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# SHOWCASE

## Flame Towers - Baku, Azerbaijan



Baku Flame Towers is a striking new addition to the skyline of Baku. Located atop a hill on the Caspian Sea overlooking Baku Bay and the old city center, the three towers were inspired by Azerbaijan's ancient history of fire worshipping, and will illuminate the city and act as an eternal flame for modern Baku. The goal of the project was to create a low-resolution media façade to display video content, while integrating inconspicuous lighting fixtures into existing architecture. To meet the project requirements, Traxon created a special fixture, to be installed behind the buildings' windows and give the illusion of ribbons of light. The main challenge of this project was the varying window dimensions, and that the maximum gap between fixture and window frame needed to be less than 50mm. With a flexible mounting solution and intelligent calculation, the project team reduced the overall amount of needed fixtures to only 16 different modular lengths. The entire three-tower installation is controlled by an e:cue Lighting Control Engine fx (LCE-fx) running Emotion, and Video Micro Converters (VMCs). Typically displaying burning flames, the intelligent control system allows for simple lighting show changes to reflect additional animations and graphics for special events, such as the recent 2012 Eurovision Song Contest.

### FEATURED PRODUCTS



Façade Panel

### METHOD OF CONTROL



VMC



LCE-fx

### PROJECT DETAILS

Category: Architectural  
Location: Baku, Azerbaijan  
Client: DIA Holding  
Lighting Design: Francis Krahe & Associates Inc  
(Francis Krahe, Le Nguyen)  
Architect: HOK International  
Partner Company: Vetaq Electric & Lighting  
Completion Date: May 2012

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