

Clinical Simulation and Integrated Assessment Network Overview

One Healthcare Network – Six Access Points – One Assessment Standard

Vision

Cork College of FET is establishing a **Clinical Simulation and Integrated Assessment Network** to provide learners, educators, employers and higher education partners with **equitable access** to high-quality healthcare simulation, clinical skills training and competency-based assessment across the region.

Rather than developing a single simulation centre, the College is creating an interconnected network of simulation facilities operating across six campuses. This model will enable specialist simulation resources to be shared across the College while ensuring that learners experience a consistent, high-quality educational journey regardless of their primary campus location.

The Network has been designed to support:

- Further Education and Training healthcare programmes;
- Tertiary Degree Pathways;
- Employer and workforce development;
- Part-Time Upskilling
- Clinical competency assessment;
- Objective Structured Clinical Examinations (OSCEs);
- Interprofessional education;
- Face-to-face, blended and remote learning;
- Future expansion across additional programmes and campuses.

The Contracting Authority is procuring an integrated healthcare simulation ecosystem, not a collection of standalone products. Tenderers should therefore consider how their proposed solution contributes to the operation of the overall network rather than an individual room or campus.

The Four-Tier Clinical Simulation Network

The Network has been designed using a **four-tier hub-and-spoke model**, providing appropriate levels of simulation capability across the College while ensuring equitable learner access to specialist resources.

Tier 1 – Clinical Simulation Hub Location: Morrison's Island Campus

The principal simulation centre incorporating high-fidelity simulation, integrated assessment, central recording and debriefing, educator development, system administration and advanced healthcare simulation activities.

Tier 2 – Regional Clinical Skills Hub Location: Mallow Campus

Advanced simulation and clinical skills centre supporting programme delivery and enhanced simulation activities integrated with the Regional Hub.

Tier 3 – Care Skills & Competency Assessment Centres Locations: Kinsale Campus and West Cork Campus

Regional centres providing clinical skills teaching, simulation-based learning and scheduled competency assessment linked to the wider network.

Tier 4 – Local Assessment & Access Centres Locations: Macroom and Youghal

Local access centres enabling learners to participate in simulation activities, clinical skills education and remote engagement with the wider network.

Each campus performs a distinct role within the overall network while operating as part of one integrated educational system.

One Integrated Network

Although equipment and software will be distributed across multiple campuses, the completed solution is intended to function as a single integrated Clinical Simulation and Integrated Assessment Network.

Accordingly, where applicable, proposed solutions should support:

- shared educational resources;
- consistent learner experiences across all campuses;
- standardised assessment processes;
- centralised management where appropriate;
- interoperability between systems;
- future expansion of the network.
- Remote operation – from one centre into another

Tenderers should consider interoperability as a fundamental requirement rather than an optional enhancement.

Integrated Simulation Ecosystem

The procurement has been divided into specialist Lots; all healthcare solutions are expected to operate together as one cohesive educational ecosystem.

Where relevant, solutions should support interoperability with complementary systems supplied, including:

- healthcare simulation manikins;
- clinical skills trainers;
- simulation recording systems;
- simulation assessment and debrief platforms;
- AI-powered healthcare communication simulation platforms;
- digital learner assessment systems;
- future technologies introduced during the operational life of the Network.

The objective is to provide learners and educators with a seamless simulation experience irrespective of equipment manufacturer or campus location.

Flexible Learning and Assessment

The Network has been designed to maximise learner access while making effective use of specialist simulation resources.

Depending on programme requirements, learners may:

- participate in practical simulation activities at their local campus;
- attend designated campuses for specialist simulation or competency assessment;
- participate in educator-led simulation scenarios where the educator is on site or operating remotely;
- observe live or recorded simulation activities;
- participate in structured debriefing sessions;
- undertake healthcare communication simulation using AI-enabled platforms;
- access elements of simulation-based learning remotely where educationally appropriate.

This flexible approach enables specialist resources to be shared efficiently while reducing barriers to learner participation across the region.

Integrated Assessment and Debrief

A key objective of the Network is to support consistent, high-quality assessment and learner feedback.

Proposed solutions should support integration with the Clinical Simulation Recording, Assessment and Debrief Platform specified elsewhere within this procurement.

The overall solution should facilitate:

- live observation of simulation activities;
- synchronised recording of simulation sessions;
- structured learner assessment;
- competency-based evaluation;
- educator-led debriefing;
- playback and reflective learning;

- future reporting and learner analytics.

The intention is to create a connected assessment environment supporting both formative and summative assessment throughout the learner journey.

Educational Philosophy

The College's simulation strategy is founded upon progressive learner development.

Solutions should support progression



Accordingly, the emphasis throughout this procurement is on educational capability, interoperability and long-term sustainability rather than isolated product features.

Information for Tenderers

Tenderers are encouraged to familiarise themselves with the complete procurement documentation and consider how their proposed solution contributes to the operation of the wider Clinical Simulation and Integrated Assessment Network.

Our Vision

The Clinical Simulation and Integrated Assessment Network represents a strategic investment in the future of healthcare education across Cork College of FET. By combining regional access with central expertise, integrated simulation technologies and modern assessment practices, the College aims to provide learners with equitable access to authentic, technology-enhanced clinical education regardless of where they commence their learning journey.

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