PROJECT-BASED LEARNING

NUREVA™ SPAN™ VISUAL COLLABORATION SYSTEM

Leveraging collaboration in geographically dispersed teams

Imagine this, engineering students at an American university working on a project with architectural students at two universities in Europe and a construction management student in Canada. They are creating and reviewing several design options for a new library in Sweden. Their project requires the collective expertise of the team to effectively analyze and critique their designs and, over the course of a term, complete the entire building design and construction sequence. They routinely collaborate live using web conferencing and share documents through email and cloud-based storage.

Solution

The engineering school deploys a dual Span system and provides all team members with a subscription to Span software. The team begins to collaborate using a large interactive wall to visually explore design options and to engage and co-create with their remote team members while continuing to use web conferencing for the audio and video connections.

Better result, faster

The students use the Span system to capture various design alternatives and the evolution of their ideas from their discussions, leading to consensus and a final design. Because everyone's contributions are captured and considered, there's a higher level of engagement by all students, regardless of their location.

The natural, collaborative environment also results in a significant compression of the time required to get to the final design, allowing the team to meet the tight project deadlines.

Student evaluation

Capturing the results digitally, including the various options discussed, their sequence and final conclusions, combined with the recording of the audio discussions from the web conferencing application, allows the professor to evaluate each student's contributions and true depth of understanding.

Broader implications

The results show the potential to enhance results and compress cycle time not only in an academic learning environment, but in any environment where diverse teams are geographically distributed.

System benefits

Panoramic workspace – the system's ultrawide workspace makes up to 40' (12.19 m) of information visible

Persistence – with more content visible at one time, students can easily build on ideas and consider options

Integration with personal devices – everyone can easily contribute sticky notes, sketches and images from their own devices

Cloud storage – project content is accessible anytime, anywhere securely from the cloud

Project acceleration – no longer do students need to be present in person to fully co-create and collaborate

Easy to adopt – it's easy to move a tried-and-true ideation process to the digital realm

nureva™