

# ROGERS ARENA

CATHEDRAL BANNERS - DESIGN & INSTALLATION BY: EPIC PRODUCTION TECHNOLOGIES



## CONCEPT

The objective of the Vancouver Canucks' Creative Directors was to create an exciting atmosphere with projection and lighting in the Rogers Arena. Having a specific vision for the pre-game presentation, they called upon Epic Production Technologies to realize this dynamic and thrilling environment. Their concept was to create four 11m high by 4m wide hanging dynamic "Cathedral" banners, one on each corner of the arena.

## CHALLENGE

One major challenge was to ensure the banners would be able to capture enough light for an outstanding projection effect, yet simultaneously sufficiently transparent to provide the audience with a view of the ice as players entered the arena. In addition, the unconventional shape and size of the banners compounded with the requirement of illuminating them with pinpoint accuracy from projectors mounted off-axis at a distance of 30 meters, presented a major challenge in signal processing and control..

## SOLUTION

Epic's solution was to use two stacked 4:3 projectors for each half of a hanging banner, each with an IA-200 Geometry Correcting and Edge Blending Scaler. The top and bottom halves of the banners are seamlessly edge blended to provide a vertically oriented dynamic banner with transparency. IA-200's distortion-free Scaling and Geometric Correction enable the precise alignment and blending of all 4 images with networked precision control. All Image processing done in the IA-200 enabled the economic selection of projectors with the highest light output. The hanging banners have been delighting audiences since they were first launched at the 2010 Season Opener.



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