

InterScience, Inc.

Dr. James T. Woo, CEO

105 Jordan Road, Troy, NY 12180

Phone: (518) 283-7500, x-11 **Fax:** (518) 2830-7502**Email:** woojt@intersci.com**Web Address:** <http://www.intersci.com>**Management:**

CEO: James T. Woo

COO: Michelle Simkulet

Comptroller: Anne Stuto

Industry: Technology R&D**Number of Employees:** 15**Major Customers:**

DOD (Navy, Army, Air Force, DARPA, MDA), NIH, DOJ, DOE, NASA, NSF, National Laboratories, NYSERDA, BAE Systems

Government Contracts / Grants:

C-View Surveillance:

ONR \$820K (SBIR)

OSD \$1.75M (QRF)

ARMY \$168K (REF)

C-View Endoscope & Display:

NIH \$1.75M (SBIR)

Amount of Financing Sought:

C-View Endoscope: \$2M equity and/or in-kind investment

Technology Readiness Level (TRL):

CRISSTL Ball TRL 7

C-View Periscope TRL 7

C-View MNVD TRL 7

C-View Infrared TRL 6

OADLC TRL 7

C-View Endoscope TRL 5

Business Description:

InterScience is a multi-disciplinary R&D company that is dedicated to the advancement of technology through the application of knowledge with imagination. ISI conducts sponsored R&D, providing optical and opto-electronic technology solutions for customers with medical, surveillance, and military applications.

Company Background:

InterScience is a C-Corp founded in 1980, and now in its 28th year of operation under the same ownership and management. The company is headquartered in the Rensselaer Technology Park in Troy, NY.

Management:

InterScience, Inc. was founded by Dr. James T. Woo in 1980 who continues to serve as its CEO and President. He received his Ph D from MIT in 1966. Prior to founding InterScience, Inc. he has taught at both MIT and RPI and worked in industry in the R&D environment.

Products/Services:

C-View MNVD – A C-View imaging system integrated with GEN III image intensified monocular night vision device.

CRISSTL Ball – A compact, remote C-View imaging system with hardened packaging and wireless video transmission that can be thrown or dropped into an unknown area for instantaneous situation awareness.

C-View Periscope – A high resolution telescoping C-View imaging system with integrated compact handheld display.

C-View Infrared – A post-mounted C-View imaging system for perimeter detection and surveillance applications. Available as both an active (near IR illumination and sensor) and passive (thermal) system.

OADLC – (In collaboration with LWAS, Inc.) An integrated optical and sniper fire acoustic detection, localization and classification system for perimeter and convoy protection and constant situation awareness.

C-View Endoscope/Borescope – Small diameter implementation of the C-View imaging system for minimally invasive surgery, inspection and thru-wall surveillance applications.

Technologies/Special Know-How:

The C-View optical provides a continuous greater than hemispherical field of view with high image quality in a compact system. Accordingly, a single C-View unit can replace multiple sensors to provide continuous coverage of a larger field of view, resulting in significant equipment, installation, maintenance and manpower cost savings.

Markets:

The C-View technology has been implemented for a variety of surveillance applications for on-demand situation awareness applications. Prime targets are military and law enforcement markets to be penetrated through end-user demonstrations for procurement contracting and integration into existing technology suites.

Minimally invasive surgery is a \$1 Billion market. The C-View endoscope would reduce patient trauma, procedure time, and enable new minimally invasive diagnostics and surgical procedures to be developed. To commercialize, ISI will align with strategic partners to license the technology and integrate into their product line.

Competition:

The C-View advantage over omnidirectional imaging technology in the surveillance market (i.e. Remote Reality, Remington EyeBall and Octatron Dragon Eye), is total field of view, compact size and cost, resulting in a superior performing product for a competitive price.

Omnidirectional imaging is not yet available in the minimally invasive surgery market, primary competition is wide angle viewing endoscopes.