

► DIVISION *ELECTRONIC SOLUTIONS*

31 May 2023

FORC3 collaboration brings world-class combat vehicle virtual training system to Canadian Army

The Land Vehicle Crew Training System (LVCTS) solution will give the Canadian Army a virtual training system allowing crews of the Canadian Army's main armoured combat vehicles to train at the five major garrisons of Gagetown, Valcartier, Petawawa, Edmonton, and Shilo. The project will set up and operate a training system consisting of a synthetic environment, simulators, and a training management system that will enable soldiers to learn, improve, and maintain their skills. The package includes purpose-built infrastructure at each of the five bases. It covers both individual and collective training, from level 1 (crew member) to level 5 (combat team).

As first announced in June 2020, Rheinmetall and Lockheed Martin have joined forces to win the bid for the Canadian Army's LVCTS. This strategic partnership, led by Rheinmetall Canada and known as FORC3, will enable training for adaptive dispersed operations. Combining 40 years of global combat vehicle virtual training expertise, the Rheinmetall and Lockheed Martin FORC3 team delivers a superior technical and operational solution, mitigating Canada's risk and ensuring interoperability. Collectively, the FORC3 team has delivered and currently operates more than 40 global training centres, providing training and services to Canada's key allies, including NATO and the Five Eyes alliance.

The FORC3 team is a collaboration of top Canadian defence, service, infrastructure, and simulation companies, including Rheinmetall Canada (Saint-Jean-sur-Richelieu), Lockheed Martin Canada (Ottawa), the ADGA Group (Ottawa), Bluedrop Training and Simulation (Halifax), EllisDon Construction and Building Services (London), Paladin AI (Montreal), and REDspace Incorporated (Halifax). Together, FORC3 provides a Canadian solution that uses the best global training technology, while developing Canada's industrial and operational capabilities for future export sales.

The FORC3 team boasts a proven global track record in constructing and maintaining land training operations and specialized infrastructure, combined with the expertise of top Canadian green infrastructure builder, EllisDon. With a focus on harnessing and consolidating training data, FORC3 has partnered with REDspace to provide cutting-edge big data and networking capabilities to enable advanced analytical systems within Canada's training environment. This solution is a critical enabler of force generation and experimentation, aligning with Canada's FITE vision.

The FORC3 team looks forward to welcoming you at the 2023 edition of CANSEC Canada's Global Defence and Security trade show in Ottawa from 31 May to 1 June.

Make sure to stop by at Rheinmetall's booth #1121 to discover how the team is committed to leveraging its expertise and experience to ensure the mission readiness, success, and safety of the Canadian Army!

► Key facts


- FORC3 leverages Rheinmetall and Lockheed Martin's global expertise and capability to provide Canada with a superior technical and operational LVCTS solution.
- FORC3 has partnered with REDspace to provide cutting-edge big data and networking capabilities to enable advanced analytical systems within Canada's training environment.

► Contacts

Oliver Hoffmann
Head of Public Relations
Rheinmetall AG
Tel.: +49-(0)211 473 4748
oliver.hoffmann@rheinmetall.com

Dr. Jan-Phillipp Weisswange
Assistant Head of Public Relations
Rheinmetall AG
Tel.: +49-(0)211 473 4287
jan-phillipp.weisswange@rheinmetall.com

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