

CUSTOMERS & MARKETS

• AFOSRL • Defense Advanced Research Projects
• DEPARTMENT OF THE ARMY • NAVY/ONR

• Air Force

www.ultimara.com

PARTNERING WITH ULTIMARA

Partnerships are central to what we do and an important aspect to our overall success. Whether you are a prime contractor, a research university or institution, an original equipment manufacturer or an end user, we might possibly hold the technology to solve your particular technological need. If you believe one of our technologies fits your need, we welcome you to discuss partnership possibilities, contact us.

PARTNERS

Stanford University

TEAMING

Ultimara Inc. regularly teams with Universities, small and large businesses. Explore how cooperatively working with Ultimara can benefit your organization.

ABOUT THE ULTIMARA

Ultimara team is highly talented, with first hand experience acquired at diverse companies. Ultimara team members have experiences building optoelectronic systems and have a keen understanding of the market issues and emerging trends.



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MISSION

Ultimara champions the development of advanced optical technologies to serve defense and commercial markets.

VISION

Ultimara is an advanced optical technology company focused on development of novel cutting edge technologies that have large impact on a broad range of markets.

VALUES

We create value for the customer by achieving and maintaining high quality standards and timely delivery of products and services to exceed customer expectations.

CORE COMPETENCIES

DEFENSE EO/IR SENSORS

Ultimara creates unique sensor products that are predominately for the defense industry but can also have commercial market applications. The primary market is initially driven by the need of the DOD for superior products with exceptional performance. Our policy is to develop products that are a world first in their application or use, and are protected by in-depth Intellectual Property.

Products Development:

- » Electro Optic (EO) Sensors
- » Beam Steering Technology
- » LIDAR and Coherent Imaging



DATA COMMUNICATION AND OPTICAL INTERCONNECTIONS

Ultimara's proprietary technology solution is applicable to optical data communication, data centers and large scale interconnections.

Products Development:

- » Optical data communication interface and subsystems.
- » Optical interconnects and free space communication



Free space optical (FSO) link enabled with EO laser beam steering tracking.

NEXT-GENERATION SOLAR LIGHTING TECHNOLOGY

Ultimara's proprietary technology solution is applicable to next generation concentrated solar and concentrating solar lighting for building.

Products Development:

- » Disruptive low cost solar lighting system.
- » Low-cost, low profile, solar concentration systems.

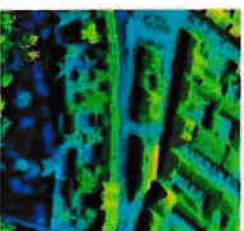
TECHNOLOGY

We are building devices and systems that provide game changing performance, our technology solution portfolio includes:

EO/IR Miniature LIDAR/LADAR

A miniature EO/IR aperture laser beaming sensor for applications that include LIDAR/LADAR, target tracking, and wide area coherent imaging.

The EO/IR common aperture modular multifunction sensor transmits and receives electro-optical radiation from a variety of airborne platforms.



UAV aerial LIDAR



Mobile LIDAR

OPTICAL DATA COMMUNICATION INTERFACE AND SUBSYSTEM

Ultimara is developing an ultra-dense high bandwidth technology solution applicable to optical data communication, data centers, large scale interconnections, and free space communication.

NEXT-GEN SOLAR LIGHTING

Ultimara is developing a low profile, ultrathin and lightweight solar lighting and concentrating system that exploit the unique properties of nano-materials and offer the promise of higher efficiencies and lower cost over current solar concentrating energy systems.

If you are a commercial system integrator of defense prime contractor interested on our product/technology portfolio, contact us for more information.