

Qatar University working with technology from EBS Germany

The most modern dental simulation laboratory in Qatar goes into operation



September 2021 - EBS Germany

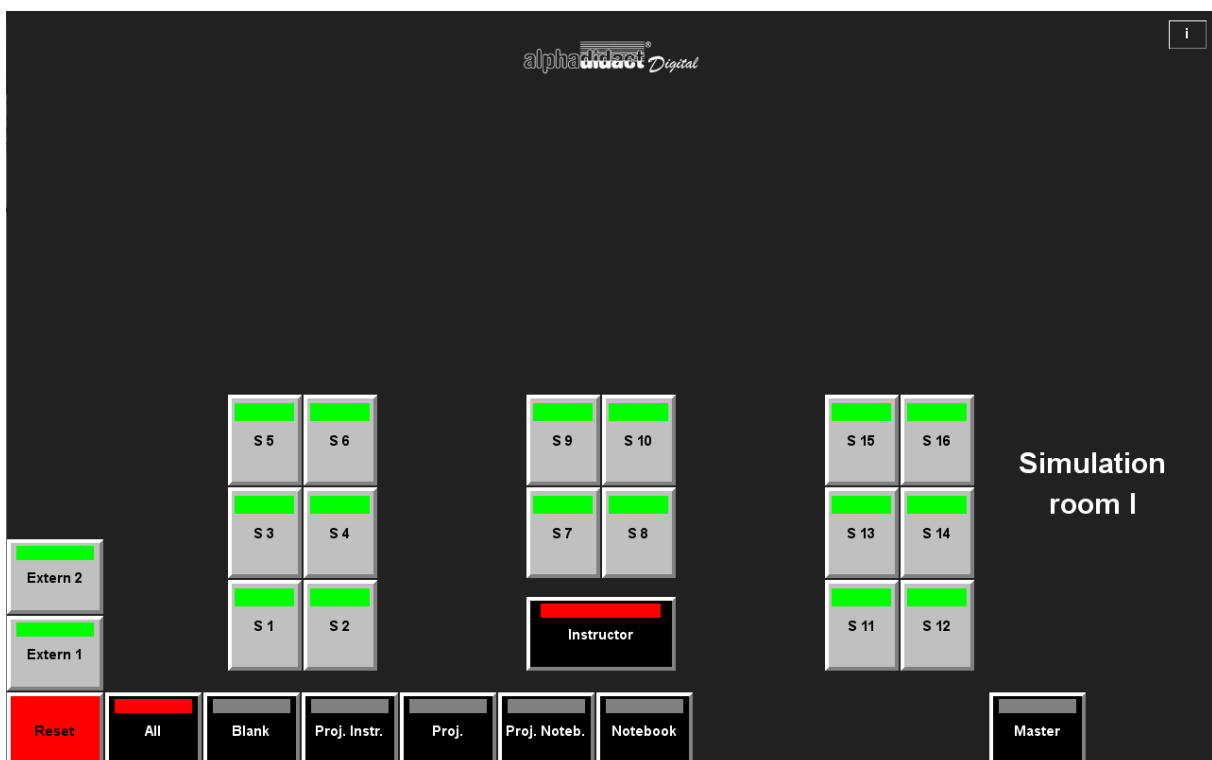
In September 2021, the country's most modern dental simulation skills lab went into operation in the College of Dentistry at Qatar University. Dental medicine students are trained at a total of 32 simulation stations and optimally prepared for their future profession as dentists.

The entire skills lab is equipped with technology from Hessen in Germany. The simulation stations from DentsplySirona based in Bensheim are networked with the alphadidact digital multimedia system from EBS in Heusenstamm.

Numerous individual requirements of Qatar University were taken into account and implemented.

