

## NSU Florida teaching with technology from Heusenstamm

### New Skills labs established at Nova Southeastern University



July 2022 - EBS Heusenstamm, Germany

With over 22,000 students and more than 200,000 graduates, NSU is listed in the Forbes ranking "America's Top Colleges". In July 2022, the NSU College of Dental Medicine put two new training laboratories into operation. 38 state-of-the-art simulation units from Dentsply Sirona are "digitally" networked with the alphadidact® digital multimedia system from EBS.

A "Surgical Room" is connected to the skills lab for the presentation of live treatments.

The functions of the alphadidact® digital multimedia system are controlled via a user interface on the 10" touchscreen that is adapted to the room setup.

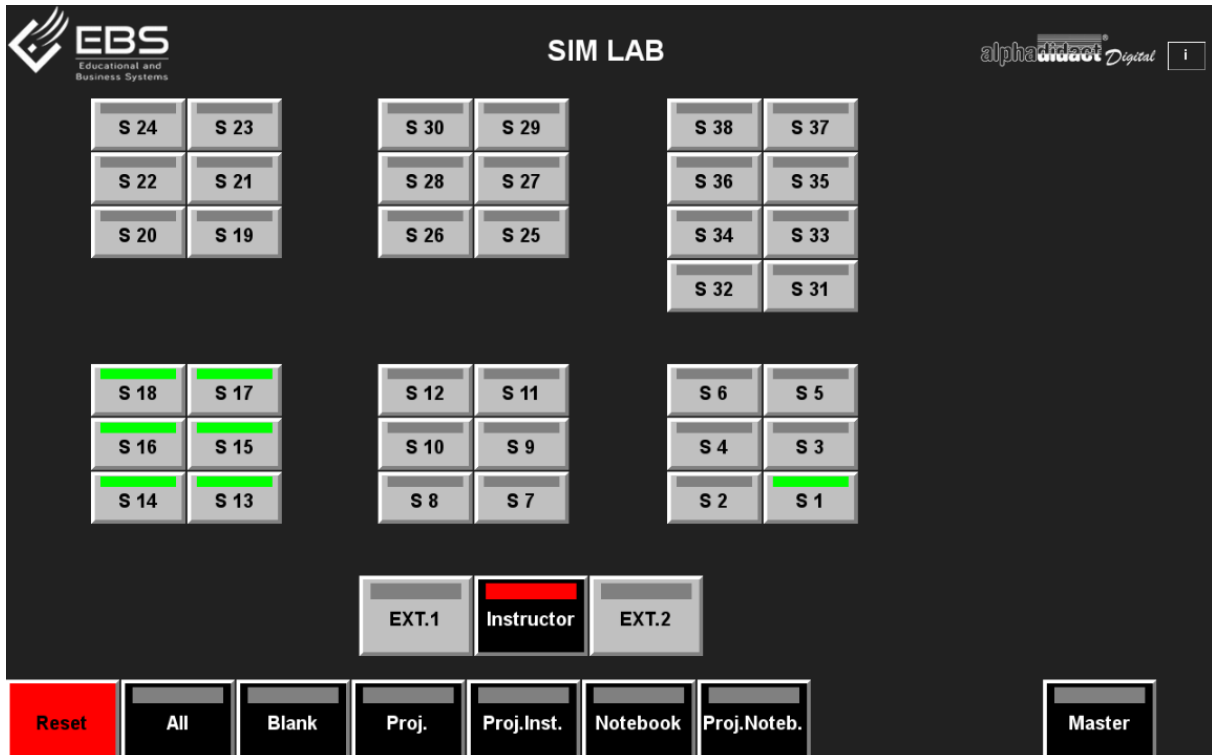
Easiest operation and the independence of the system from the hardware and software used were some of the most important requirements for the digital training system.

With just a push of a button, the lecturer can send signals from a digital camera, a microscope or a tablet to the students - to individual, groups or all screens at once.



