

CASE STUDY: Subscriber Data migration – Digital Local Exchanges to 21 CN i-Node

The Challenge:

A leading Network Infrastructure provider approached Cell Telecom for assistance in migrating large amounts of subscriber data from a number of operational local telephone exchanges to state-of-the-art Softswitch i-Nodes. The migration process was required to be able to handle ongoing subscriber data changes (churn) and have no impact on the operational performance of the live switches in a major UK operators Network upgrade.

How We Met the Challenge:

- Capturing of requirements from the client and their end customer
- Create XML schema for Subscriber data
- Develop Java application to create XML from Subscriber data
- Transform XML to MML using XSL/XSLT
- Develop Java wrapper application for testing of XSL/XSLT
- Participate in demos to the client's end customer
- Automate the various stages using Robotask

Competencies deployed to this task:

- Project Management
- Requirement Management/Capture
- JAVA
- NetBeans
- XML
- XSL/XSLT/XPath/XQuery
- Access
- Robotask



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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