

## Case Study: Windows Live Services Quick Applications

AWS was invited by Microsoft to help develop two sample applications which demonstrate how developers can make use of the Windows Live Services in their own applications.

The Contoso Bicycle Club shows how Silverlight Streaming technology can be combined with Virtual Earth to provide a virtual cycle tour of London. A video camera mounted on a racing bike shows dramatic footage of a London bike ride. As the video plays, the birds-eye map is updated showing a synchronised view of the cyclist's location.

The screenshot displays the Contoso Bicycle Club website interface. At the top, there is a navigation menu with links for Home, Rides, Events, Forum, and Bikes & Kit. The main content area is titled "London River Thames" and features a "RIDE REPORT" section with buttons for "Bike CAM", "View Route", "Photos from Ride", "Map", "Ride Report", and "Directions". A video player shows a first-person view from a bicycle camera. Below the video is a Microsoft Virtual Earth map showing a 3D view of the London River Thames area with a blue line indicating the ride route. The map includes a "Change the direction of the view" button and a "100m" scale bar. The footer of the page contains the text: "This is a demonstration site. The source code can be downloaded from the Windows Live Platform Quick Apps CodePlex Project."

“Working with Conchango, we recorded video footage of a London bike ride, along with a GPS Tracklog” said Rob Blackwell. “We then striped the video with the GPS information allowing us to keep the video frames and the map in sync”.

AWS pushed the boundaries of what was possible with the technology to provide a highly innovative application. Microsoft released the source code under the Microsoft Permissive License (MSPL) as an example of best practice when building applications of this type.

This site was demonstrated at a number of major conferences including the Microsoft Worldwide Partner Conference, The International Broadcast Conference and Microsoft MIX UK. For more information on the Contoso Bicycle Club and an online demonstration, see:

<http://dev.live.com/QuickApps>