



Custom Array for 3D Workspace

California

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An information technology and solution developer involved in optical metrology contacted API to join forces in the creation of a custom range of photodiode based sensors. The challenge facing both companies was to develop sensors capable of detecting a laser signal anywhere within a 3D workspace.

Michigan

2925 Boardwalk
Ann Arbor, MI 48104
Phone (734) 864-5600
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The customer's team is pioneering groundbreaking business solutions for the industrial and architectural sectors. The company's patented hardware and software products are also at work providing new capabilities to applications in metrology, robotics, waste remediation, mine clearance, reverse engineering, virtual reality, navigation and a variety of other specialty segments.

Wisconsin

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Dodgeville, WI 53533
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The result was a product that incorporates a proprietary 32-element array (spacing, resolution, wavelength, etc.) mounted with very tight mechanical placement tolerances that has become an integral part of a highly accurate optical measurement system used within the automotive, aerospace and construction industries; including a new category of portable, multi-use measurement systems designed for increased application flexibility and affordability without sacrificing high-accuracy performance.