



# CBP REALITY CAPTURE

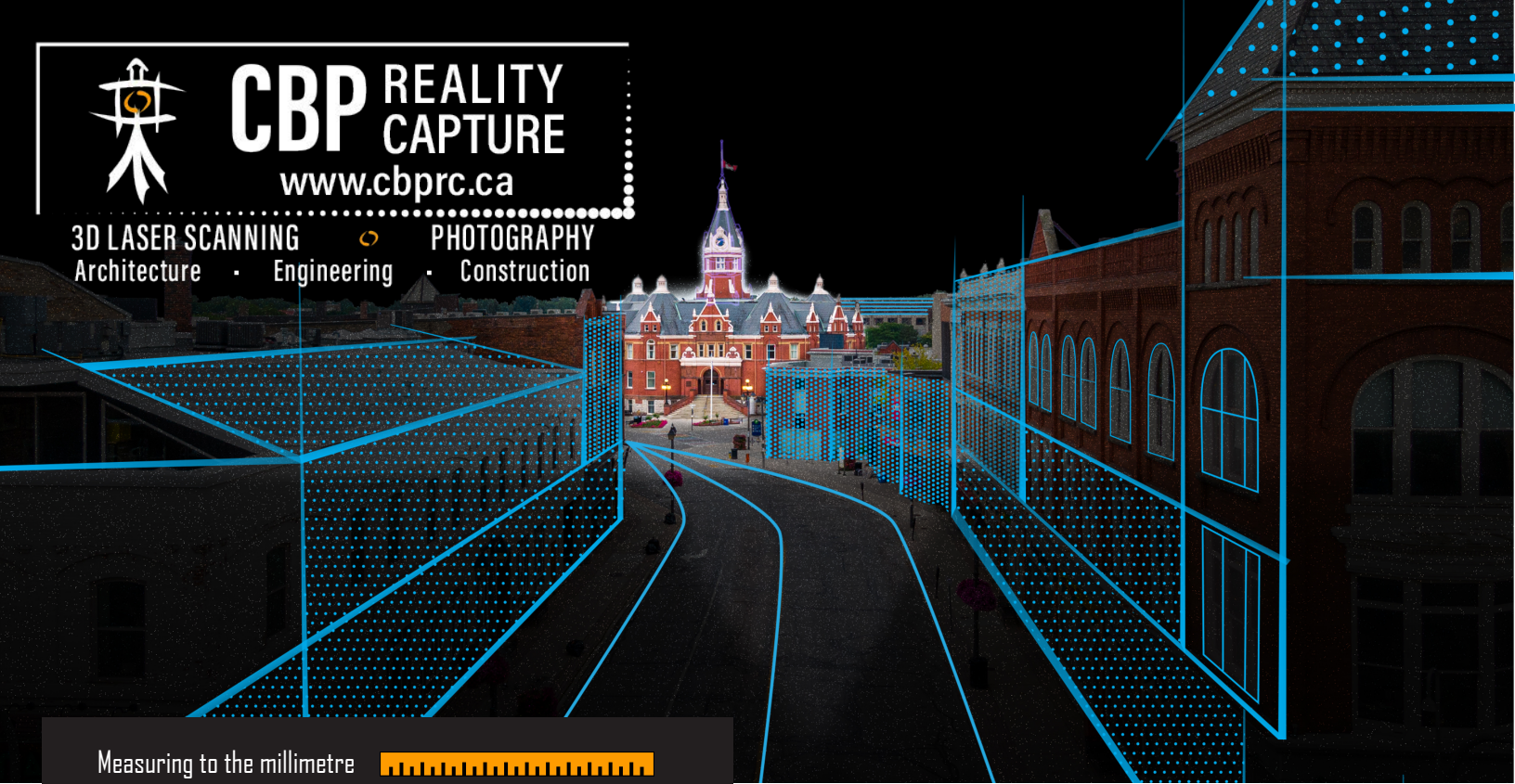
www.cbprc.ca

3D LASER SCANNING



PHOTOGRAPHY

Architecture • Engineering • Construction



Measuring to the millimetre



Our state-of-the-art 3D laser scanning solutions for Architecture, Engineering and Construction (AEC) offer a revolutionary approach to measuring, modeling and analyzing as-built spaces. Step into a realm where reality is captured with unparalleled accuracy, enabling you to visualize and analyze the physical world in extraordinary detail.

## SAVE TIME

Expedites the measuring and design process with fast, comprehensive digital scans of large areas, reducing project timelines.



## SAVE MONEY

A 3D digital twin will minimize manual labour costs and help prevent human error, rework issues and waste.



## MAXIMIZE ROI

Provides contractors, architects, engineers, and project managers a detailed model of the existing site or structure.



## AVOID ERRORS

Facilitate clash detection by overlaying CAD designs to our captured 3D digital twin early in the design phase.



## ENHANCE ACCURACY

Delivers millimetre-accurate details of the inside and outside of structures including visible MEP.



## STREAMLINE PROJECT COORDINATION

Remote, online collaboration reduces the requirement of on-site visits by all stakeholders.

## DISTINCT SOLUTIONS FOR PROJECTS OF ANY SIZE

**BiGUIDE**

Specs: 0 to 5,000 sq/ft - Accuracy  $\pm 10\text{mm}$  @ 40 m (2D)  
Deliverables: Floorplan, DWG File, Measurable 3D Virtual Tour  
Uses: Renovations, Pre-Drywall, As-Built Verification, Architecture, Construction

**Leica**

Specs: 5,000 to 10,000 sq/ft - Accuracy  $\pm 6-8\text{mm}$  @ 10m (3D)  
Deliverables: Floorplan, 3D Point Cloud, Multiple 3D CAD files, Measurable 3D Virtual Tour, BIM  
Uses: Renovations, Pre-Drywall, As-Built Verification, MEP, AEC

**FARO**

Specs: 5,000 to 250,000+ sq/ft - Accuracy  $\pm 2-3\text{mm}$  @ 10m (3D)  
Deliverables: Floorplan, 3D Point Cloud, Numerous 3D CAD files, BIM, Upload/Download Viewer portal  
Uses: Renovations, Pre-Drywall, As-Built Verification, MEP, AEC, Capital Projects

As-built 3D Laser scans create a comprehensive record of existing conditions, and are a valuable reference for renovations, fabrication, and facility management. The digital point cloud and schematic floor plans are exceptionally accurate, providing intricate dimensional verification of structures and MEP features. These are easily drafted or modeled in a variety of CAD applications.



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## PURPOSE-BUILT TECHNOLOGY



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