

## CASE STUDY: UK Sport and the British Swimming Team

### The Challenge:

*The customer for this project was the British Swimming Team, working in conjunction with UK Sport. The high level aim was to improve a Swimmer's performance and results in Olympic events, through the provision of analysis and statistical tools, for Sport Scientists and Coaches. These tools would link together past and current performances, training regimes, diets and video analysis.*

### How We Met the Challenge:

Cell Telecom performed the requirements capture through interviews with Swimming Sports Scientists, Coaches and UK Sport's Head of Research and Innovation. In response Cell telecom created:

- An online repository of Raw Race Data (extracted from Video), Training Logging Data and Race Event Data.
- Analysis Tools provided to produce reports, graphs and statistical data
- restricted access to site and tools according to role of user
- A secure online system delivered in three stages
- A proof of concept project: to build online video library of swimmers accessible by coaches and scientists to analyze technique.

### Competencies deployed to this task:

- Project Management
- Requirement Management
- GUI Design
- SQL Server
- ASP
- VBScript



## Web Development competence areas:

ASP.net, ASP, IIS, SQL Server, Access, php, MySQL, Linux, Apache, SSL, C#, Visual Basic, VBScript, Javascript, Jscript, AJAX, Java, MS Visual Studio, Dreamweaver, HTML, XHTML, XML/XSL, CSS, PERL, HP Mercury Quality Centre (MQC), QTP, Perforce, Messaging (SMS, MMS), Mapping and Location Based Services (Google, OS).

Cell Telecom Ltd, Lees House, 21 Dyke Road, Brighton, East Sussex, BN1 3FE, UK  
Tel +44 (0)1273 - 772 306, Fax +44 (0)1273 - 728 057

[www.cell-telecom.com](http://www.cell-telecom.com)