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.

**MANY HANDS DON'T MAKE LIGHTER WORK!**

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

**BEST PRACTICE SYSTEM COPY AUTOMATION USING REDWOOD ROBOTICS™**

- 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
RoboSystemCopy by 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.

The solution automates 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, RoboSystemCopy has a function called Data Masking.

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.

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.

—Terry Chadwick  
SaskPower – Manager SAP Technical Support, SAP Operations/IT&S

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 RoboSystemCopy, 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.

We help companies achieve the “The Robotized Enterprise™”, robotizing up to 100% of end-to-end processes across R2R, O2C, P2P, Human Capital, Supply Chain and others to improve process efficiencies and quality while diverting resources from the back office and redirecting them to value added customer activities. Today more than 3,000 customers worldwide already work with Redwood Software to eliminate the costs, risks and wasted time of manually repetitive business process tasks.

For more RoboSystemCopy information visit www.robosystemcopy.com