

NRC is working with Spar Aerospace Ltd., Atomic Energy Canada Ltd. and the Canadian Space Agency to develop computer software that will create digital images of heavy equipment and the work sites where they operate — in full, three-dimensional detail. This emerging technology, known as a virtual environment for remote operations (VERO), uses a 3D laser camera invented and patented at NRC. With VERO, remote operations like hazardous waste site inspections will be made simpler, safer and more cost-effective.

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