

NEXT GENERATION INDOOR SCANNING AND MODELING UTILIZING ADVANCED ROBOTIC TECHNOLOGY TO PROVIDE AS BUILT FLOOR PLANS AND BIMS.

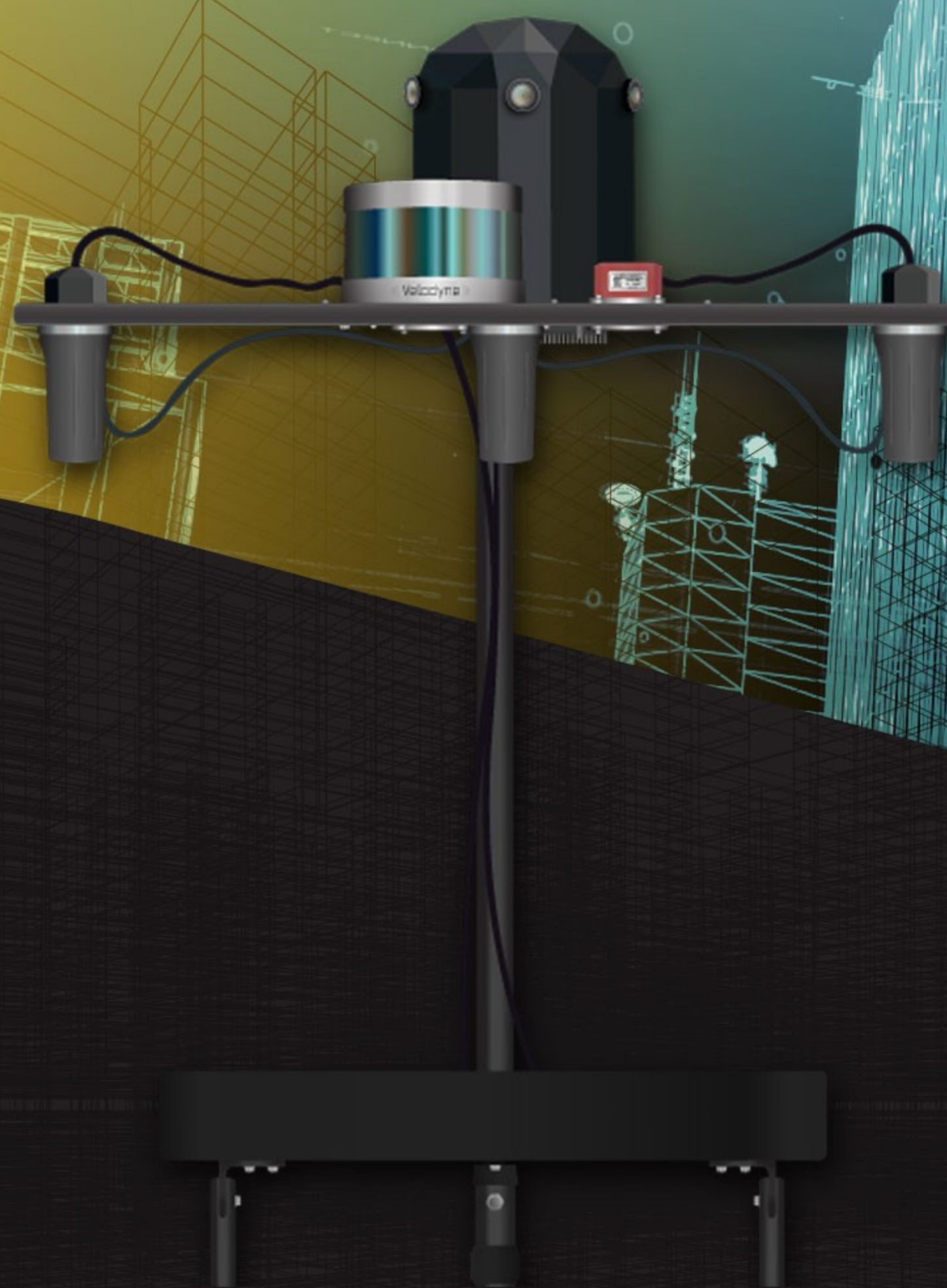
Reckon Point delivers dense point clouds that achieve +/- 2cm dimensional accuracy by using an advanced Simultaneous Localization and Mapping (SLAM) algorithm.

RECKON POINT
ROBOTIC BIM • INDOOR NAVIGATION • INDOOR POSITIONING

Call us today to find out how we can improve the speed of your Scan to BIM process by 80%.

www.reckonpoint.com

info@reckonpoint.com
(210) 988-0763



RECKON POINT
ROBOTIC BIM • INDOOR NAVIGATION • INDOOR POSITIONING

ROBOTIC BIM

80% FASTER than traditional
Scan to BIM methods.



Save time & money while
reducing human error.



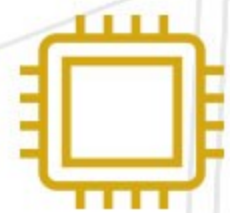
LiDAR Scanning

Our Robotic BIM solution uses an advance laser system that consist of 16 Velodyne LiDAR scanners which allows us to deliver accurate surveys.



