

# GeoSLAM

For Surveying



GeoSLAM.tech



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CEO



Our unique technology is highly versatile and adaptable to all environments especially spaces that are indoor, underground or difficult to access.

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## For Surveying



The role of the modern surveyor is rapidly changing as demands grow to quickly and accurately capture, manage and utilise 3D spatial information. Many surveyors need to work in hazardous environments (such as live construction sites or in buildings being renovated), as well as in complex and difficult to access spaces where there is limited or no GPS coverage (such as heritage buildings with thick stone walls). And they will often have a very limited time on site to accurately create a 3D model. Access to user-friendly technology that can quickly

scan multi-level environments and produce accurate and high quality 3D survey data can be a game-changer for surveyors.

We are a global market leader in 3D mobile mapping technology. We offer surveying professionals innovative technology tools such as our lightweight, handheld laser scanners which are highly mobile, simple to operate and can be used by anyone. Our award-winning user-friendly software turns data into real-time 3D information, delivering rapid and accurate results within minutes and in industry standard formats to

enable fast integration into existing Building Information Models. And as our solutions don't require GPS for accurate positioning and mapping, we are the perfect technology provider to help you with all your challenging surveying requirements including measured building surveying, heritage building mapping and industrial plant surveys.



# The benefits of using GeoSLAM

**1 Rapid scanning time.** Within minutes anyone can be operating the technology, and our intelligent software (which uses the most established and robust SLAM mapping algorithm in the industry) can map a 3-storey building in just 30 minutes to an accuracy level of 15mm. Walk through your target survey environment to record more than 43,000 measurement points/second!

**4 Proven technology.** We have a strong track record of designing game-changing technology, applauded by industry experts and sold to over 40 countries. And with continuous innovation in our software, we aim to be the global market leader in 3D SLAM-based mobile mapping technology.

**2 “Go-anywhere” mobile mapping.** Our versatile technology is adaptable to any environment in all industries, especially complex and enclosed spaces, without the need for GPS. Flexible deployment means the systems can be handheld, drone or robot mounted or even attached to a pole or cable. If you need to rapidly navigate a multi-level site, without having to carry or maneuver heavy kit – we have the solution for you.

**5 User-friendly software.** Complete 3D point cloud outputs are compatible with all major industry post processing software. Need to process unlimited data out in the field, or opt for a pay-as-you-go upload? We offer you cloud and desktop software options.

**3 Saving you time and money.** You can capture and model complex data up to 10 times faster, enabling you to successfully complete projects in minimum time with little or no disruption at the project site. You can also expand your range of products by taking on projects that would otherwise have proved too difficult or time consuming using traditional survey techniques.



# Get in Touch

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