



**R E D L E N**  
**T E C H N O L O G I E S**

Redlen Technologies' genesis lies in the foundational work of its Co-Founder Bob Redden who undertook a Canadian Space Agency (CSA) challenge of growing crystalline materials in microgravity on the Mir and the International Space Station (ISS).

Starting from an original team of five to over 230 employees today, Redlen has continued to innovate and improve the semiconductor crystal growth and fabrication process for its world-leading Cadmium Zinc Telluride (CZT) sensors, used in Medical Imaging, Security Imaging and Non-Destructive Testing. Redlen's technology is enabling a quantum leap forward in medical CT scanners - equivalent in scope and scale to the leap from black and white TVs to high definition 4K LED displays - improving image resolution and diagnostic accuracy, all the while substantially reducing radiation dose.

The team has secured design wins with major Fortune 500 industry customers in the medical and security industries and it plans to grow to 400 people and double its Victoria footprint in the next five years. Redlen's impressive technical leadership and innovation led global medical equipment leader Canon Inc. to acquire Redlen for \$430M in 2021 - a huge win for the B.C. tech industry.

Redlen has been honored with multiple awards and accolades, and takes pride in its reputation as an exceptional workplace for Science, Technology, Engineering, and Math (STEM) positions, as well as its commitment to equal employment opportunities.

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