

Testing Web Application – Teligent TELIA (Swedish Telecom Operator)

AREA OF COMPETENCES: Testing and Validation

INDUSTRY: Telco

CHALLENGE



This initiative has arisen by a close collaboration with a telco global player that approaches us for extra-qualified people that will help them testing, improving quality of their web provisioning application for TMS (Teligent Messaging System) and also maintaining a competitive product. TMS was customized for Telia, a Swedish Telecom Operator that wanted to use TMS to be integrated in their network.

SOLUTION

We started by having a clear understanding of Teligent specific applications: Teligent Application Server, TMS and TSP (Teligent System Provisioning) working closely with a Swedish team. We analyzed the Software Architecture Documents, User Manuals and Functional Specifications documents and after having the complete understanding of all the systems involved, we focused on the TSP application (System administration provisioning interfaces).



For the Web Provisioning Application we created new test cases and updated the old ones.

After having the test specifications according to the last version of the TSP created for the Phase 4 of the TMS for Telia, we started testing the web interface, using the Teligent specific testing tools (Test Tracker).

The testing sessions were organized after each release by executing Regression Tests (to verify that the already implemented features are not affected by the new ones) and Functional Tests for verifying the interface options: users handling, access right management, account parameters handling, mailboxes parameters management, statistics and other global system settings. . After the test execution, the encountered bugs were logged using both Teligent bug tracking system (CCDB) and JIRA.

We verified also for each release all the bugs fixed by the developers and we changed the status accordingly in Teligent bug tracking system.

During the testing process we used the following technologies and applications:

- Java 1.6.0 Standard Edition
- IE 6.x or higher
- RedHat 7.3 Operating System
- Putty for telnet sessions with remote server

The client benefits from higher quality of deliverables stable processes and qualified testing methodologies and stable processes, access to resources with experience and know-how, flexibility in collaboration and resource optimal allocation.

ABOUT OUR CLIENT

Teligent is a player in the value added services segment of the telecom industry, by offering to telecom operators comprehensive and flexible solutions. The company is listed on the Stockholm Stock Exchange and has offices in Brazil, France, Germany, Malaysia, the Middle East, Morocco, Philippines, Russia, Scandinavia, Singapore, Spain, UK and USA. The company has its Head Office in Nynäshamn (Stockholm), Sweden.