

CAE announces the launch of the Synthetic Environment and Immersive Technologies group

Montreal, Canada, June 20, 2022 (NYSE: CAE; TSX: CAE) – In 2021, CAE disclosed a \$1 Billion investment for digital and green technologies innovation over a five-year period to develop the technologies of tomorrow, including digitally immersive solutions using data ecosystems and artificial intelligence. As part of this investment, CAE announces the launch of the Synthetic Environment and Immersive Technologies Group.

The newly formed Synthetic Environment and Immersive Technologies (SE & ImTech) group focuses on using technology to close the gap between the digital and the physical worlds. A Synthetic Environment enables users to see, understand and manage the impact of relevant variables in a vast, complicated environment – to virtually match every aspect of the real world.

Employing visual data modelling, simulation and AI (Artificial Intelligence), the suite of capabilities will provide a range of solutions to address needs from simple to the most complex ones, catering to individuals, organizations and to all levels of government. From climate change to public health & safety, the objective is to accelerate development and safe adoption of world-changing innovation. In collaboration with CAE's partner network, these new technologies will provide analysis and insight to help users cope with our complex world.

“We are working on a technology to help address some of the biggest challenges we face – climate change, population migration and large-scale crises. Our goal is to better predict the future by truly simulating and replicating our world to better understand it. The end result will be a very powerful tool”, said Joe Armstrong, Vice President, Synthetic Environments & Immersive Technologies.

The first portfolio offering, Echo, will launch in late 2022. Echo is an easy-to-use, digital-twin-on-demand marketplace. This web-based application allows users to combine data and simulations from multiple sources and display the resulting digital twin(s) in a virtual 3D environment. The user-friendly and intuitive interface enables everyone to interact with datasets and evaluate scenarios to access actionable information and insight.

CAE's official launch of the SE & ImTech group coincides with the June timing of the [Collision](#) Conference. Key players from this new group and from CAE will be on the judging panel of the PITCH competition which is powered by CAE this year. PITCH is Collision's startup competition, bringing together the world's leading early-stage startups to compete onstage. The CAE team looks forward to further growing its network of partners interested in a collaborative approach for a safer tomorrow.



ABOUT CAE

At CAE, we equip people in critical roles with the expertise and solutions to create a safer world. As a high-technology company, we digitalize the physical world, deploying simulation training and critical operations support solutions. Above all else, we empower pilots, airlines, defence and security forces, and healthcare practitioners to perform at their best every day and when the stakes are the highest. Around the globe, we're everywhere customers need us to be with more than 13,000 employees in more than 200 sites and training locations in over 35 countries. CAE represents 75 years of industry firsts—the highest-fidelity flight and mission simulators, surgical manikins, and personalized training programs powered by artificial intelligence. We're investing our time and resources into building the next generation of cutting-edge, digitally immersive training and critical operations solutions. Today and tomorrow, we'll make sure our customers are ready for the moments that matter.

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