

CASE STUDY: Remote Testing

The Challenge:

Cell Telecom has been approached on numerous occasions by a leading Network Infrastructure provider to provide expertise and resources in the Testing of its Softswitch. Cell Telecom have provided Project management, Test management and test teams, ranging from 3 to 12 test resources, working remotely from our Brighton Office.

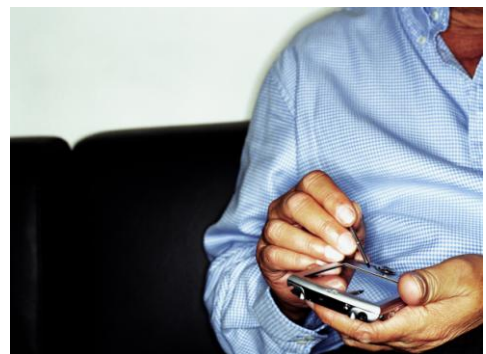
How We Met the Challenge:

Below are details of some of the key project which we have run or been involved in, giving a glimpse of the range of knowledge and expertise we can bring to test projects:

- Setting up of a remote test environment from our offices in Brighton and Stockholm to access a grid of servers located at the client's offices in Brazil. Driving changes to the remote grid to improve the way the servers and required tools were accessed.
- Planned and executed a test project for the client's Softswitch project in France. The size of the test project was 4000 mh.
- Planned and executed a large test project for the client's Softswitch project in Croatia. This included working alongside a local Ericsson company, to support their testing effort and environment by delivering TTCN courses and providing technical support and configuration management.
- Produced Test Specifications from both Functional and Requirement specifications. Reviewing the documentation and progressing the documentation status according to the client's processes.
- Developed fully automated test scripts for TTCN. Including the creation of a protocol test suite according to specification.
- Building test builds from a reference build, maintaining the build in terms of data, software level and status. Making built test beds available to other sites and incorporating any requested changes to the build or data.
- Executing TTCN tests. Reporting test progress and raising and tracking defects according to Ericsson processes.

Competencies deployed to this task:

- Project management
- Team leading
- Configuration management
- Corporate course delivery
- TTCN
- Test case design
- Test execution
- Defect investigation and resolution
- Corporate course delivery



Telecom Network Development competence areas:

Softswitch, VoIP networks, MSC, BSC, HLR, 3G/GSM, LBS, ISDN, IN, Centrex, 3GPP, ISUP, SIP, SS7, MAP, H.248, HP Mercury Quality Centre (MQC), TTCN, Eclipse, Perforce, ClearCase.

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