



Synchronizer 8

*... Automated Quality Assurance
for SAP HR/HCM*

Quality Assurance for SAP-HR/HCM? Now with a Mouse Click!

Dear SAP-HR User,
Dear SAP-HR Director,
Dear Head of SAP-HR Competence Center,

Release Changes, Year-End-Updates and Customizing Changes - these are all events that call for quality assurance: ***"Does everything still works afterwards that worked well before?"***

Unfortunately the only answer is: ***"Test it!"***

But with what? SAP can't copy any HR data from the production- to the test-system in order to create test-cases. And to create test-cases manually for every test again is - in the long run - simply too time-consuming and therefore too expensive.

How can you create test-cases quickly and efficiently?

Our tip:

"Copy your test-cases with Synchronizer - the SAP-HR Data Copier - recommended by SAP.

On the following pages I will show you how simple it is to create test-cases with Synchronizer. And how you can - at the same time - ***simplify your HR-Quality Assurance significantly*** - just with a few mouse clicks.

Mark Hediger
HR Director
Newground AG

WORLD RECORD: 527 HR Test-Cases Created in 2 Minutes and 55 Seconds!

Quality has the highest priority in HR. And therefore testing has a high priority: For example after a release change or after the year-end-updates. And also after you've created a new wage-type or changed the customizing of the payroll. Because **only functional tests will guarantee, that your payroll still works correctly after all these changes**. And of course the rest of the HR as well.

But: You need test-cases for testing - authentic test-cases. But in the test system there are no authentic test-cases unless you created them manually. And this can take up to ten minutes per test-case. A tedious and discouraging job. Because you need to update the test-cases again for the testing of every release change or year-end-update.

Would it not be much more comfortable, quicker and safer, if you could simply copy all the test-cases - with all their data - from the production- to the test system? And be sure, that all data is copied correctly - one-to-one? And anonymized, when needed to protect the data according to the law?

Unfortunately the SAP-Standard does not offer a tool that every HR-manager can use productively after only a short introduction of about two hours.

Synchronizer Is Our Answer To This Problem

And for us the most important person is the HR-user. Therefore we built a simple and user-friendly wizard that guides you through the copy process - step-by-step:

- You select if and how the persons and data is anonymized.
- You select the persons.
- You select the data.
- You select the target system/client for the copy.

And finally you can save your selection in a copy variant for later use. Then you press the button - and the copy begins.

The Copy Process - Step-by-Step

Making your selection in the wizard takes less than two minutes. But let's have a closer look at every step:

1. Select Anonymization

You can either copy persons one-to-one. Or you can anonymize the copy. Select if you want...

- Synchronizer to create new personnel numbers
- Synchronizer to anonymize data fields of info types by selecting an anonymization variant.

2. Select Persons

Synchronizer either copies employees or applicants:

- Select a single person with a matchcode
- Select many persons with the selection report
- Select persons along an organizational structure

3. Select Data

Synchronizer copies all your HCM Data. Using a simple wizard the user selects copy-groups, that can contain any data you need:

- SAP-Standard Infotypes - Persons and Applicants - including the central person
- Customer Specific Infotypes - Persons and Applicants
- Payroll Data (Cluster PCL 1-5)
- Time-Events
- Time Contingents
- Cross-Application-Timesheet (CATS)
- Org. Management - Objects, Relations, PD-Infotypes
- Pension Fund Accounts
- Any SAP-Table - including customer specific tables

4. Select The Target System

Select an RFC-connection for the target system if you want to start the copy immediately. If you prefer to copy later, you can save the data in a file and import it into the target system whenever you like. And in the expert mode you actually can start the copy at any time you like by creating a job. You'll find more information about the expert mode below.

5. Save Copy Variant And Start Copy

Finally you can save your selection in a copy variant. And when you start another copy you simply select that copy variant.

Now you're ready to go. When Synchronizer is finished an extensive protocol is displayed with all the copied data.

Expert Mode

As an expert or system administrator you set up Synchronizer for copying:

- You create **Copy-Groups** that the user can select in the wizard. For each copy-group you define which infotypes, payroll results etc. are copied.
- You create **Copy-Batches** that contain one or several copy-groups. You need copy-batches only when you intend to copy data using a job.
- For the **Anonymization** you create Anonymization Variants that the user can select in the wizard. For each variant you define which fields of which infotypes are anonymized and how: delete field contents, fill them with random values for amounts and characters.
- You set up **Access Rights** for the Synchronizer transactions. The access rights define who can access which functions in Synchronizer.

