

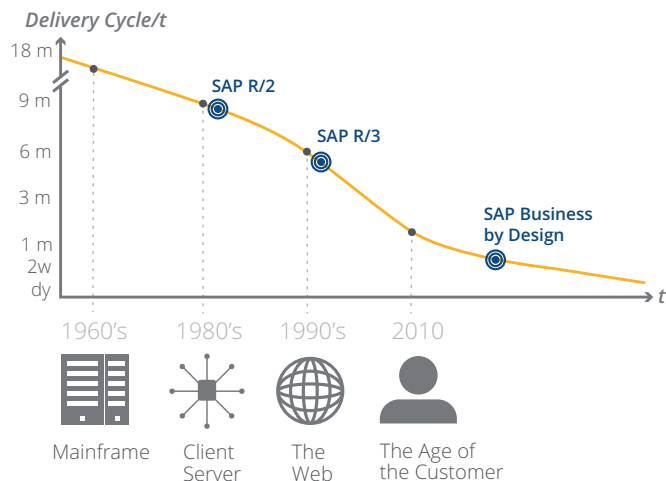
# Tricentis Tosca Impact Analysis for SAP

## The Challenge

### Keeping Pace with Changes to SAP

Many enterprises use SAP to manage their most critical core business processes. Most of these SAP customers are leveraging the extensive customization capabilities offered by the SAP system to make their installations fit their exact business needs. SAP, themselves, have been increasing their speed of development by continuously delivering SAP Upgrades, Service Packs and Enhancement Packages to customers on a more frequent basis.

The growing demand of user-driven features as well as custom implementations within SAP and/or the surrounding landscape has resulted in unsurmountable pressure for key users and testers. For many customers, implementing SAP packages seem like a costly headache and for others, a concern that they will not be able to meet tough time-to-market guidelines, dictated by their business departments.



## The Solution

### Impact Analysis for SAP

Tricentis Tosca assists enterprises in optimizing test portfolios by minimizing the number of test cases needed to achieve the highest possible business risk coverage. On average, Tricentis customers are able to reduce their number of test cases by 50%+ while increasing their business risk coverage to 85%+.

Although our customers use Tricentis Tosca's Risk Based Test Optimization to minimize test cases and reduce their workload, a fully comprehensive and integrative SAP system test may still contain thousands of test cases. Tricentis Tosca Impact Analysis works in conjunction with the SAP Solutions Manager's Business Process Change Analyzer (BPCA) to assist in determining the subset of test cases that will be run according to either customer specifications or when an SAP standard update package (Upgrade, EhP, SPS) has been implemented.

By using SAP BPCA with Tricentis Tosca Impact Analysis, customers are able to easily identify and schedule all test cases that cover the functionality affected by any set of SAP transports.

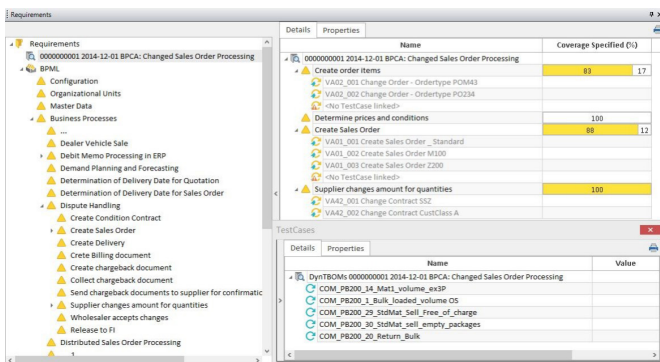
# Key Features

## Automated recording of Dynamic TBOMs

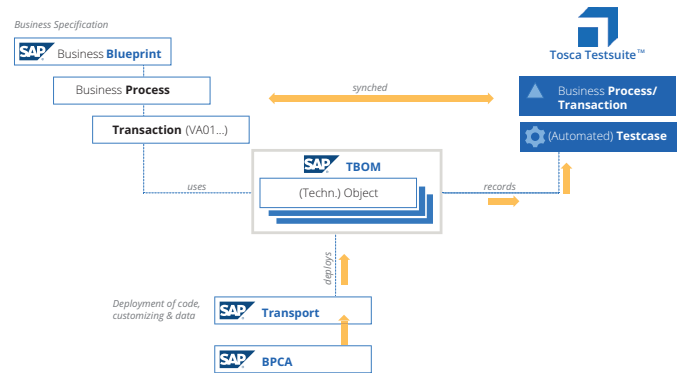
Static TBOMs are shipped with SAP's standard but cannot cover any customer specific amendments. With SAP's concept of dynamic TBOMs this gap is closed, however, it is required to record dynamic TBOMs by walking through the SAP system. Effortlessly generate dynamic TBOMs by running your automated test cases in Tricentis Tosca Impact Analysis's recording mode.

## Identification & scheduling of transaction-related test cases

Tricentis Tosca comes with a powerful, bi-directional integration with SAP Solution Managers' Business Process Master List (BPML). This helps to structure SAP's functional areas down to the transactions level. BPML items held in Tricentis Tosca are embodied as risk-weighted requirements. Tricentis Tosca Impact Analysis can import transport-related BPCA reports and directly identify the affected requirements and test cases that have been assigned to them.



## TBOMs, BPCA and Tricentis Tosca



## Identification & Scheduling of E2E test cases

When dynamic TBOMs are recorded with Tricentis Tosca Impact Analysis, Tricentis Tosca will directly link these TBOMs to its test cases. These may be single transactions or complex end-to-end (E2E) business chains, they may even go beyond SAP and reach out to other surrounding systems. Tricentis Tosca Impact Analysis is able to import transport-related BPCA reports and directly identify all affected E2E test cases that may even go beyond SAP.

## About Tricentis

With the industry's #1 Continuous Testing platform, Tricentis is recognized for reinventing software testing for DevOps. Through risk-based testing, scriptless end-to-end test automation, and the industry's most extensive technology support, Tricentis breaks through the barriers experienced with conventional software testing methods. Our innovative technologies simplify testing for even the most complex enterprise applications—transforming testing from a roadblock to a catalyst for innovation.