



CAE Virtual Paramedic

First responder paramedics called to the scene of a mass casualty need to be ready to respond rapidly and make informed decisions. The prognosis of a patient can be significantly improved when emergency medical decisions and life-saving treatment are administered to patients quickly at the site of the incident. Training and preparation are essential to ensure that first response teams will take the appropriate action in a coordinated effort at the right time. With traditional exercise-based training methods, it is impossible for all paramedics to receive training. The CAE Virtual Paramedic is an innovative, award-winning simulation-based training solution, which can be integrated with a learning management system, to cost-effectively and efficiently help prepare paramedics for complex and critical situations.

Immersive self-led training solution

The CAE Virtual Paramedic is an immersive, self-led paramedic training solution which makes training accessible to geographically distributed personnel. The focus of the emergency management simulation is to allow paramedics to execute roles associated with mass casualty events, including management of resources, triage of patients and provision of life-saving treatment.

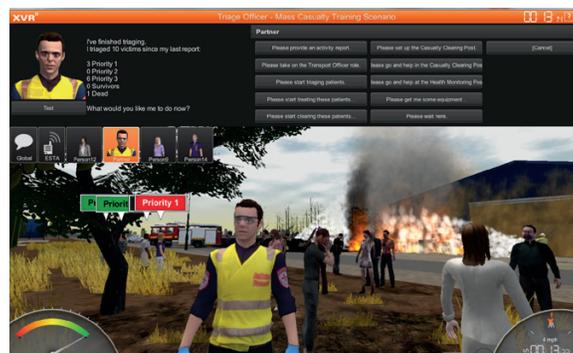
Traditional forms of training for major incidents require the trainees, and a large number of support personnel, to be available simultaneously at one central location. The CAE Virtual Paramedic is web-enabled, allowing paramedics to train anywhere and at any time, thus greatly reducing training costs and increasing efficiency.

CAE Virtual Paramedic Features:

- Dynamic simulated patients, which are inspired by real world patients, and respond to treatment or lack of treatment;
- Facility to triage and treat patients;
- Ability to task resources, including other ambulance and agency personnel, as they arrive on the scene;
- Scenario briefing and feedback on key performance indicators, including triage effectiveness;
- Execution of all the primary roles for a coordinated paramedic emergency response plan.

The CAE Virtual Paramedic is available as either an individual student license, or an organisation wide license, to allow access to training for all paramedic staff. The licenses are sold as a package which includes the options for:

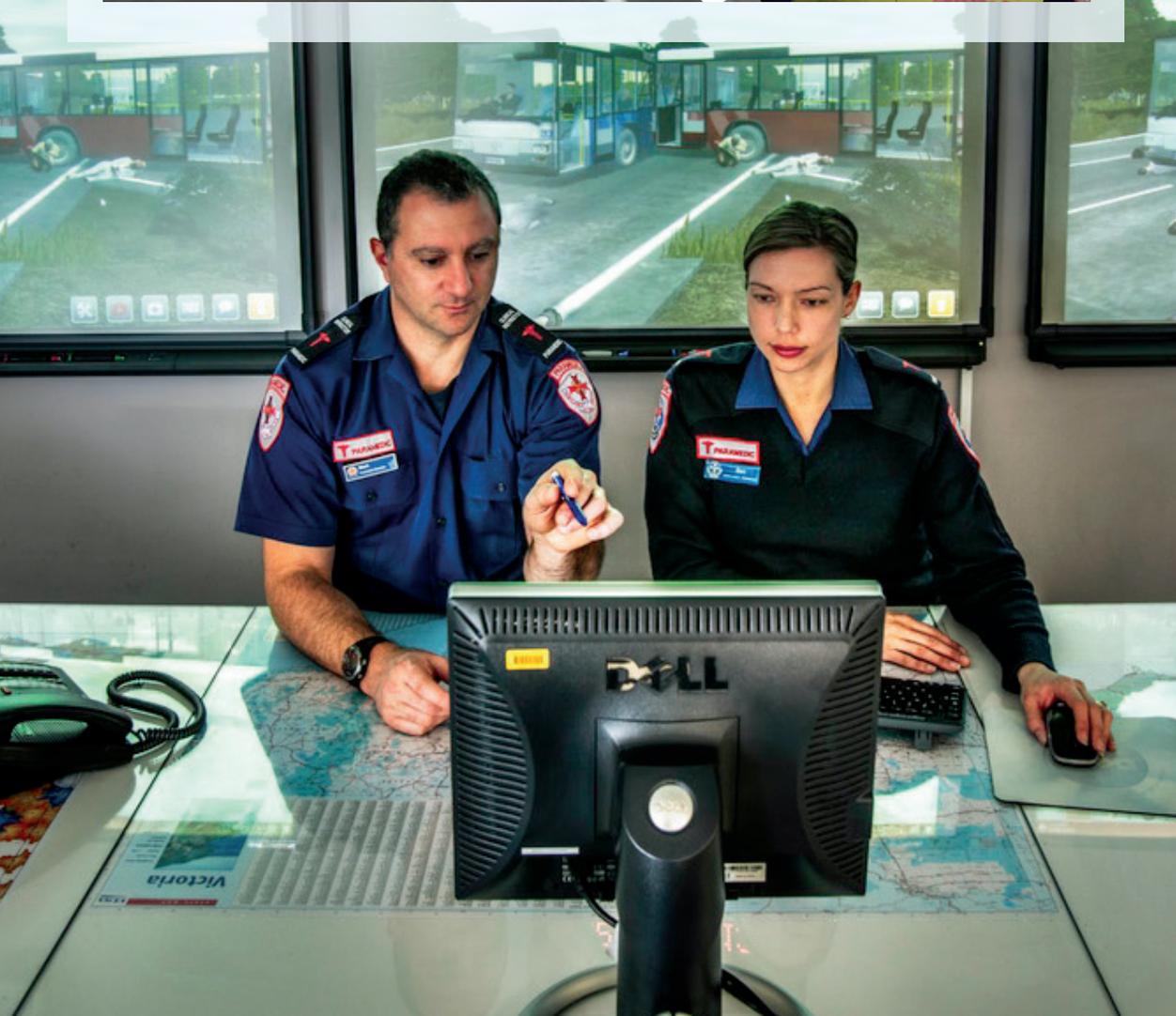
- Tailoring of content, scenarios and dialogue to represent agency specific visualisation and responses, and delivery of the training through CAE's delivery system.
- Development of additional scenarios and tailoring to provide support for different response protocols and integration with an agency specific learning management system.
- Development of additional scenarios and tailoring to provide support for different response protocols and integration



