

Discover Applied Spectral Knowledge

Ocean Insight is the Applied Spectral Knowledge company. We use spectral technology, application expertise, and manufacturing scalability to help customers take on important challenges for a safer, cleaner, healthier future. Ocean Insight combines savvy system design, integration capabilities, and applications knowledge to help people solve problems using light measurement. We offer a suite of modular spectroscopy products, multispectral sensing solutions, and software development for diverse applications in industrial settings, research and science, food and agriculture, applied biotechnology and life sciences, illumination and color measurement, and safety and security.

Ocean Insight technologies are connected to a diverse range of industries and disciplines. Our products are used by innovators, researchers, educators, scientists, and OEM suppliers in laboratory settings, field research, and process environments worldwide. First responders and security professionals have incorporated Ocean Insight products into their equipment. Science educators have made our instruments an integral part of each student's learning experience. Ocean Insight solutions are part of both everyday measurement needs and bigger technical challenges related to issues such as population growth and climate change.

Ocean Insight has sales, service, engineering, and manufacturing operations in Florida, and has sales locations throughout Europe, Latin America, India, and China. Ocean Insight is a subsidiary of Halma plc, an international market leader in safety, health, and sensor technology.



Ocean Lab Services

Ocean Insight provides world-class expertise, dedicated facilities and advanced computing to provide breakthrough momentum toward project goals. Ocean Lab Services is the bridge between defining your toughest challenges and providing the tools and insight to solve them.

Custom Product Development

Customers benefit from our laser-like focus on new technologies, application consultancy, custom system design, manufacturing expertise and a global service and support network. Our dedicated development teams help you bridge the gap from design concept to solution, speeding time to market and delivering important insights.

Software Development & AI

We provide software at multiple levels of power, complexity and programmability to meet a full spectrum of spectral analysis and automation needs. For customers dealing with massive or complex data sets, tools like algorithm development, chemometrics and machine learning offer another layer of insight. Our powerful new Ocean Intelligence machine learning is ideal for advanced identification and quantification, turning data into the answers customers need.

Manufacturing and Global Supply

Ocean Insight serves a range of commercial sectors by supplying optical sensing components, subassemblies and turnkey systems in volume. Our sensing technologies, ability to engineer complex solutions, and experience in applying spectral knowledge to solve measurement challenges are uniquely placed to deliver custom solutions from prototype to mass production.



Are you ready to explore how Ocean Insight can help you unlock the unknown?