

Reduction in testing for improvements in quality

CLIENT
SALT RIVER PROJECT

INDUSTRY
ENERGY

SOLUTION
LIVECOMPARE IMPACT ANALYSIS



Helping teams achieve operational efficiency through better release cycles

Located in Arizona, Salt River Project (SRP) is a community-based, not-for-profit water and energy company. It provides water and power to more than 2 million people living in central Arizona and is one of the nation's largest public and power utility providers.

SRP went live with SAP in 2013, upgrading to EHP7 in 2015 and then migrating to SAP HANA and EHP8 early 2018. To help SRP release software quicker and with fewer defects, they use LiveCompare software.



Key client challenges

To support business innovation, SRP was looking to migrate to SAP HANA and upgrade its systems to the latest Enhancement Pack – EHP8. When introducing any changes to SAP it needed to be tested so SRP could be confident that production would not be broken.

SRP wanted to find a new way to approach testing when faced with their SAP HANA migration and EHP8 upgrade. As part of their testing strategy, SRP also used HP ALM from Micro Focus to create key re-useable automated test scripts.

“The team typically releases two large projects and around 28 smaller releases per year, in the past we’ve typically taken a “test everything” approach. This was time and labor intensive, resulting in lengthy user acceptance testing cycles.”

– Suzanne Casey, Team Lead Enterprise Systems Quality Assurance

The approach

For SRP, the answer to decreasing testing cycles and increasing quality was LiveCompare, smart DevOps software for SAP applications.

SRP uses LiveCompare to focus on the most-at-risk objects to test when introducing change to their SAP system.

Once the analysis has run, the team gets a handy list of what to test as the relevant test cases are written to Micro Focus HP ALM.

To enable complete visibility and a DevOps approach to managing SAP testing, SRP integrated LiveCompare with Micro Focus HP ALM to identify where they have gaps in their test scripts. If any test cases are missing, they can then add these into Micro Focus HP ALM before they start testing. This integration means they can be sure that the tests they have built cover exactly what will change. LiveCompare picks up the automated test scripts and the integration tells them if they have gaps in their tests.

SRP also uses LiveCompare to audit their test process. They can be sure that testing processes have been followed correctly and that the appropriate transports have been moved to production.

“LiveCompare provides detailed information on what we need to test. Without this analysis, the team at SRP may miss important changes, putting the business at risk.”

– Suzanne Casey, Team Lead Enterprise Systems Quality Assurance

The results speak for themselves

Benefits of LiveCompare at Salt River Project Include:

- Reduced System Integration Testing by 25% when compared with their EHP7 project.
- Reduced User Acceptance Testing by 50% when compared with their EHP7 project. Quicker detection of defects
- Decreased testing timeframes
- Decreased risk
- Decreased time spend of unplanned work
- Increased trust in software releases
- Improved quality of released customized software

“By using LiveCompare as part of our SAP HANA and EHPS projects, we’ve been able to detect defects quicker and improve quality. We’ve significantly decreased our testing timeframes and time spent on unplanned work. We can be sure we are providing quality software releases.”

– Director of Testing.

Let’s talk

For more information, talk to a member of our team today.