

The following sites have the prototype Enhanced Technology Classrooms

High School	Location	County
West Bladen HS	Bladenboro NC	Bladen
Pine Forest HS	Fayetteville NC	Cumberland
EE Smith HS	Fayetteville NC	Cumberland
Overhills HS	Spring Lake NC	Harnett
Hoke HS	Raeford NC	Hoke
Southern Lee HS	Sanford NC	Lee
East Montgomery HS	Biscoe NC	Montgomery
Union Pines HS	Cameron NC	Moore
Richmond Sr HS	Rockingham NC	Richmond
Lumberton Sr HS	Lumberton NC	Robeson
Lakewood HS	Salemburg NC	Sampson
Scotland HS of Health Sciences	Laurinburg NC	Scotland

Each of the High Schools is equipped with the following:

Fixed i3D system – consisting of dual fixed projectors and retractable i3D screen powered by a dedicated computer, wireless keyboard and gyroscopic mouse.

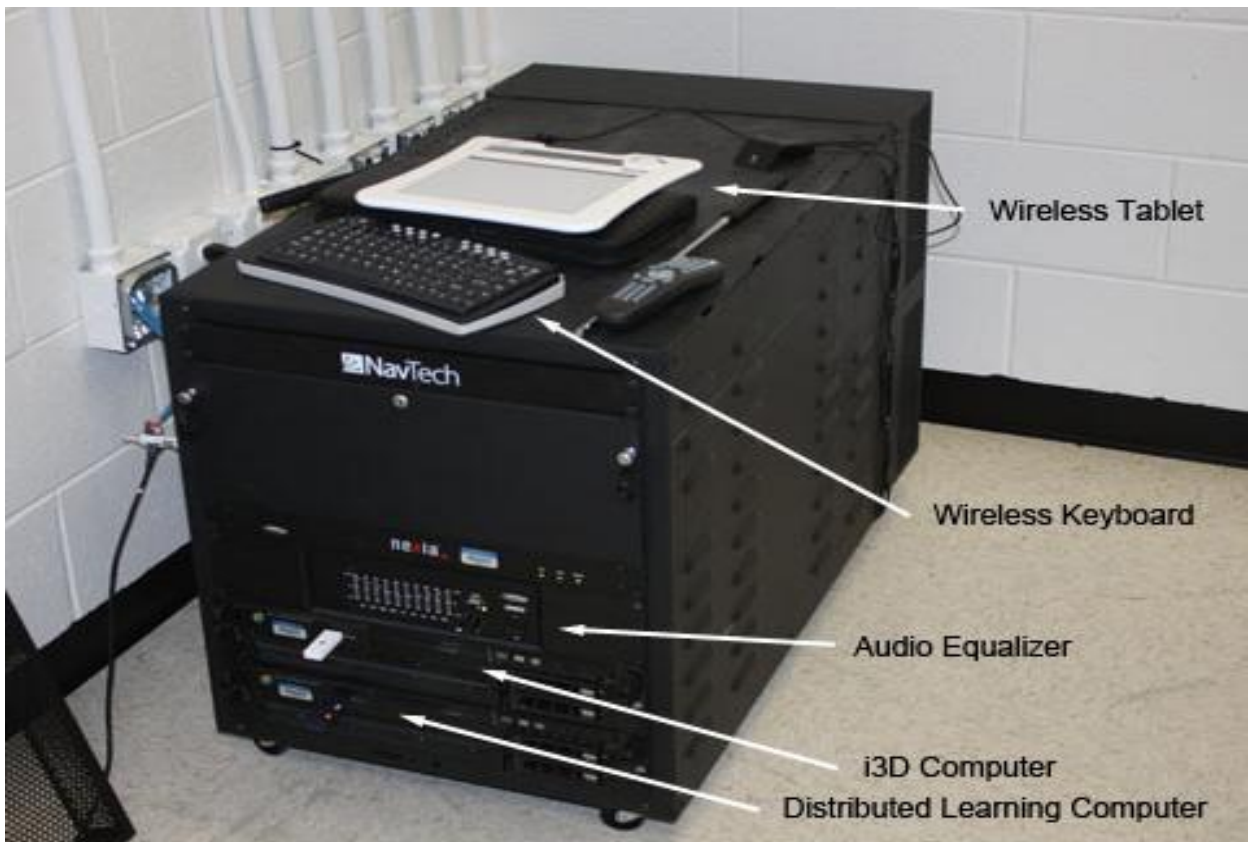
Distributed Learning system – consisting of a Sony High Definition Camera, fixed stationary video display board and fixed projector powered by a dedicated computer and an integrated wireless airtablet.

Integrated stereo audio system - providing a rich stereo audio environment in each classroom via multiple ceiling mounted speakers controlled by a rack mounted equalizer.

Video conferencing software - installed on the distributed learning system computer will allow connection to a central video bridge that has been purchased for use by the regional partners in the distributed learning network. There are no costs associated with the use of this bridge as exists with other video conferencing options currently available for use.

Both of the installed systems are standard windows based computers and can accommodate additional software that is traditionally used in the classroom environment. The audio system is currently connected to both systems and can be adjusted via the rack mounted equalizer.

The i3D dual projector system is setup by default to display 3d objects but by turning off one of the projectors, a traditional projected computer environment is operational.





Basic white board capability is built into the distributed learning system but the technology hasn't met our standards for what we believe should be considered enhanced technology and we will be evaluating next generation white board solutions in the coming months in order to find a true enhanced whiteboard solution for the enhanced technology classrooms.

We have also identified a need for a master remote control that will consolidate the functions of the multiple remotes currently provided as part of the installation and will be evaluating the options available in the coming months that can provide that simplicity for the equipment management.

Also as part of the grant, each of the partner Community Colleges will receive a Sony HD camera and a green screen backdrop to enable video collaboration with its respective partner high school along with an appropriate video software license. A host computer will need to be provided by the college to control the camera and run the video conference software.

The installation of these cameras is slated to take place immediately after the pilot schools are installed and operational and each community college will be contacted for installation coordination.

If your LEA is interested in expanding video collaboration within your system, you may be able to leverage our existing video bridge, get more value for your dollars, and avoid duplication of services. We have purchased the bridge specifically for the use of our regional educational partners and would encourage you to maximize its capabilities and perhaps save money that can be used to facilitate more connections than if you were to have the capital outlay for full server resources. Please contact Erik Wells to explore options.

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