Increasing ROI With Spectar on the Jobsite
Are you able to **consistently deliver** projects on time?

How quickly can your journeymen **get the latest change** from the BIM team?

How often do your craftsmen **go back for rework**?

Spectar is innovating how construction companies build. We empower companies by helping their teams bring actionable BIM data to the field through AR so they can build right the first time around.
Bringing AR to the Field is both an operational and strategic decision. With so many construction technologies available, you’ll want to understand how AR ranks among these opportunities: how it works, what it can do, and what conditions need to be in place for a successful roll-out.

Let us show you how we can give you a competitive advantage by implementing Spectar into your existing construction workflows.

Do you know how implementing AR will affect your organizational value?

Wondering if the benefits outweigh the deployment efforts?

Unsure about how to quantify safety risks?
What is Construction AR?

Augmented Reality (AR) is a big change in the construction industry. The new technology allows construction teams to manage workflows and build in new, innovative ways.

Imagine your journeymen and foremen wearing the HoloLens with the Spectar Field App. As they turn on the HoloLens device, they’re able to see the BIM model at a 1:1 scale with 1-inch accuracy. Changes that took place just minutes ago are synced to the BIM model so that everyone on the jobsite can work with an updated single source of truth. What will you be able to achieve with this new technology?

With AR on the jobsite, field teams can utilize accessible BIM information to reduce their time spent with tape measures and blueprints, detect problems before they happen, and coordinate across trades. Ultimately, construction AR helps your teams build faster and improve quality to bring long-term value to your business and your customers.
How It Works

Spectar’s Head Mounted Display solution enables field teams to work on the jobsite heads-up and hands-free.

Our software connects to Microsoft’s HoloLens, which is safety certified for jobsite use, along with the latest equipment. The HMD can be connected to your teams’ hard hats.

By leveraging the Head Mounted Display, construction teams will experience no interruptions as BIM engineers can upload their work in minutes to the Spectar Cloud for the field team to access while on the jobsite. Field workers can then use and project the 3D BIM models against the on-site build to validate installations and identify issues.
Why Spectar is a Safe Bet

Our solid background in construction and extensive industry expertise enables us to integrate Spectar into your existing workflows without causing any delays or extensions to your processes. With hundreds of sites under our belt, we’ve got the expertise to help you safely and successfully implement Spectar and scale across your entire organization.

Our OSHA-10 and Six Sigma Certified CSMs work alongside your team to develop an implementation strategy that maximizes the value of construction AR for your team, your customers, and shareholders, while at the same time ensuring safety on the jobsite. Partnering with Spectar means you’ll have access to expert knowledge, training, and resources to drive AR adoption and ROI.
How We Integrate into Your Workflows

BIM

With VDC teams continually under increasing pressure, we find a way to work within your BIM execution plan. We will help you get acclimated with the AR technology, so your VDC team can better communicate engineering intent with the field team.

FIELD

We work directly with your foremen to address their concerns and create an implementation strategy to keep their project moving forward. Our team will enable your field team to increase productivity and improve quality with onsite training and support.

OFFICE

We strive to transform the way you build by helping your teams learn faster, work smarter, and be more innovative. Our team will work with you to build and drive an ROI plan so you can confirm business value in 90 days.
Bringing AR to the Field

1:1 3D MODEL

With actionable BIM information on the field, your field team can visualize the BIM model at a 1:1 scale, allowing them to spend less time translating 2D plans into tasks.

SPEED

BIM engineers can upload their work in minutes with our secure, Microsoft cloud-based processing so field workers can stay updated on-site.

MODEL POSITIONING

Eliminate steps with Spectar’s optimized technology and workflows to promote the highest level of accuracy possible. Our repositioning tools provide field workers the ability to quickly adjust the placement, enabling them to build better.

META DATA

Metadata is included in your BIM models and can be displayed by selecting objects.
We’ll be with you every step of the way, from onboarding your entire team to scaling AR across your enterprise.