Industry Leading Algorithms

Our Proprietary SLAM Algorithm can seamlessly piece together the LiDAR Point Cloud data in real time, eliminating the need for manual registration.



Floor Plans and BIM

Reckon Point can provide 2D and 3D CAD files in various native formats ready for Architects and Engineers to use.

RAPID SCANNING

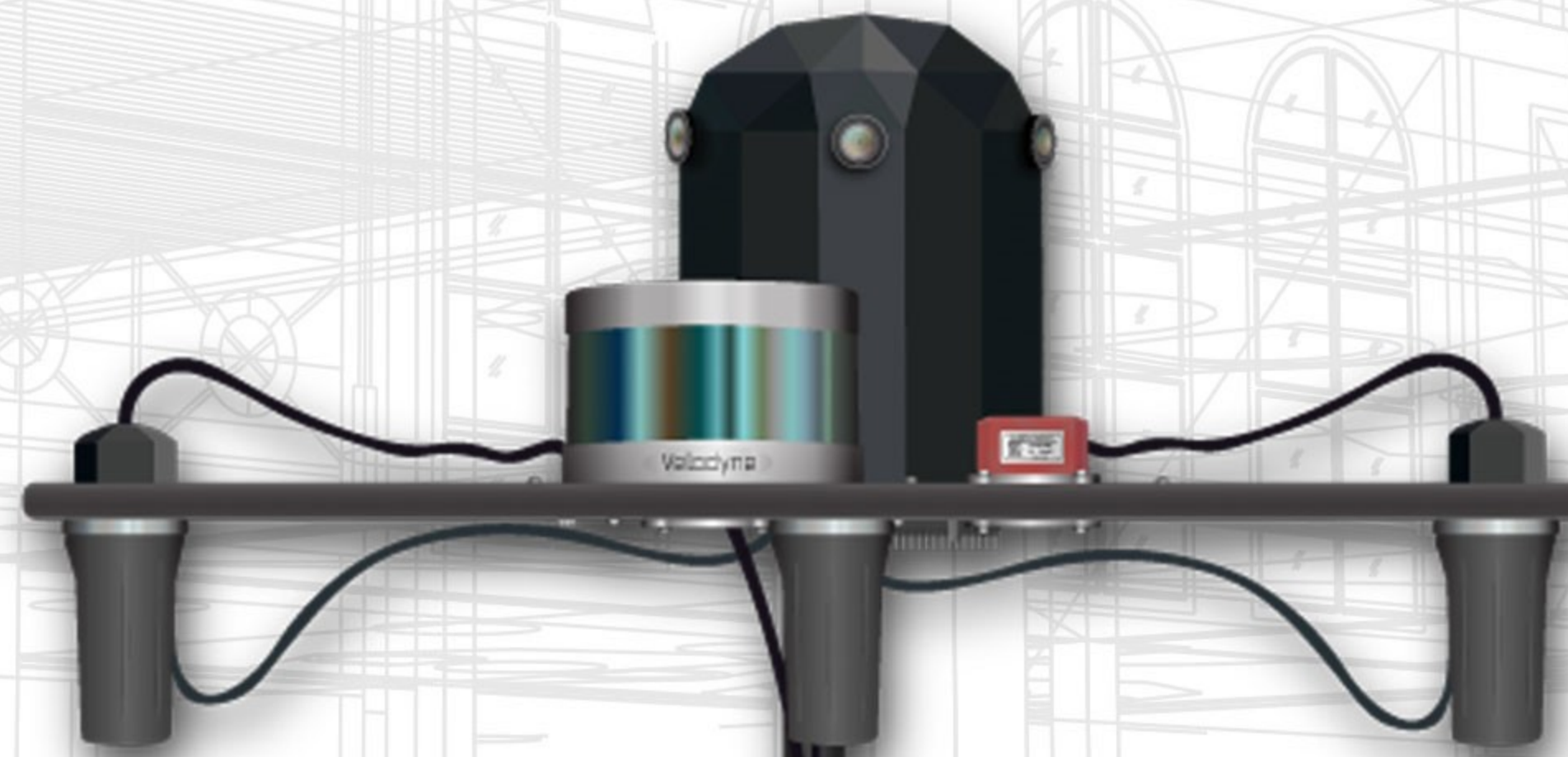
Our automatic Point Cloud registration allows us to scan up to 10,000 sqft per hour

NEAR PRECISION ACCURACY

We provide surveys within 2 CM accuracy

RELIABLE DATA

Our Robot, MIGSU, removes the risk of human error



OUR PROCESS

1. Data Collection

MIGSU rapidly scans every space in a building collecting measurements and object details within the space without disrupting operations.

2. Post-Process

Using the data collected from MIGSU, our technology automatically creates an accurate and fully registered Point Cloud.

3. Point Cloud Conversion

Using the raw Point Cloud data, we then manually build a CAD model layering it over pre-existing data.

4. 3-D Rendering

Two-dimensional CAD models are then translated directly into a 3D interface which provides incredibly realistic renderings of pre-existing structures.

Support file types:

*.rcp, *.dwg, *.dxf, etc...

Contact us today for a free estimate.

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