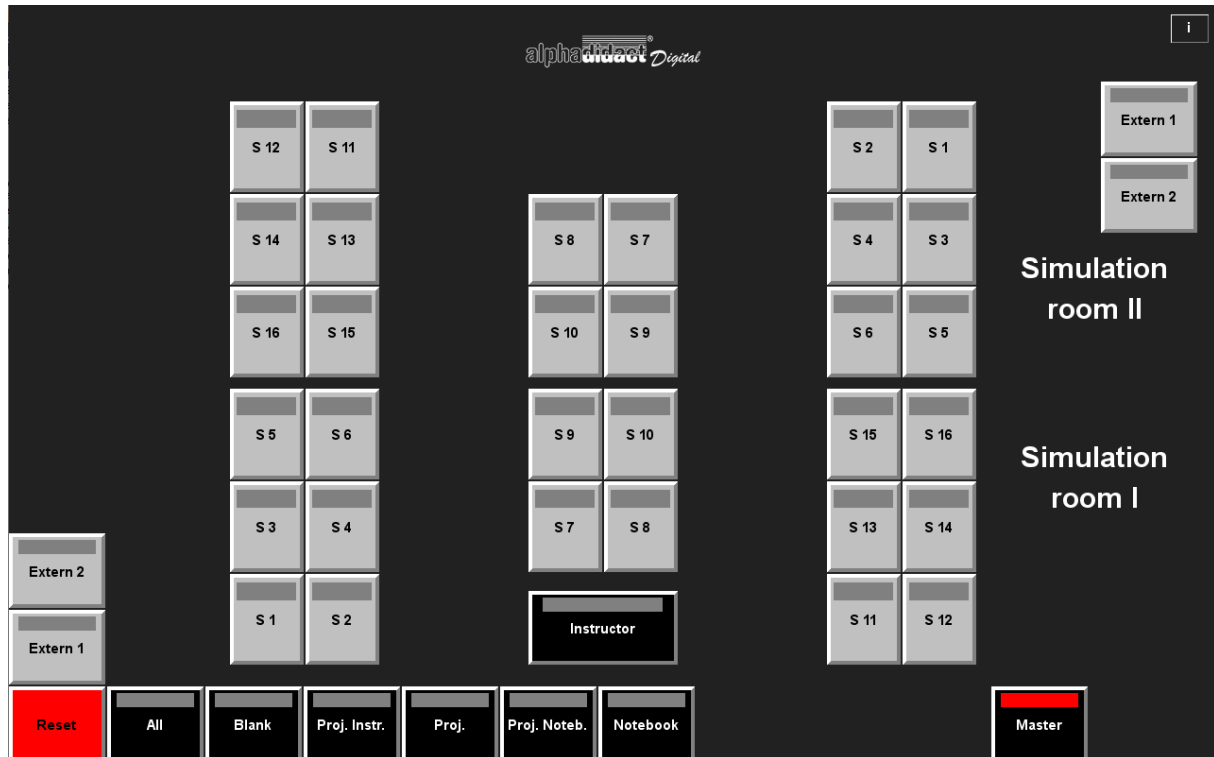
If necessary, both labs with 1 Instructor + 16 Students each can be linked together. If the group to be trained is larger, a push of a button is enough to switch to a group with one lecturer + 32 students.

The alphadidact digital multimedia system is operated via two EBS touchscreens, one control element per training group with 16 participants.



Screenshot EBS Touchscreen / Single Mode SIMULATION ROOM I

"Master" mode can be activated at the push of a button to give the Professor individual access to all 32 workstations.



Screenshot EBS Touchscreen / MASTER Couple Mode SIMULATION ROOM I und II

A further requirement of Qatar University was to enable each student to connect their own laptop (BYOD).

The students have access to their notebook signal or the provided Cerec CAD signal via an automatic digital EBS switch in the alphadidact digital multimedia system.

EBS technology enables signal transmission from the digital Cerec CAD systems, notebook and microscope cameras to all monitors and two large screens, 100% without latency.



The live work of a single student at the microscope is transmitted to all connected screens without signal latency and at the push of a button.

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

By installing EBS multimedia technology, students can be trained simultaneously at any workstation and follow presentations from faculty and fellow students in real time.



Even in the back rows of the training laboratory, the participants can follow the respective training content in optimal quality and 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/en or www.ebs-euchner.com/en/products/laboratory-systems/dental-laboratory.html and on YouTube www.youtube.com/user/EuchnerBS.