

Project profile

“Breakthrough” Exhibition at the Noginsk Museum



The Noginsk Museum and Exhibition Center in the Moscow region opens its doors with a new permanent multimedia exhibition entitled “Breakthrough”. It commemorates the 100th anniversary of World War I and honors the 209th Bogorodsky infantry regiment of the Russian Army. A3V, LLC provided AV design, engineering, integration and installation services for the project, which aims to bring military history closer to museum-goers and make them feel part of “The Forgotten War”.

The museum’s ground-floor entrance hall features a 15-minute 360°

projection mapped presentation with surround audio to tell the story of the city of Noginsk (formerly Bogorodsk) and the social aspects of warfare and history. Six edge-blended ceiling-mounted Panasonic PT-RZ470E projectors integrated with Dataton Watchout multi-image display and presentation software running on three PCs perform the projection mapping.



The upstairs of the museum features a series of displays where rare military photos, weapons, maps, posters and other memorabilia tell the story of the Bogorodsky Regiment's role in World War I. Ten Samsung 46-inch LED-monitors sourced from Brightsign HD220 players are mounted above the displays and playback archival footage and informational content. All players are on a network to permit control and to promote simple synchronization between them.



Another area upstairs features a five-minute movie displayed by Casio XJ-A146 slim projector on a 46-inch screen, recapping the regiment's history. BrightSign HD220 player responsible for feeding the content to the screen.

Alcorn McBride's state-of-the-art VCore controller is used for overall control of the AV system. This lightweight, compact, having a robust design, controller is perfectly suited. Each morning, the entire AV system is started by a single button press; similarly, at the end of the day, a single button press closes down all the AV-based exhibits. During museum hours docents can manually control all of the exhibits, schedule presentations and synchronize media by using an Apple iPad

and Alcorn McBride's ShowTouch for iOS.



In addition, Alcorn McBride's 8TraXX multichannel audio player is used for background music and exhibit-specific sound effects throughout the museum. The 8TraXX stores clips in the MP3 format on CompactFlash media for a rugged, reliable and maintenance-free audio solution.

About A3V:

A3V, LLC is the leading Russian company in the field of professional audio-visual systems integration primarily for the museum, leisure and visitor attraction sectors. It provides a comprehensive scope of services, including design, project management, engineering, installation and support of AV systems and products. For more information, visit www.a3v.ru.