REDWOOD ROBOTICS™ SOFTWARE IT OPS: SAP SYSTEM COPY

MANY HANDS DON'T MAKE LIGHTER WORK!

There are several reasons to make a copy of your critical production systems. Performing and testing upgrades, verifying new customization, refreshing test environments and replication for disaster recovery. Executing those tasks manually can have negative repercussions, especially when you consider that every year, IT projects increase due to software releases, new functionalities being introduced and ongoing R&D developments. These projects require testing the end-to-end process and regression tests. System copies therefore become critical for your enterprise.

But the process can take several days and requires a great deal of manual intervention. It can slow down testing, development and production system performance. Automating the process is the only answer but to get maximum benefit from a system copy automation solution, it must meet several criteria.

BEST PRACTICE SYSTEM COPY AUTOMATION USING REDWOOD ROBOTICS™ SOFTWARE

For a system copy to be effective it must be fast, reliable and secure and must provide true end-to-end automation. Redwood Robotics™ software both meets and exceeds those expectations. The robots ensure reliability and accuracy, but also, accelerate the implementation of copied environments.

IMPROVE SYSTEM COPY PROCESS, SPEED, INTEGRITY AND RELIABILITY

SIGNIFICANTLY REDUCE MANAGEMENT, TIME, ERRORS AND INCONSISTENCIES

ENSURE SMOOTH DATA TRANSFER AND ELIMINATE SERVICE CALLS FOR OUT OF SPACE CONDITIONS

SIMPLICITY, SECURITY AND SAVINGS GUARANTEED

Redwood can save companies as much as 90% in time and overhead and the refresh of databases can be run either at planned times or on an ad-hoc basis. The solution automatically monitors resource use through the solution's intelligent queue management. Handovers between functional teams involved in system copy are automated, monitored and escalated if necessary. That way staff can focus on growth and improvement rather than simply making sure the system copy takes place.

Robots automate any system copy task that doesn't involve human interaction. Pre-export checks; the export process; moving exported data to the import location; the import process; the post-import processes; post-copy target system validation; and, license implementation – it handles these processes effectively.

These steps are orchestrated end-to-end, so the completion of one step triggers the start of the next. For maximum time and monetary savings, system copy can be performed on the entire landscape simultaneously, with critical steps being synchronized across the landscape.

Of course it goes without saying that when making system copies, data security is of utmost importance. Companies can't afford to have financial and personal data that exists in production systems exposed in non-production systems. To protect against these types of breaches, Redwood has a function called Data Masking.

WITHOUT QUESTION, THIS IS NO COPYCAT SOLUTION!

Other system copy tools can only automate the copy phase and can't run the entire process, whereas Redwood can robotize the refresh and copy production in a sandbox environment for test and acceptance. Along with detailed content and granular task automation capabilities this helps to provide fast and reliable target systems deployment. The self-contained solution is based firmly on Redwood's proven robotic process capabilities, requires no third-party hardware or software to enable any part of the process, and integrates with any existing infrastructure.

> In the past, when a request for a rapid copy was requested, it was just not achievable. Today our copies can be completed end-to-end in less than two business days and we're able perform more, with fewer resources and at less cost. And that's priceless.
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> *—Terry Chadwick*
> *SaskPower – Manager SAP Technical Support, SAP Operations/IT&S*

WE ALWAYS HAVE AN EYE OPEN TO ENSURE A SMOOTH PROCESS

Successful system copy automation and completion ultimately depends on more than just task execution, too. The underlying infrastructure must also be healthy. You need to know if the target system disk pack is running out of space before you start the data copy.

Redwood's solution gives you a centralized system monitoring capability that detects when storage thresholds are breached and adds more space to the storage sub-system automatically, ensuring smooth data transfer and eliminating out-of-space service calls.

The solution continually monitors log files to detect any errors and take corrective action immediately. Once target systems are populated and ready for use, you'll want to run multiple validation jobs to ensure successful execution of system copy together with the data and system parameter import.

With Redwood, you can run these tests repeatedly and automatically, secure in the knowledge that they will be consistent and dependable. You'll have full visibility of all stages of the refresh process including availability of the test environments, control and governance, and you'll find that you are able to continually meet SLAs.

For more information on Redwood Robotics solution, please visit **www.redwood.com/robotics**