Instructor sends his signal to all 38 students

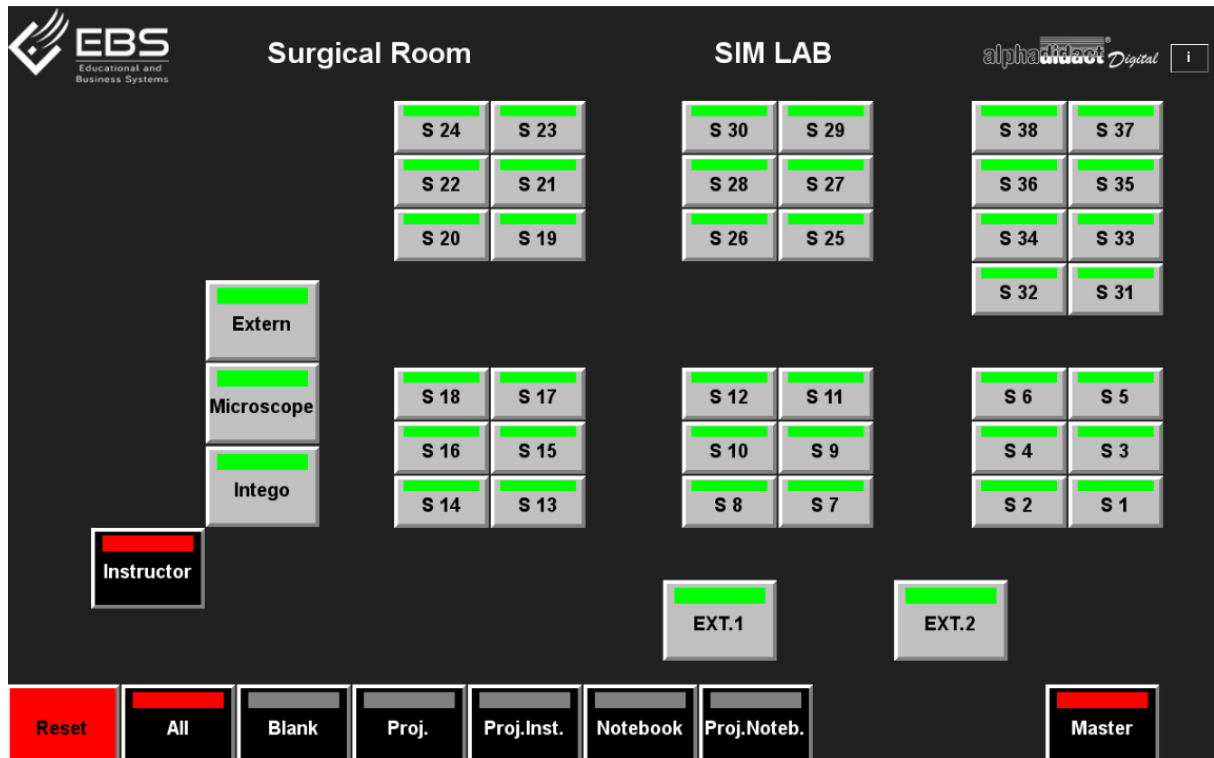
If a student's work is to be made accessible to everyone, it is sufficient to press the corresponding participant number (e.g.: S1).



Signal from S1 is transmitted to the instructor and places S13-S18

The signal from the camera in seat 1 is then transmitted to all participant screens. Student 1 can present his work "live" while the lecturer comments on it at the same time.

If a live treatment takes place in the surgical room, this can also be transmitted to the screens of all students. This visualization is activated either on the touchscreen in the Sim Lab or directly from the surgical room.



The live treatment signal is transmitted from the Surgical Room to all 38 screens in the Sim Lab

By connecting the skills lab to the surgical room via a 70m long fiber optic cable, students can be trained in a practical and professional manner.

Interactive and lively training courses are only possible through the involvement of the individual participants. Each workstation can be switched as a signal source and thus be made into a "presenter".



Even in the back rows of the skills lab, the participants can follow the training content in optimal quality and follow to it in detail.

Alphadidact digital multimedia systems are developed by EBS in Germany and are already in use in numerous training rooms and laboratories worldwide.

Further information can be found at [www.ebs-euchner.com](http://www.ebs-euchner.com) or [www.ebs-euchner.com](http://www.ebs-euchner.com) and on YouTube [www.youtube.com/user/EuchnerBS](http://www.youtube.com/user/EuchnerBS).