

Global Leader in Semiconductor Technology



Teamcenter – SAP Integration

Objective:

- Develop Test automation suite for ECx-Workflows with over 600 complex and lengthy Tc-SAP integration test cases
- Workflows involve creation of item and SAP issuance, ECx Approvals in Tc, and SAP, Closure of ECx

Challenges:

- Frequent changes in environment resulting in elongated times for pushing objects in SAP - from few minutes to more than 30 minutes
- Several refreshes required to get an object SAP issued
- Portability of test scripts across different groups and sites to handle changes
- Run time approver assignment, multiple approvers, multiple logins

Approach:

- Use of QTP based robust automation framework already proven at Siemens PLM and customized for integration with SAP and ClearCase
- Set of robust functions for handling runtime changes, refreshes
- Single script to handle changes for different groups and sites

Results:

- Improved test coverage and reliability
- Easier/faster detection of issues due to changes in application behavior in different groups and sites