

# EVS Relies on CTG for a Combination of .Net and Mobile/Web Development

## The Client

EVS is a globally recognized leader in live video technology for broadcast and new media productions. Their passion and purpose is to help clients create immersive, engaging stories. Through a wide range of products and solutions, EVS delivers the most gripping live sports images, trending entertainment shows, and breaking news content to millions of viewers every day—in real time.

## The Challenge

The Information System department of EVS wanted to design a new activity tracking system to be used worldwide by their staff to report time spent on projects, as well as by managers for reporting and follow-up of team members' activities. This new activity tracking system needed to perform at a high level and be built with responsive web design techniques in order to provide an optimal viewing and interaction experience across a wide range of devices, from desktop to mobile phone web browsers.

These improvements, and a tight integration with internal identity and back-end systems, had to ensure an improved operational efficiency—flexibility in usage and more accurate and real-time reporting capabilities—due to a new software architecture built on existing systems and constraints.

## The CTG Solution

CTG partnered with EVS during the functional phase by making some improvement suggestions related to the process itself. During the technical design, appropriate patterns were suggested in order to mature the architecture in place, as well as rationalize the IT investments by building upon existing systems and better integrating them.

Finally, the development and testing of the solution was accomplished in order to realize the benefits of the project. The technologies used included Active Directory Federation Services, SQL Server 2012, Web API Back-end (NET 4.5, ASP.NET MVC, C#, Entity Framework, and LINQ), and Mobile Web Front-End (HTML 5, JavaScript, AngularJS, CSS 3.0, and Bootstrap).

## Results

As a result of this project, EVS has been able to improve its methods for various activities of the development process, including requirements, design, and deployment. The reference architecture has been evolving to a more mature level, making use of recognized application design and solid integration patterns. Integration of existing back-end and identity systems resulted in optimization of IT investments. The completed application ensures operational effectiveness, allows employees to report on time spent on projects at any time, from anywhere, and enables managers to report and follow up on team member's activities in the same way.

### IN THEIR WORDS...

*"Beyond the successful project and the resulting efficient web application, the partnership with CTG brought us strong added value both technically and in terms of architecture."*

*— Philippe Gilbert, IS Manager, EVS"*



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