



A new level of analysis for the built world.

Harness the power of reality capture data by automating progress & earned value tracking, quality control, & as-built creation to build a true system of record.



Create a Plan

Avvir Accelerate

Tomorrow's confidence, today.

Streamline your entire project with our service that provides you with the tools and practices for finding, communicating, and acting on project information more efficiently. Our experts work side-by-side with GCs and Owners to help them learn and master how to use their data better.

- Instill unshakable confidence for stakeholders and your team
- Lower risk on your project earlier on
- Facilitate office and field coordination by integrating all project information

Document the Site

COMING SOON

Avvir Capture

Contextualize reality and BIM.

Use your preferred technology to capture live site conditions, including LiDAR scans and/or 360° photos.

- Visualization of photos
- Visualization of point clouds against a BIM

Avvir Onsite

Capture data with our team of experts.

Utilize our one-stop-shop for your construction reality capture needs. Our team of experts are dedicated to providing accurate and cost-efficient onsite reality capture needs by employing the latest capture technology.

- Stationary and mobile LiDAR as well as 360° photo/video walks
- Post capture services that include Scan to BIM and Scan vs BIM analysis



Track Production

Avvir Progress 4D

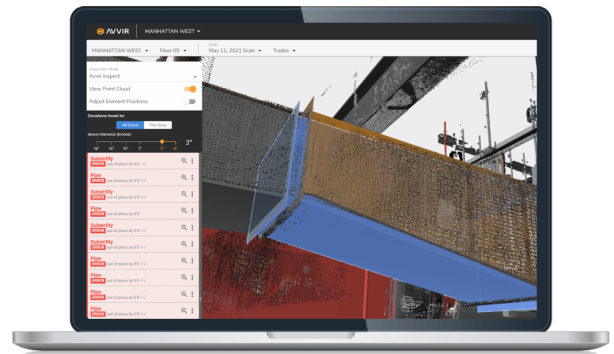
Avvir keeps your team on the critical path by objectively quantifying your projects' progress compared to schedule. Our algorithm statuses each and every BIM element as-built or non-built based on comparison of the point cloud data or 360° photos to the BIM models.

- Quantify progress by trade or area against project schedule
- Ensure teams are on track to meet milestones and turnover dates
- Benchmark trade partner performance

Avvir Progress 5D

Avvir tracks installed value against scheduled progress for each line item in your team's work breakdown structure or schedule of values. Use this insight to validate budget and cash flow all within our platform.

- Enable fast and confident pay apps
- Manage cash flow effectively to reduce the risk of project delivery and handover
- Track progress with the context of schedule and cost
- View schedules of value with earned value calculation



Assess Quality

Avvir Inspect

Identify discrepancies between design intent (BIM) and reality (point cloud) to uncover potential issues in the field.

- Proactively uncover issues and coordinate fixing them
- Automate the production of your as-built models
- Identify critical areas of risk
- Automate QA/QC for any project, trade, or area

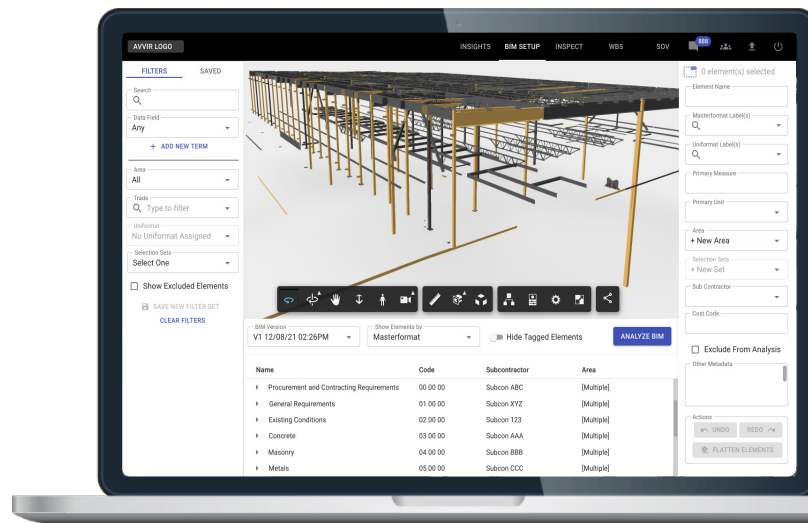
Unify Project Data via BIM

COMING SOON

Avvir BIMbase

Build enriched BIMs that are available to anyone, anywhere. Our “SQL for BIM” enables you to powerfully filter and group BIM elements based on intelligent parameters. Find similar elements by metadata or geometric shape and quickly apply takeoffs.

- Real-time cloud access to your BIM with no seat restrictions
- Automatically compare BIMs and carry forward metadata you’ve added from one version to the next
- Ramp up the pace of field coordination via your BIM with mobile statusing and progress tracking



“We are going down a path with Avvir that a few years ago we never thought was possible.”

Vincent Marquez
VDC Manager
Swinerton Builders