



**Project Title:** Application enabling MultiScreen functionalities

**Gained experience:** MediaLab Barcelona created an innovative multi screen application proving the possibilities that HBBTV can offer on the portable devices.

**Category:** IT projects development / Technology Consulting

**Product description:** Our application is a cloud based platform simulating a Poker game that enables a real interaction between TV's and portables devices such as smart phones and tablets. The TV screen is the poker table with the public information such as player faces, bets, on the table cards, etc., and the portable devices contain each player's personal information such as their cards, their cash, their user configuration, etc. Unlike the regular online poker game, this application improves the user experience providing much more realism and socialization.

**MediaLab Barcelona's development role: IT project development:** End to end software development. We managed to add to the basic product concept several benefits: Multi Screen, distribution of the information based on the user's needs; Cloud Based, the player can concentrate only on the game and does not have to care about the server; Multi Platform, the game allows the participation of different devices having different programming languages; Multi User, the application allows the intercommunication of several players at the same time; Socialization, it gives feedback in the social networks.

**Major technical challenges:** The main challenge was to create a messaging system cloud based enabling to connect the several devices: TV's, Smartphone's and Tablets.

**Technologies:** Linux, Apache, My SQL, PHP, Phone Gap.

**Platforms:** Androids Smartphone, Apple Smartphone, TV's compatible with HBBTV but replicable to any programming language.