

CASE STUDY: End-to-End Mobility Solution

The Challenge:

To create a community based mobile application that provides real-time sharing of mobile multimedia content, photos and videos, to a web-based browser application.

The solution enables real-time communication between the mobile handset and the web application by Text messaging (SMS). The mobile application has Global Positioning System (GPS) integration, so that the server side can display the location of the photos on an internet map.

The mobile solution was developed with and successfully used by the West Sussex Local Education Authority (LEA).

How We Met the Challenge:

- Project established to define and describe the mobile to server solution
- Project delivered and tested, initially on a Nokia S60 platform
- End-to-End Solution tested and deployed by West Sussex Local Education Authority
- Web-Server and SMS Gateway hosted at Cell Telecom
- Mobile Application ported to iPhone, Windows Mobile and JAVA
- Mobile application ported to Symbian Secure platform v9.x
- Mobile application Symbian Signed

Competencies deployed to this task:

- Project Management
- Requirement Capture
- Nokia S60
- Symbian C++
- Messaging & Bluetooth
- Location Based Services
- Web-Server
- Hosting



Mobile Development 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.