



3D LASER SCANNER SERVICES

Fast and accurate measurements for improved decision making on ventilation projects.

**SIGRIST
DESIGN** PTY. LTD.

Sigrist Design is an Australian owned and operated company with over 30 years of experience designing and manufacturing custom ventilation solutions.

With a head office and manufacturing facility located in Queensland, dust management and air filtration products are our focus. The Sigrist Design team has experienced design engineers, sheet metal fabricators, welders and site installation crews.

Predominantly dealing in ventilation, fans, air filtration and dust collection with a majority of products being manufactured in house, we design and manufacture for industrial, commercial, building and construction markets. Our team of salespeople, workshop technicians and engineers are experienced in these fields and more than capable of tackling different and challenging design problems that lie within our diverse manufacturing capabilities.



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Laser scanning is a highly accurate method of data collection that allows engineering and construction teams to take their ventilation planning to the next level. Providing detailed information instantly, laser scanning streamlines processes for teams by revealing previously unforeseen issues, such as incorrect sizing of equipment.

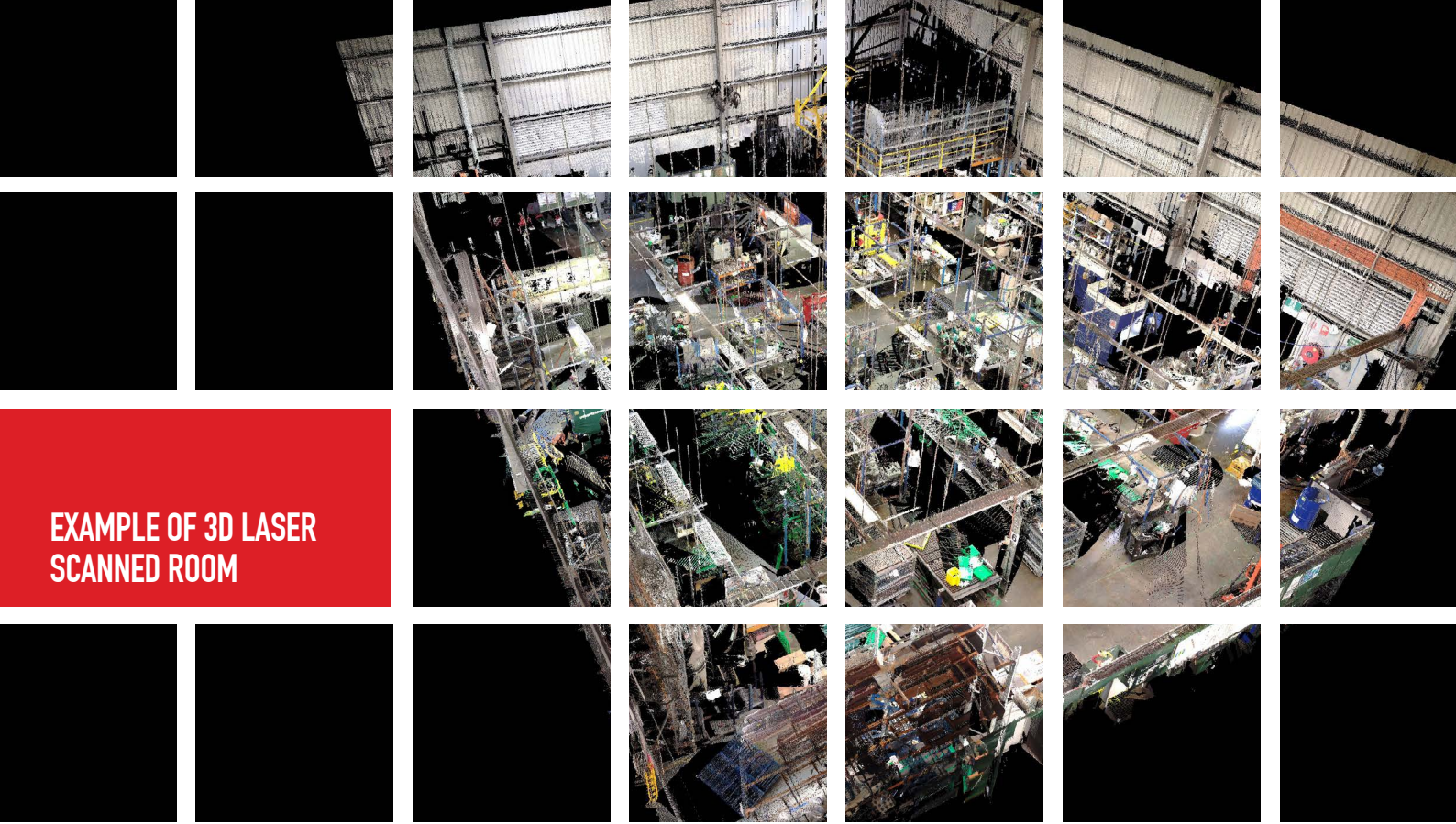
Traditional data collection can take multiple site visits, which can be costly and inconvenient. Our laser scanner services are typically a single visit of a few hours, depending on the project's scope. This provides clients with significant cost reductions at the design stage, and better ongoing workflows with reduced errors, less time-consuming delays and improved information.

Suitable for short, medium, and long-range applications our laser scanner is specifically designed to provide accurate indoor and outdoor measurements. It offers advanced functionality, increased distance, angular accuracy, and range for high quality measurements.

Our laser scanners provide high resolution outputs to perform accurate target detection, or to capture smaller areas of interest with greater detail. We can also scan in challenging environments, with a simple set-up and functions that work around busy spaces that may be difficult to manoeuvre.

Providing efficient integration into existing software infrastructures means that workflows are provided by interfaces to suit various standard CAD systems.





**EXAMPLE OF 3D LASER
SCANNED ROOM**

LASER SCANNER BENEFITS



MANAGE LARGE AND COMPLEX PROJECTS WITH CONFIDENCE

In combination with relevant software solutions for easy sharing, you will always know what's happening with your ventilation projects.



NEVER MISS A MEASUREMENT AND FINALISE DATA ON-SITE

The comprehensive, fast and accurate capturing of everything within the scanners line of sight means that you never have to go back to site for missing measurements.



MAKE INFORMED DECISIONS USING RELIABLE DATA

With all of the information at your teams fingertips, they will be equipped to make smarter decisions, faster. Leaving less room for errors and staying ahead of problems.



REDUCE REWORK AND MATERIAL WASTE

Knowing the exact as-built conditions of your project means your designs will fit the first time. Scanning in 3D also helps to identify issues before they become costly and delay schedules.



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