Test-Cases Are Only The Beginning

To copy HCM data - instead of creating them manually again and again - is time-efficient not only for testing. Synchronizer is the optimal enhancement for the SAP-Standard also for the following scenarios:

- **Creating and Maintaining Training Systems:** You copy data from the production- to the test-system and you anonymize them. Or you create training data manually and multiply it with Synchronizer.
- **Merging Systems:** You import data from another SAP-system into your SAP-system.
- **Splitting Systems:** You export data from your system into another system.

24 Good Reasons To Choose Synchronizer

Read now the benefits of Synchronizer in the following overview:

- Unmatched, simple user interface thanks to the wizard - for users, not for techies.
- Minimal investment in training for users.
- User interface is available in several languages.
- Synchronizer supports all HCM country versions.
- Persons are selected for a due date or a period.
- All HCM Data is copied such as infotypes, clusters, time-events etc.
- Existing persons are either replaced with the copy or completely deleted before the copy.
- The central person is copied as well.
- Data is anonymized if necessary.
- Customer-specific anonymizations can be implemented using user-exits.
- Retro-calculation is still possible after the copy.
- Organizational structures or part of organizational structures are copied.
- An extensive protocol shows all copied data.
- Detailed access rights on transaction level.
- A high data quality of your test-cases is guaranteed.
- You can update your test-cases at any time - with a few mouse clicks.
- Expenditure of time for creating test-cases is reduced.
- The data volume in the test system is reduced by partial copies.
- The HCM quality is assured at release changes and when importing software patches.
- The production-system is secure because tests can easily be done in the test-system.
- Costly and time-consuming client copies are avoided.
- You can enhance the functionality of Synchronizer easily thanks to the object-oriented architecture.
- The installation is modification-free and Synchronizer uses its own name space.
- A professional helpdesk with experienced SAP-experts answers all the questions you and your users might have regarding Synchronizer.

And to protect your investment in the Synchronizer in the long run, we offer you a maintenance contract. You automatically receive the latest updates - and are sure, that Synchronizer always works properly with your latest SAP-release.

On the next page some of our customers talk about Synchronizer - read on...

Our Clients Love Synchronizer

*"**Tremendous time savings** when creating authentic test-cases for SAP-HR/HCM. With Synchronizer hundreds of real test-cases are created within minutes. If we had to create test-cases manually we would need about 15 minutes for each test-case."*

Diethelm Hoffmann, Migros Genossenschaftsbund

*"The waiting for client copies is history. Now we get an **Authentic Testenvironment with a few mouse clicks** - without IT-support."*

Anton Arnold, RUAG

*"Synchronizer is extremely efficient for creating SAP-HR/HCM test- and training-data. **Our customers are very satisfied.**"*

Tom Pustina, Smahrt AG

*"With Synchronizer we do live-tests in our test-system as if we were in the production-system. In this way we can **test all new customizing settings and program changes** with up-to-date and anonymized data, before we transport all the changes to the production-system."*

Ralph Eglauf, SAP-HR CC

*"**Synchronizer is irreplaceable for analyzing bugs and problems.** With a few mouse clicks we copy problematic cases from the production- to the test-system for extensive tests. In the same way we can test new customizing and new programs with hundreds of real persons at no cost."*

Olivier Scurio, ERP sourcing AG

*"Synchronizer is a **future-proof investment** - thanks to its object-oriented architecture."*

Oliver Brettschneider, Dipl. Mathematiker, Softwarearchitekt und ehem. Mitarbeiter der SAP AG

If you have any **questions** - please contact me. **Test installations** and **reference client visits** can be arranged.

*Solution-
Provider*

*Newground AG
Therwilerstrasse 40
4054 Basel
Schweiz*

*Sales
Department*

*RM Management Solutions
Hinterer Mettliweg 5
8800 Thalwil
Schweiz*

*Telefon +41 44 772 35 70
Handy +41 79 250 28 42
Email raphael.morath@rmms.ch
Web www.rmms.ch*