

## CASE STUDY: Test Management System

### The Challenge:

*To build and deploy, jointly with Symbian Ltd, a fully integrated Test Management System based on HP's MQC (Mercury Quality Centre). The Test Management System will be integrated with the Nokia Carbide IDE and other business systems such as Defect Management System, Perforce Code Repository and Requirements Database.*

### How We Met the Challenge:

- Requirement capture and system design based on end-user feedback
- Agile development and test approach
- UI-design of Test Case editors built with JAVA eclipse plug-ins
- Legacy test repository of Symbian C++ code updated and migrated to the new Test Management System.
- Test Report content captured per migration team. Bespoke reports created and tested as part of the migration.
- UI-design and tool functionality tested using HP's automated QTP tool
- Initially provided five developers to the project, growing to 15 resources, including Project Manager, Developers and Testers.

### Competencies deployed to this task:

- Project Management
- Requirement Management
- Mercury Quality Centre (MQC)
- JAVA
- Carbide
- Perforce
- Symbian C++
- QTP for automated UI testing
- Nearshore outsourcing



### Cell Telecom mobile system competence areas:

**Symbian OS, S60, iPhone, Windows mobile, J2ME, Android, Carbide IDE, MS Visual Studio, Device Drivers, Multimedia, Graphics, Bluetooth, Messaging, Telephony, Location Based Services, HP Mercury Quality Centre (MQC), QTP, TestQuest, Perforce, ClearCase.**