

**FAST.
ACCURATE.
AFFORDABLE.
PICK ANY THREE.**

SPATIAL SCANNING SERVICES



The Experts In Design-Build-Operate Solutions

UNDERSTAND YOUR SPACE.

It's your project. And to manage it properly, you need to capture and document every single detail. With BuildingPoint Spatial Scanning Services, you finally have an amazingly accurate record of your existing or progressive conditions. With this data, you're now empowered with better information for decision making, documenting as-built conditions, or even creating robust handover packages.

This powerful capability is possible through an integrated approach that combines the best of traditional static scanning, cart-based mobile mapping, and automatic panoramic photography to create a truly unique workflow and data set that gives you timely and accurate information at a fraction of the cost of traditional scanning investments.

With Spatial Scanning, BuildingPoint is able to capture and record robust point clouds and panoramic images at four to seven times the speed of traditional scanning services. Additionally, fully registered point clouds can be delivered in 24 hours or less in many cases, allowing for nearly real-time consumption of your project's conditions.

And because these techniques leverage BuildingPoint's laser scanning experience, you can expect and depend upon the point clouds and model data to be of the highest quality and accuracy.

With BuildingPoint Spatial Scanning Services, you no longer have to choose. Speed, accuracy, and affordability... Pick any three.

IT'S YOUR DATA, CONSUME IT.

REGISTERED POINT CLOUD

For teams familiar with leveraging point cloud data, BuildingPoint provides a fully registered point cloud that completely details your existing conditions. Available in both greyscale, and an optional colorized point cloud format, these point cloud data sets can be delivered in all industry standard file formats, including .e57, rcp, .pts, and .rwp/.rwi. Spatial scanning point clouds are typically accurate to within 2cm, though higher or lower tolerances can be achieved depending on the requirements of the particular project.

2D FLOORPLAN DRAWINGS

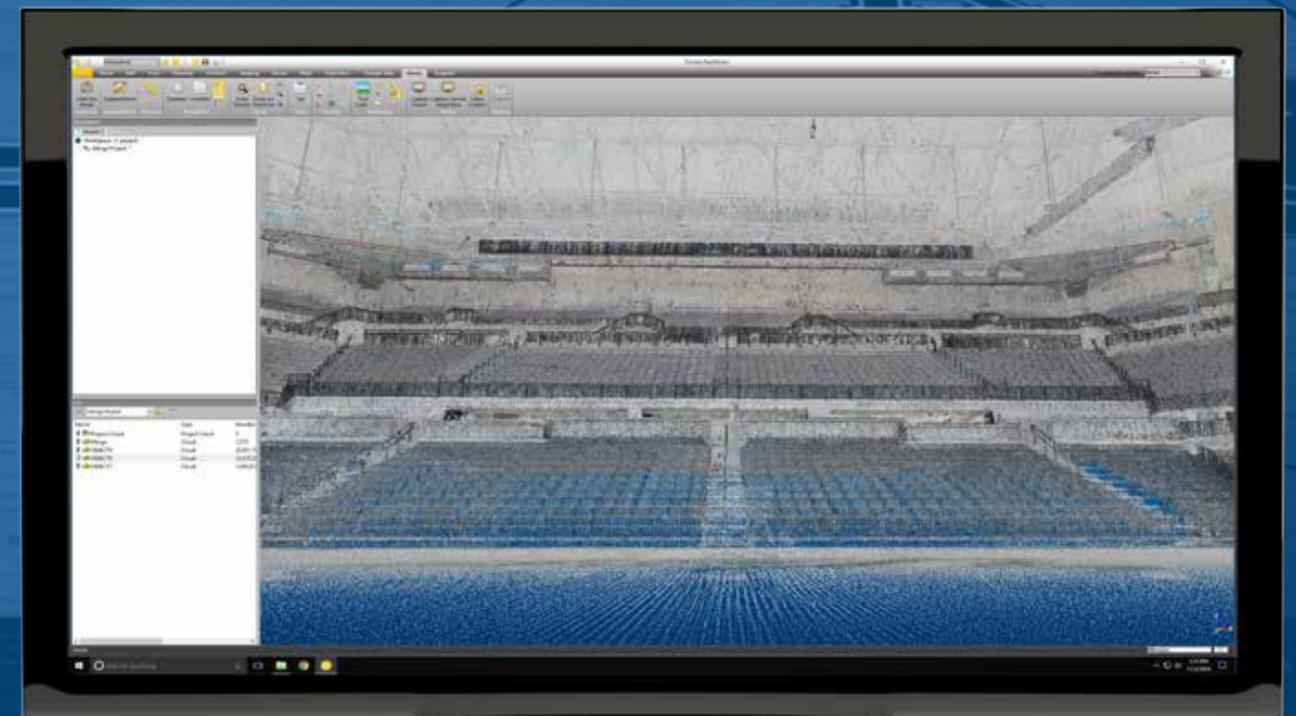
Three dimensional point cloud data is perfect for modeling and VDC visualization, but sometimes the simplicity of 2D line drawings are preferable. BuildingPoint leverages your highly accurate point cloud data to create line drawings and floorplans that perfectly reflect your existing conditions. And because these floorplans are based on the same point cloud data, you can be sure that your drawings are consistent with existing or future 3D modeling workflows.

LOW-DETAIL SPATIAL MODELING

BuildingPoint has created a modeling process that provides a low-detail, yet accurate, model for spatial awareness and collaboration. This low-detail model is perfect for remote and off-site users to leverage for simple measurements and as-built verification, and can also be used as a quick and easy tool to share across various file sharing platforms including Trimble Connect and Trimble Connected Community.

HIGH-DETAIL COORDINATION MODELS

BuildingPoint Spatial Scanning is the perfect first step towards a coordinated VDC model within existing and catch-up projects. With BuildingPoint's team of VDC managers, your spatial scanning data can be built out to include structural and trade components and elements to further realize the benefits of a true BIM workflow. From structural as-builts to advanced trade coordination, BuildingPoint's best-in-class modeling services can help you realize the full potential of Virtual Design & Construction.



YOUR COMPANY WORKS LIKE NO OTHER, WHY SHOULDN'T YOUR DATA?



With BuildingPoint Spatial Scanning Services, you're not limited to just point clouds and models. BuildingPoint has created a revolutionary workflow and best practices that can be utilized within your existing scanning workflow. With these powerful capabilities, your BuildingPoint Spatial Scanning specialist can help you take advantage of many of these computational and back-office processes within your existing static scanning workflow. From post-processing and point cloud indexing and registration to point cloud analysis and collaborative hosting, you can leverage BuildingPoint's best-in-class file and data management processes within your own organization.

This powerful opportunity means that you can move from acquisition to consumption more quickly and efficiently than ever before. With BuildingPoint, you finally have the back-office team you need to bring your scanning data to life.

GETTING STARTED COULDN'T BE EASIER

If you'd like to learn more, or to schedule a in-depth discussion, contact your BuildingPoint representative, or visit us online at buildingpointne.com/scanning. If you're ready to get started on your next project, simply fill out our short discovery form located on that page, and a BuildingPoint Spatial Scanning specialist will then reach out to review your needs and requirements and provide a transparent cost proposal.

