Building continuous change intelligence for SAP in the public sector

Why governments need a streamlined, more efficient, and higher-quality SAP change & release process.

LiveCompare

LiveCompare is an SAP analytics and insights platform designed to be used at each stage of the SAP lifecycle. It queries your SAP systems/landscapes to analyze your code, configurations, data, security, and usage stats. Its goal is to provide the various SAP experts, such as your testing team, developers, change release managers, operations, security, and basis team, with analysis and insights to do your tasks faster, more efficiently, and with higher quality.

With Tricentis LiveCompare, your teams can do the following:

Know exactly what to test

For your software quality assurance team, LiveCompare uses advanced algorithms to identify the right SAP objects to test. This cuts the average test scope for a release by 85%. In other words, it gives you up to 100% risk reduction for only 15% of the effort, thus accelerating testing/delivery of changes into SAP while ensuring high software quality.

Change impact analysis:

LiveCompare uses advanced algorithms to identify the SAP objects that are put at risk from upgrades, support packs, ChaRM requests, or local transports – thus identifying what needs to be tested.

Test coverage analysis and intelligent test selection:

LiveCompare integrates with Tricentis Tosca, Tricentis qTest, SAP Solution Manager, Excel, and additional test repositories to identify the exact test cases to execute. LiveCompare also identifies missing test cases, meaning that certain changes are not being validated because no test cases exist to validate that change. This will drive your test planning and strategy and prevent untested changes moving into production.

Test audit:

LiveCompare reports the testing status for a release's most at-risk objects, ensuring they have been executed in QA. This will enable the release manager to view the overall release quality before pushing it into production.

Know exactly what's changed

To keep pace with the digital demands of your end users, organizations need to leave the 'stare and compare' approach behind. LiveCompare tells teams precisely what has changed.

Continuous developer impact analysis:

LiveCompare can detect ABAP code changes in your SAP systems and automatically executes ABAP unit tests, code quality checks, and impact analysis against them. Hence, identify code issues early in the dev cycle and allow you to fix those items as soon as detected.

Custom code:

With LiveCompare Custom Code Survey and Management, you can continuously analyze your system and provide information on your custom code. You can see how much custom code you have, which SAP application areas are customized the most, which users are

using that customization, and identify custom code in production that is not being used. As a result, you can optimize and reduce the amount of custom code early in the dev cycle.

Continuous configuration and master data impact analysis:

LiveCompare can ensure all configurations are sync'd between dev, quality, production, and N+1 environments. This eliminates production defects related to system discrepancies. You can spot fix things along the way, which reduces the number of times you need to do system refreshes in your environment.

LiveCompare can automatically discover and compare all master data tables related to the master data area defined. You will see a summary of tables compared, the number of rows compared for each table, and the status. Then you can drill down into any difference to see the table content discrepancies.

Continuous InfoSec impact analysis:

LiveCompare automatically detects and reports security-related changes to your SAP systems. It will identify impacted roles and capabilities before they threaten production systems and interrupt vital processes.

Key Benefits

Eliminate hypercare: LiveCompare reduces more than 95% of the risks of potential process disruptions from SAP changes, thus greatly reducing the need for hypercare. LiveCompare typically reduces hypercare costs by over 50%, while accelerating project delivery timelines. This provides quicker time-to-production to satisfy end-user needs for new functionality and enhancements. LiveCompare also helps organizations release faster with larger transformational projects such as a migration from ECC to S/4.

Minimize the pain of testing for business users: By shrinking test scopes and helping organizations rapidly scale test automation, LiveCompare greatly reduces the current and future testing burden on SAP users.
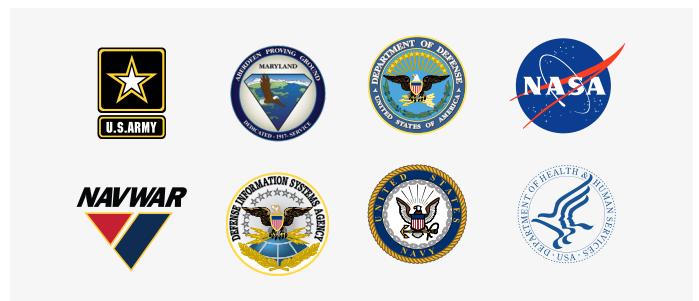
Level-up test automation: LiveCompare helps you rapidly scale and benefit from test automation by identifying risks and areas that need testing most frequently. This allows you to prioritize areas and maximize effectiveness in test automation efforts.

Shift left on quality: LiveCompare provides instant visibility into the quality of the coding work being performed by your developers and governance over partner-led development work.

SAP comparison analytics: LiveCompare can schedule recurring system comparisons to monitor and report on transports, objects, code, tables, configuration, and master data that are out of sync. Comparison analytics helps manage project landscapes (N+1) by removing the need for system refreshes and manual efforts to keep systems in sync.

We're a leader

As a select **SAP Solution Extensions partner**, our products and technology are qualified, sold, and fully supported by SAP – meaning we have the right expertise and solutions to be your guide for any SAP project. With over 3,000 teams using Tricentis, we have helped companies worldwide accelerate digital transformation by increasing software release speed, reducing costs, and improving software quality with our automated, codeless testing portfolio.

Learn more

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