Case Study: Toronto Hydro – SAP QA Program (Test Automation Solutions for Test Data Management)

Workorder Creation Automation for MRP Run Performance Stress Testing

TEST OBJECTIVE

- Performance Stress Testing of the new SAP-based MRP Run to confirm ability to support peak load

MANUAL TIME ENTRY

- Minimum of 4 hours to enter 80-100 workorders as required per test run

RESULTS

- Performance Stress Testing of the new SAP-based MRP Run to confirm ability to support peak load

AUTOMATED TIME ENTRY

- 1 hour per test run. Also supports concurrent execution on multiple machines

CHALLENGE & TEST REQUIREMENTS

How to create/getnerate test data (workorder creation) to support performance.

Stress testing in a fast, efficient and accurate manner to support:

- The QA Program's aggressive timelines
- Multiple iterations/cycles of testing

SOLUTION & APPROACH

Utilize the MicroFocus/HP UFT Test Automation Platform to automate this workorder creation process:

- This automated approach would significantly reduce the time required to create/generate the test data
- Eliminates any chance for human error and required rework
- Enable repeated automated runs to support multiple test runs, test cycles and test phases

DEMO