Our Customer Success team is dedicated to helping you get the best return on your investment.

Spectar supports your teams through a results-driven strategy that focuses on your specific use cases. Based on our expertise in the construction industry, we have developed an AR adoption methodology to ensure your team understands how to use the technology efficiently and effortlessly.
How Spectar Delivers ROI to Your Jobsite

Our Customer Success program is built around your specific needs and applications, with a focus on safety and empowering you to deliver ROI faster and smarter. We’re your biggest champions.

Construction Expertise

Spectar was built from construction. We understand your applications and use our industry experience to build a solution that delivers measurable ROI. We're OSHA certified and committed to jobsite safety.

A Proven Track Record

Our proven implementation methodology is backed by thousands of successful construction technology site deployments with a combined 25 years of experience.

Delivering Value Faster

Team effort ensures a plug and play setup so you can deliver value in the shortest possible time. We don't leave your site until your team is trained.
How Spectar Delivers ROI to Your Jobsite

A Successful Launch Plan

Start building with confidence by getting your project on track. We will help you scale with speed and provide a smooth transition to accelerate your product adoption.

Accessible Support

The Spectar team is always ready to help you. Our experts will provide best practices on streamlined processes, on-site demos, jobsite visits, and technology troubleshooting.

Entire Team Onboarding

Our train-the-instructor model will help your teams manage the deployment to ensure launch and beyond.
Keys to Success

1. DEFINE THE OBJECTIVE
Your company has goals. Integrating AR is not one of them, but surely safety and productivity are. What do you want to achieve by implementing Spectar? Are you looking for a digital process? Are you interested in having 4th period apprentice to perform an application currently done by a journeyman? You have the answer.

2. GET LEADERSHIP BUY-IN
Companies are unlocking the potential of AR in the field and finding innovative ways to transform their processes and people. In order to successfully implement AR in construction, executive commitment to innovation and leadership buy-in are key.

3. START SMALL
We’ll help you identify the application with the biggest ROI opportunity and train a crew to start seeing results and learning how to build with AR in your organization.

4. BUILD TRUST
Before we expand to the rest of the team, we want your best people to get comfortable with the AR technology first to build trust and ensure adoption.

5. ITERATE
We’ll work with you to set specific goals that will help you scale applications as the goals are achieved.
PuBG, a successful online multiplayer game played around the world, wanted to build a cave in its new offices. The company wanted difficult angles, geometric shapes, and a roof at different elevations, which created a complex build.

This complex build was risky as it required accuracy and left little room for error. Luckily, complex measurements and angles are a great use case for AR, and Spectar’s team is trained to plan for and address risk at every step of the process.

Spectar helped the BIM team upload the model to the Cloud and bring it to the jobsite. With the HoloLens displaying all of the building components at a 1:1 scale, the field team could see the different elevations of the roof and angles of the structure so they could build directly from the BIM model projected in front of them.

**BY COMPLETELY STREAMLINING THE PROCESS AND ENABLING TEAM COORDINATION, SPECTAR EMPOWERED PUBG TO TRANSFORM THEIR VISION INTO REALITY.**
Take the Risk out of Decision Making by Selecting the Right Partner

Spectar brings field and business experience, a team to support AR adoption, and a tenacious focus on driving ROI to the jobsite. Our Go-to-Site plans are designed to offer support, training, and expertise at every step of the process, so your team can see real value as they work.

We start by working with you to outline your specific goals in rolling AR across your jobsite(s), set milestones for measuring success, and don’t leave your site until your team is fully trained and ready for a successful launch.

With hundreds of sites under our belt, we’ve got the expertise to help you safely and successfully implement Spectar and scale your workflows. If you’re looking to go beyond proof of concept, and get traction and implement AR in the field, selecting an experienced partner like Spectar ensures:

- Risk mitigation
- A scalable roll-out and implementation approach
- Industry-shaping expertise
- Financial benefits

Let's Talk

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