Program Example

Ambulance Victoria, Australia, has launched the CAE Virtual Paramedic training solution to train all ambulance paramedic's personnel so they are ready to respond in a timely and cost-effective manner. The simulation scenarios are developed and validated using data of actual incidents and patients. The CAE Virtual Paramedic allows the trainees to interact with intelligent, virtual characters representing other response agencies and bystanders to make decisions that achieve the desired operational outcome. CAE also implemented a learning management system to record results and provide trainees feedback on their performance. Plans for future development include implementing the roles of transport officers and health commanders, which will enable Ambulance Victoria paramedics to execute all the primary roles in their emergency response plan.

The Council Ambulance Authorities (CAA) of Australia, New Zealand and Papua New Guinea has awarded the 2013 CAA Educational Performance Award to CAE Australia and Ambulance Victoria for the Virtual Paramedic program, recognising its contribution to innovative professional development, skills maintenance and practice standards.



Canada

CAE
Attn: Marketing
8585 Côte-de-Liesse
Saint-Laurent, Quebec
Canada H4T 1G5

Tel +1-514-341-6780
Fax +1-514-734-5718
milsim@cae.com

United States

CAE USA
4908 Tampa West Blvd.
Tampa, FL 33634

Tel +1-813-885-7481
Fax +1-813-901-6429
cae_usa@cae.com

Europe

CAE GmbH
Steinfurt 11
D-52222 Stolberg, Germany

Tel +49-2402-106-0
Fax +49-2402-106-270
info@cae-gmbh.de

United Kingdom

CAE UK plc
Innovation Drive, Burgess Hill
West Sussex RH15 9TW
England

Tel +44 (0) 1444-247535
Fax +44 (0) 1444-244895
cae_plc@cae.co.uk

Middle East

CAE Middle East
P O Box 2116
Dubai, United Arab Emirates

Tel +971-4-2949466
Fax +971-4-2948406
milsim@cae.com

Australia

CAE Australia Pty Ltd
Unit 40, Slough Business Park
Slough Avenue
Silverwater, NSW 2128

Tel +61-2-9748-4844
Fax +61-2-9714-0300
caeaus@cae.com.au

India

CAE India Pvt Ltd
Survey No.26 & 27, IVC Road
Bandaramahalli Village, Uganvadi
Post Devanahalli Taluk, Bangalore -
562110 India

Tel +91-80-2625-6000
Fax +91-80-2625-6160
caeindiapvtltd@cae.com

Singapore

CAE Singapore (S.E.A.) Pte Ltd
2 Seletar Aerospace Link
Singapore 797570

Tel: +65 6430 4390
Fax: +65 6430 4399
milsim@cae.com

