI-USE Labs is to create products and services to boost the performance and management of SAP data. The results of our creativity are used in businesses around the world to bring measureable improvements in business processes. Time has shown that our products and services become indispensable to our clients' SAP landscapes and operations. Our solutions are primarily found in the areas of landscape management, HCM reporting and variance analysis.

GDPR (the General Data Protection Regulation)

By 25 May 2018, all companies world-wide collecting, storing and processing personal data from European Union (EU) citizens must be ready to reveal the data they have on the individual and what purpose(s) it is being stored and used for. We've put our experience to work to develop the SAP GDPR Compliance Suite. We also offer guidance and best practice, including understanding the affected data types, direction on where data is stored in SAP, and choices to meet requirements.

DATA DISCLOSE™

Find sensitive data: Instantly search an SAP landscape to locate, retrieve and present a subject's data footprint with an encrypted PDF download.

DATA REDACT™

Redact sensitive data: Sensitive or identifying fields are altered, or cleared, without removing the whole record. Referential integrity is not at risk.

DATA RETAIN™

Proactively highlight sensitive data: Proactively finds data subjects for redaction based on flexible rules. Executed ad-hoc or scheduled to automatically run periodically.



Visit epiuse.com/epiuse/dsm to view videos about Data Sync Manager and find out more about how we have helped clients like you, or contact us at info@epiuse.com for a chat or demonstration.