

## Press Release

### FOR IMMEDIATE RELEASE

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### **OptoKnowledge launches fiber optic and sensor spinoff company Guiding Photonics LLC**

**Torrance, California** – OptoKnowledge expands our technological reach by launching Guiding Photonics LLC.

OptoKnowledge protects American interests by integrating sensors and artificial intelligence in various applications. Since 1991, defense applications, space exploration, and environmental monitoring have played a key role in our approach to R&D—and the September 2020 launch of our spinoff company, Guiding Photonics, is a direct result of our customers' trust in our abilities and our commitment to delivering top-quality technology.

Breakthrough developments with top government agencies, universities, and commercial organizations have led to OptoKnowledge tools being implemented in various defense, space, and environmental applications. The company customizes intelligent sensors with machine learning capabilities to solve problems where off-the-shelf products are unavailable.

We have built a reputation as a leading provider of intelligent military and defense technologies in the United States. Accordingly, OptoKnowledge takes pride in offering custom solutions to national problems—including the protection of Americans on the frontline—helping to push the boundaries of space exploration while tackling environmental challenges.

Guiding Photonics will operate with these same principles in mind. The spinoff will focus on beam delivery and laser spectroscopy using proprietary hollow waveguide technology, serving customers in mid-infrared and high-power laser applications.

“We believe that hollow core fiber technologies are going to play a key role in the mid-IR spectroscopy industry in the coming decades,” says Chris HolmesParker, CEO of OptoKnowledge. “The applications of this technology are endless and include environmental monitoring, remote sensing, industrial monitoring, defense, space exploration, and more. We are excited to see where Guiding Photonics technologies end up over the next decade.”

All the principals spearheading fiber development at OptoKnowledge will be involved in Guiding Photonics and pledge to maintain the same emphasis on quality and service. As an independent company, Guiding Photonics will focus exclusively on customer needs and, in the coming months, launch a series of laser delivery (spanning UV to Far-IR), signal collection, and tunable laser absorption spectroscopy products. A range of proprietary plastic fibers, single-mode fibers, fiber bundles, and optical assemblies feature unique and rare capabilities. The spinoff will enable Guiding Photonics to quickly further the state-of-the-art of photonic products.

**About OptoKnowledge Systems**

OptoKnowledge Systems, Inc. has been “Converting Light into Knowledge” with applications ranging from environmental sensing to missile defense. The company was founded in 1991 and has a renewed focus on growth.

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**About Guiding Photonics LLC**

Guiding Photonics LLC is a fiber optic and sensor company using proprietary hollow waveguide technology to serve customers with mid-infrared and high-power laser applications.

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