

McCann Systems

AUDIO VISUAL SYSTEMS DESIGN AND INTEGRATION



NTV Network | Istanbul, Turkey

NTV, Turkey's first news channel, began broadcasting in 1996. They recently launched their new broadcast set, which was designed by Clickspring Design and integrated by McCann Systems.

The alluring architecture of this space is enhanced with captivating audiovisual elements, giving the space a chic, elegant style. The mammoth video wall made up of eight 103" displays in portrait mode are configured in a two high four wide array. The custom bezel was created to give an illusion of looking through windows of a skyscraper.

Three Christie 20k lumen projectors were utilized to create an edge blended video wall measuring 243 cm high by 735 cm wide, projecting onto a Stewart semi rigid rear projection screen. AVista Spyder X20 generates the pixel space allowing multiple custom windows to run simultaneously across the projection surface.

A full motion RGB video LED system was designed for the anchor desk. This Trans-Lux LED ticker is capable of displaying full motion video as well as RSS data feeds. The custom LED design allows the anchor desk to scroll full motion video as well as text at the same time. In order to accomplish this there is a custom designed pixel map along with custom hardware and firmware. The LED is angled to follow the architecture of the desk with

110 degree turns. Two custom LED panels were fabricated with 110-degree angles and are located at the top and bottom corners of the desk. These are unique panels, which were created specifically for this desk. This custom created software and hardware is timed to recognize which pixels are ending, creating a custom flow of data and images across this expansive desk. The space that we had to work with was 90 millimeters in depth which had to encapsulate the LED panel, the video scan cards, the power supplies and a fan cooling system. This required a custom frame to be designed, fabricated and installed within the structure of the desk. In order to ensure precise alignment without using screws heavy-duty magnets were used.

A story table, designed by Clickspring utilizes 5 ultra thin bezel LCD monitors, three of which were stacked vertically in landscape mode with two monitors perpendicularly aligned, giving you a 90 degree angle from the stacked displays. While this layout was not challenging the request to have it move across the studio floor was. A custom trolley was created to have this story table move to different points on the set. The trolley is suspended from the ceiling with a guide wheel on the floor to allow it to move to the desired position.



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