



Protecting Our Country ♥ True North Strong & Free

Every day, the Royal Canadian Navy stands guard to serve our country. To make training more accessible and efficient, we have been working with the crews in Halifax, Quebec, and Ottawa to develop authentic immersive skill-building experiences that simulate high-risk environments or situations that are otherwise difficult to access or costly and logistically challenging.

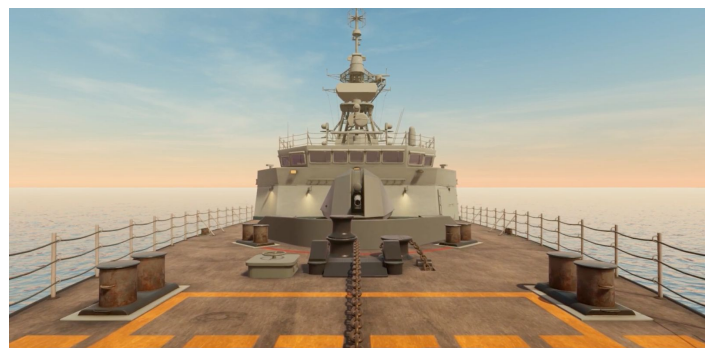
Using our technology, StellarX, we created customized Spaces with immersive training scenarios in which individuals and teams can get realistic hands-on training in an environment that's safe and conducive to team-building. Our cost-efficient solution not only facilitates the onboarding of new recruits, but its interoperability helps teams collaborate in real-time so they can onboard new recruits easily, manage crisis situations with efficiency, improve day-to-day operations, and navigate the changing tides of life at sea

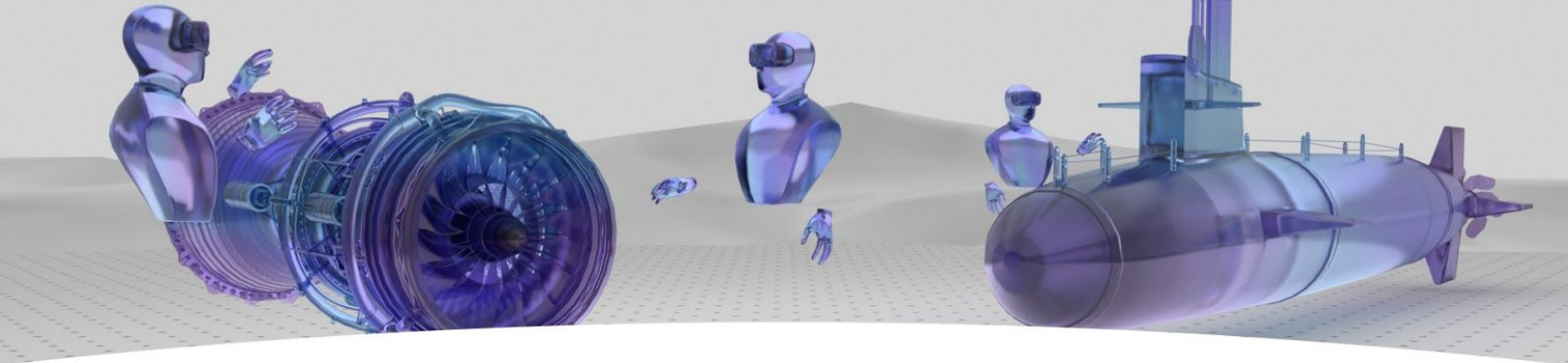
Challenge : Accessibility

Solution : Immersive Skill-Building

To make training for the Royal Canadian Navy more accessible, we created a nautical environment, which included a ship, an anchor, artillery, and other heavy equipment.

Then, we designed custom multiplayer scenarios that will help with the onboarding of new recruits and upskilling of the Royal Canadian Navy crew within the Navy-themed Space. For instance, one of the scenarios simulates weighing an anchor, which requires interoperability, procedural knowledge, and sequential ordering of the steps to accomplish in order to succeed. The scenario allows students to be more prepared, efficient, and allows them to gain a better understanding of the situation at hand in a context that is relevant, relatable, and safe. As such, readiness and preparedness make training safer as crew members are exposed to the safety risks in a virtual environment before being exposed to the real-life environment in which costly mistakes could occur.



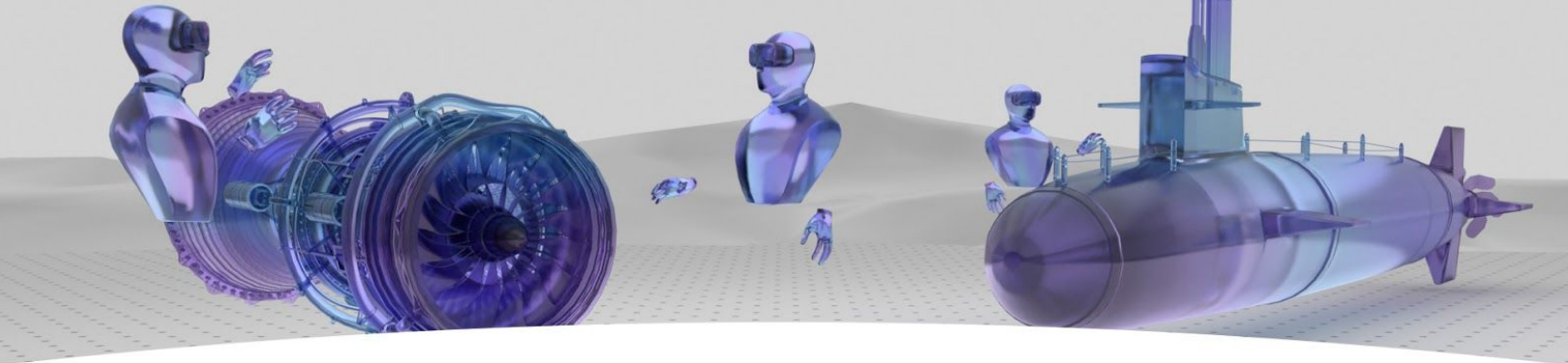


Results

After 18 months, the Royal Canadian Navy found that our immersive skill-building solution improved training accessibility overall. Not only did it allow for the crew to hone their skills in a high-risk environment, but the virtual nature of our solution allowed for each member to get more training time. Prior to adopting StellarX, training was done aboard an actual ship, which was quite costly and logistically challenging to schedule. Since having adopted StellarX as an immersive skill-building solution, the Royal Canadian Navy can increase the number of hours allocated to hands-on training as their Spaces can be customized with their own assets, and shared with as many trainees as they please. Furthermore, training teams in an virtually simulated authentic context that exposes them to the real-world risks has helped prevent accidents.

Benefits

- More Knowledgeable
- More Prepared
- More Responsive
- More Confident



A few of our major accounts



BOMBARDIER



Main industries served

- Security and defense
- Heavy industries
 - Energy
 - Mining
- Advanced manufacturing in transportation
 - Aerospace
 - Maritime
 - Railroads

Standard Industrial Classification (SIC)

73720000 - Prepackaged SoftWare

73729903 - Educational Computer SoftWare

73729902 - Business Oriented Software

33331800 - Other Commercial and Service

North American Industry

Classification System (NAICS)

541515 - Video Game Design and Development Services

541514 - Computer systems design and related services

Our R&D Partners

- Laval University
- Concordia University
- Reading University
- Nara University
- CIMMI Research Center

Company Informations

Company legal name ; OVA

Quebec's Registered Number ; 1165394082

Year founded ; 2014

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