

CAE LearningSpace

Enterprise Lite

A cloud-based tool for remote and onsite
OSCEs

Case study

CAE

Using CAE LearningSpace for Rural OSCE Administration

Recognizing that the circumstances arising in 2020 due to the pandemic had impacted the delivery of healthcare simulation content, CAE Healthcare has made serious efforts to help customers make the most of their LearningSpace systems through **Distance Learning** as well.

Below we have outlined some useful approaches that can help you towards leveraging CAE LearningSpace to remotely deliver video, curricular content, asynchronous patient encounters as well as assessment, with the help of **CAE LearningSpace Enterprise Lite**.

CAE LearningSpace provides **Virtual Room functionality** for distance learning to be able to substitute personal meetings with virtual ones. With CAE LearningSpace Enterprise Lite, you can remotely use rooms to organize and record OSCE encounters: have your SPs host their portrayal of a scenario and allow your learners to fill out their pre- and post-encounter checklists as you would do in the physical rooms of your training center.

Monitoring

Events: SON C/O 2020 Event 1105 Done Opened Not yet opened / Video not available

Zoom Virtual Room (Virtual Room #1) - Jillian Ferguson [Join meeting](#)

Vincenzo Grey

Start	Learner	SP	PreL	PostL	FON
10:00 am - 10:30 am	Calvey, Megan	✔	✔	○	⏸
	Harris, Janet	✔	○	○	⏸
	Bauer, Sally	○	✔	○	⏸
		Virtual Room: N/A Video Record: Downloaded			
10:30 am - 11:00 am	Francis, Elizabeth	⏸	○	○	○
	Olson, Maria	○	○	○	○

STATION: Room Virtual Room #1
 ACTIVITY: SON C/O 2020 Assessment
 CASE: Jillian Ferguson (Anaphylactic Reaction)
 SP: Vincenzo Grey

Time	Learner	Virtual Meeting
10:00 am - 10:30 am	Sally Bauer, Megan Calvey, Janet Harris	Start Not Started
10:30 am - 11:00 am	Elizabeth Francis, Maria Olson, Lane Prince	Start Not Started
11:00 am - 11:30 am	(Break)	
11:30 am - 12:00 pm	Tommy Gavin, Pete Johnson, Jimmy Keefe	Start Not Started
12:00 pm - 12:30 pm	Franco Rivera, Donald Robertson	Start Not Started

[Show All Learners](#)

The **Adelaide Rural Clinical School (ARCS)** delivers medical education across rural South Australia and Broken Hill. They have students on placements for a full year of their studies in 12+ rural communities across a very large geographical area.

ARCS is part of University of Adelaide, Faculty of Health and Medical Sciences, which is "The Faculty of Health and Medical Sciences is a world leader in health education and research. We seek to improve healthcare in Australia and internationally."
<https://health.adelaide.edu.au/>

To ensure high-quality assessment as part of ARCS programs, since 2021 ARCS has been using **CAE LearningSpace Enterprise Lite** to *schedule, administer, grade, record and review* their Objective Structured Clinical Examinations (OSCEs).

What is CAE LearningSpace Enterprise Lite?

This **light and simple solution** for **remote (or onsite) healthcare training** is a virtual, hardware-free simulation management system – a cloud-based solution for simulation management, providing end-to-end tools to meet your remote simulation training needs.



A hassle-free and hardware-free access anytime, anywhere.



Schedule, run, debrief, and report for virtual simulation training.



Seamless workflow for end-to-end management of virtual Objective Structured Clinical Examinations (OSCEs) and Standardized Patient (SP) encounters.



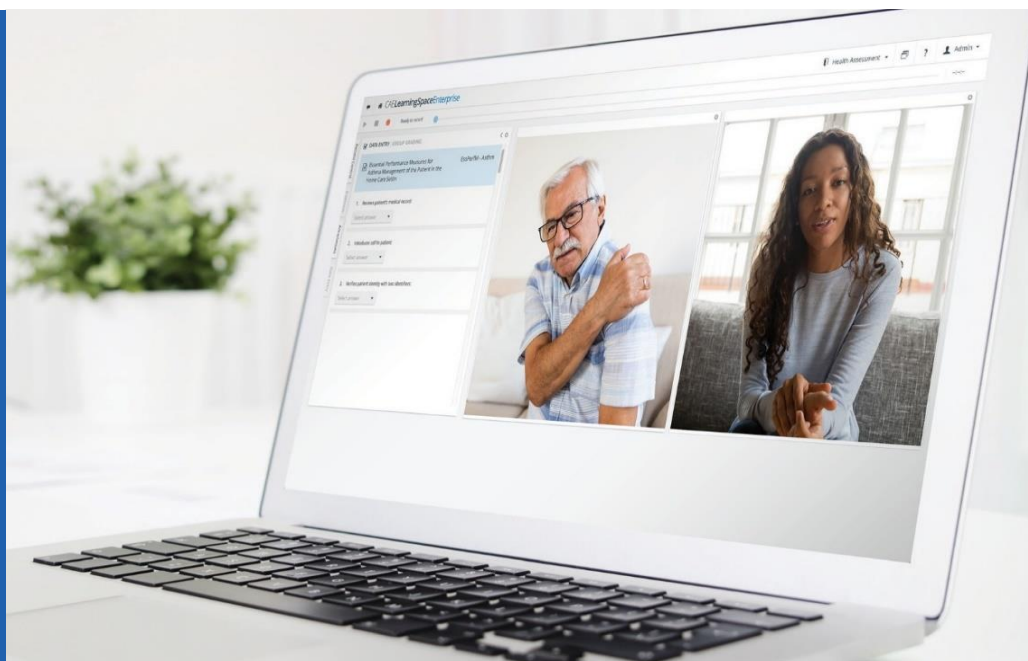
A single platform to manage all sim participants.



