

## Customizing PC Support Application - PC Config Tool

**AREA OF COMPETENCES:** Embedded Systems and Microelectronics

**INDUSTRY:** Electronic Consumer Goods

### CHALLENGE

#### BANG & OLUFSEN

Our client, a high-ends electronic consumer goods producer, required our help for developing a support application that will allow customization and configuration of their remote control Beo5 using a PC environment.

Beo5 is a fully flexible and personalized remote control that can handle the operation of any product combination, providing an individual solution for the user. It can be adapted to the system set-up and to any users' specific requirements. The project aims to develop a PC application that will create a B&O environment configuration and then load this configuration into a B&O remote control.

### SOLUTION

By trusting IP Devel with pre implementation of the BEO 5 remote and its application, Bang & Olufsen employed a well-insight-of strategy. Our suggested solution is an embedded application based on .Net



Framework, XML technologies, pre-compilation techniques and web-based update.

The application achieves the following objectives: allows modification of XML files used by application; create a main interface and XML engine; develop of a wizard, develop compiler for XML files and integrate other Bang & Olufsen applications.

Our software solution is a Windows application based on C# language and .Net Framework and can be updated via Internet.

The client obtained a very flexible application based on the newest Windows applications techniques. PC Config Tool support application is considered as a main application being the start for future versions that will be able to manage other B&O applications as well.

### ABOUT OUR CLIENT

Bang & Olufsen is a Danish company that designs and manufactures high end audio products, television sets, and telephones that are intended to reflect cutting edge industrial design in appearance, function and operation. Founded in 1926, Bang & Olufsen enjoys currently a global presence and has a turnover of 586 millions euro employing more than 2500 people. For more information about the company please visit [www.bang-olufsen.com](http://www.bang-olufsen.com)