

Case Study: Education

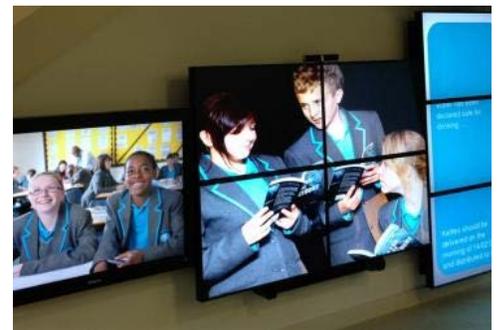


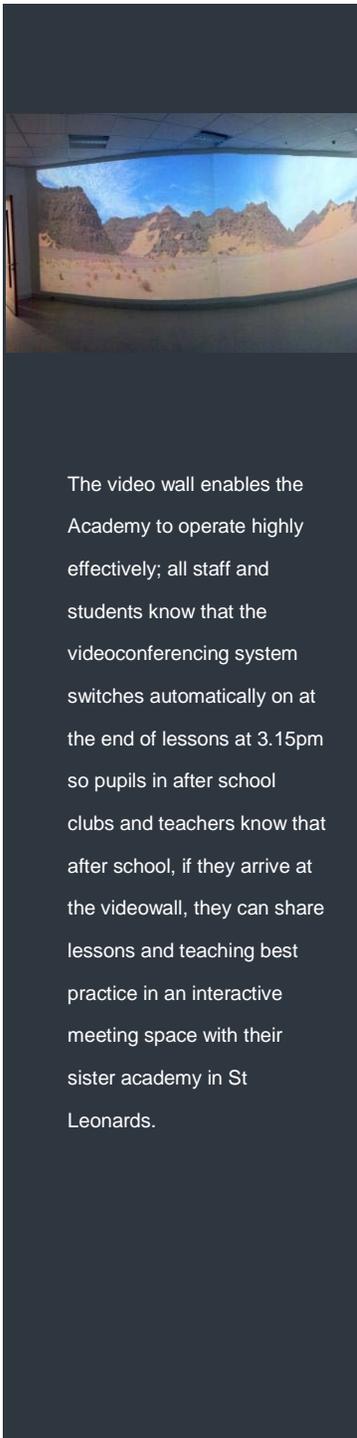
Hastings Academy uses ONELAN for Immersive Solution

Objective

Hastings Academy has installed ONELAN digital signage for several specific applications. Part of the installation at Hastings Academy is a new 270° projection immersive space 5m x 5m in addition to outside large projection spaces installed at Hastings Creative Learning Center.

The system is driven by a ONELAN Net-Top-Box (NTB) 6000 media player and the images sliced and shared by Datapath multi-screen controllers. Projectors then "hard edge blend techniques" match the images together to create the 270° display and the large projection.





The video wall enables the Academy to operate highly effectively; all staff and students know that the videoconferencing system switches automatically on at the end of lessons at 3.15pm so pupils in after school clubs and teachers know that after school, if they arrive at the videowall, they can share lessons and teaching best practice in an interactive meeting space with their sister academy in St Leonards.

Why ONELAN

- ONELAN was selected as the NTB media players are highly stable and very easy to use by nontechnical staff.

The Academy also has a video wall driven by a ONELAN NTB 6000 media player, and a further ONELAN NTB 6000 media player that drives twelve screens around the Academy campus displaying school news and information, and also a further 12 at their sister campus in St Leonards on sea, driven by the same publisher across campus.

The video wall installation is a specialist solution tailored for Hastings Academy. The Academy had a vision for a space that they call "the sandpit". CDEC, the integrator, was given the following constraints to work with:

- The school specifically chose screens with thicker bezel
 - Screens to be positioned under the stairs
 - The videowall should be of a "creative" shape
 - The videowall should offer a number of different configurations including the ability to create a "window" into the sister academy in St Leonards
 - The videowall should have one portion that is interactive.
 - The solution should be simple to use, and change between presets.
- The University has the ONELAN Content Management System (CMS) and a ONELAN 4K player driving a 3 x 2 video wall in the main reception at Greenwich. Different zones display bus and train travel information, students' work and event-specific information. An RSS feed at the bottom shows BBC news.
- The video wall at Hastings Academy enables a number of inputs to be displayed for both students and teachers. A timed videoconferencing system switches automatically on at the end of lessons at 3.15 so pupils in after school clubs and teachers know that after school, if they arrive at the video wall, they can share lessons and teaching best practice in an interactive meeting space. The full use of this system is still being developed.
- The solution installed by CDEC is a highly useable immersive style system. CDEC created a number of templates; the simplicity of the system allows different immersive backdrops to be updated and created. The web team at the school can then add to the templates creating different immersive environments. The teacher arrives with an iPad and selects different options via a drop down box and the room is transformed into a desert, then with another change the students are transported to the moon or Mars.

For Further Details

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