Asynchronous learning with accessible embedded media files and documents.

CAE LearningSpace
Enterprise Lite

Virtual,
hardware-free
simulation
management



Based on the below report from 2021 when ARCS first ran the OSCE with CAE LearningSpace Enterprise, this system management tool has enabled them to set up and administer a

- 12 station OSCE
- with 44 students in an off-campus venue,
- with minimal hardwired infrastructure.

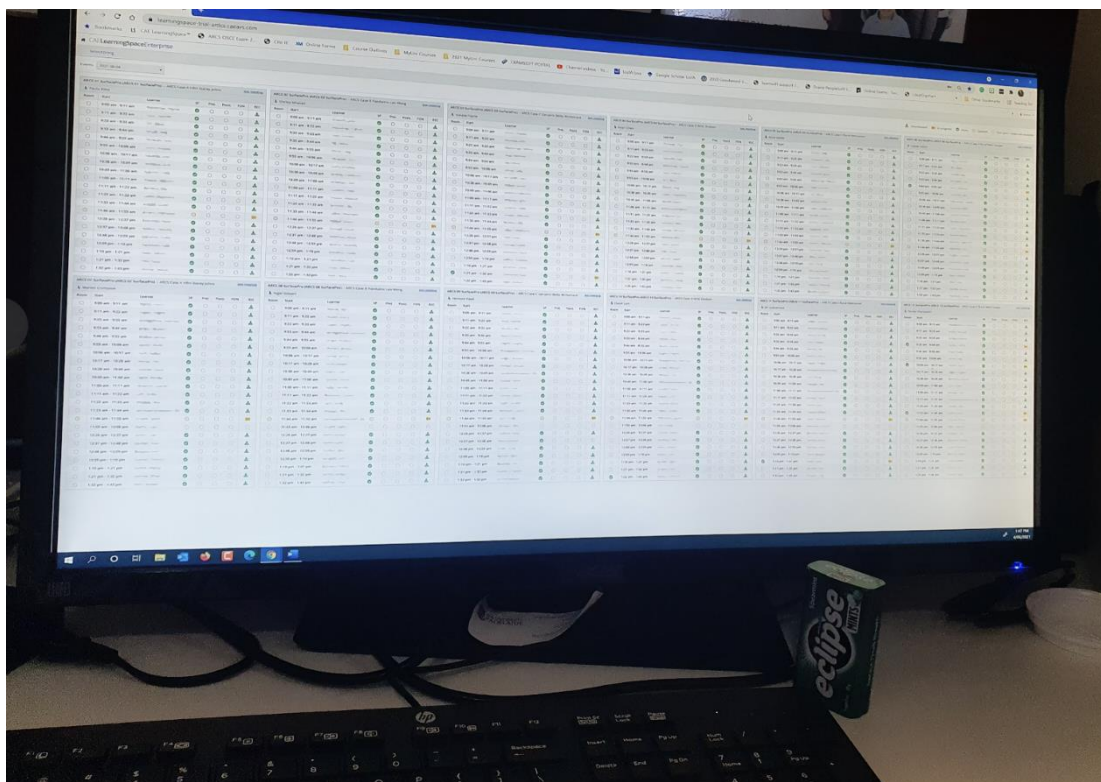
With the remote location of the exam, there was only a 4G connection available to the internet, where the cloud-based CAE LearningSpace Enterprise Lite is hosted.

They were able to do this using:

- a single Surface Pro device in each station,
- two Surface Pro hallway stations
- and a control station.

The **In-room station** device was set up to record the encounter, to enable electronic marking (*Annotations*), and to send intercom announcements; and **Hallway stations** were used as *additional intercom devices*. The **control station** was equipped with **two large monitors**:

- one for the monitoring screen and
- one for the OSCE administrator **Live Activity Control** and **Intercom** functions.





The Faculty and Administrator staff successfully administered, recorded, and electronically marked 264 individual

OSCE encounters with no major issues. In a post event survey, there was 100% agreement by examiners that **the online marking system was easy to use**. They were also able to **immediately generate statistical reports on the results**.

ARCS will be looking to further utilize the system in the future for rural OSCEs and other simulation activities.