



ARC Design and Construction Technology

Improve project performance through a suite of tools



Productivity Suite

In a **perfect world** your company would have all the project tools, technology and experts you need for maximum productivity and profitability.

Industry realities such as the lack of easy to use project management tools, shortage of skilled staff and limited project intelligence, curtail the ability to improve project performance.

The ARC Productivity Suite fills these gaps. Use these technology solutions, automated processes and our expertise to streamline communication across teams and generate project intelligence. Improving operational workflows helps manage issues before they impact cost and schedule.

With the **ARC Productivity Suite** in your toolkit, you can design, create content, and execute on projects with confidence – knowing you have a fully-resourced design and construction platform ready-to-go.



Transform Design and Construction Productivity

The ARC Productivity Suite is a robust project toolkit that is:



Scalable

Use these tools and services – standalone or combined – on one job or many – to multiply the impact on your projects.



Comprehensive

This single-source of resources seamlessly enhances your project workflows and fills the gaps.



Smarter

Improve performance at every stage of the project lifecycle with increased intelligence – driving smarter decisions.

The power of the ARC Productivity Suite

is realized when a combination of complementary tools and services help you aggregate project intelligence to track project progress, monitor job-site conditions and proactively detect design and constructability issues.

Exponential layers of value in the form of increased productivity, shareable data intelligence and reduced costs are accumulated as additional solutions are put into use.



Technology Platform

Built to provide design and construction teams with advanced capabilities and project intelligence, the platform drives maximum performance.



Productivity Suite

Tap into this full range of eight complementary solutions and cloud technology to optimize performance throughout each phase to help ensure you deliver every project on time and under budget.



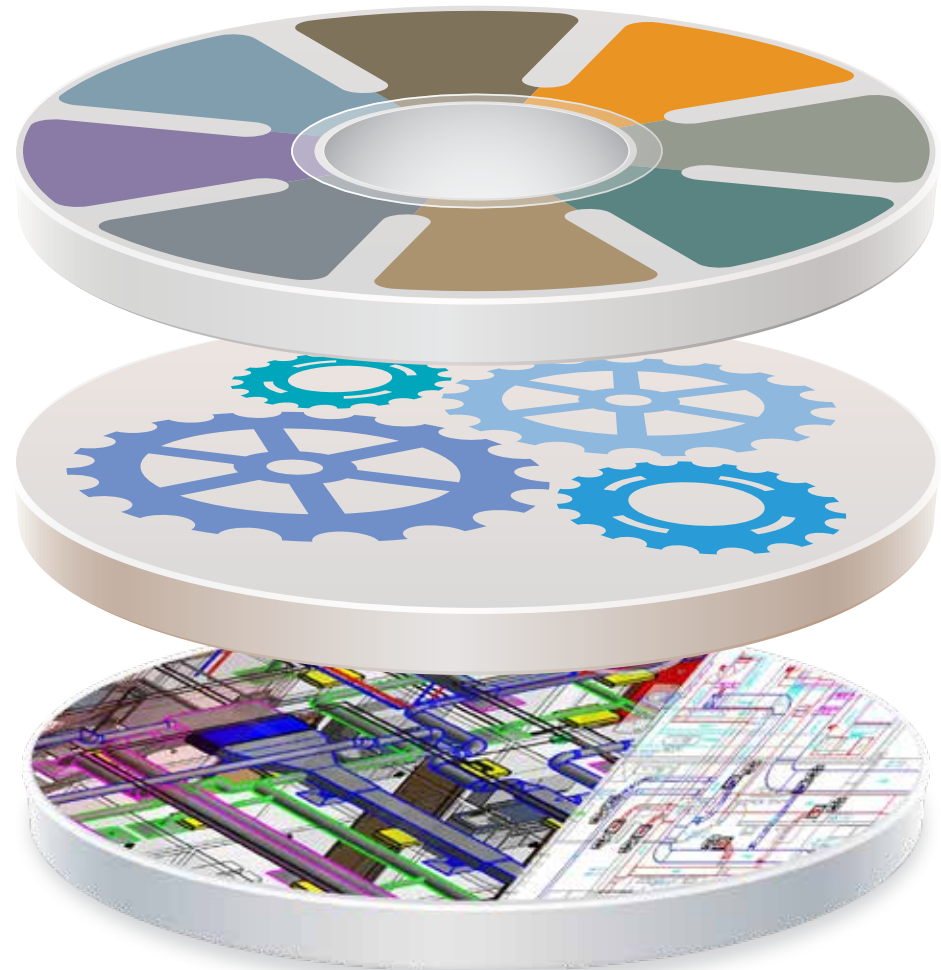
Automation Engine

Rely on automation tools, proprietary algorithms and our team of industry experts to produce rich data and insights that drive smarter decisions.



Intelligent Cloud Data

Leverage a robust repository of essential project information - anytime, anywhere, on any device - with built-in workflows that continuously generate intelligence throughout the project lifecycle and integrate with the foundational document collection.



All the resources you need in one place

ARC's Productivity Suite is designed to meet your needs from site-mapping to closeout. Everything you need and anywhere you need it, available through a single-source provider.

Ease of Use

The ARC Productivity Suite was built with the guidance of design and construction professionals. Mobile, easy to use solutions that help deliver successful projects drive our development. Step into one or more of our solutions with ease and start improving your project performance.

Fast Deployment

We build our solutions with end-user adoption as a priority. Clients quickly benefit from our rapid deployments that take hours and days – not months. We stay connected with your teams to ensure they realize the productivity gains in the near-term.

Actionable Project Intelligence

When specific project information generated from the Productivity Suite is combined and analyzed, your connected data becomes richer – informing you on proactive steps you can take to mitigate cost overruns, delays and risks.



Don't take our word for it

"We have found that over the next five years that we expect to **save about 30%** on our archiving costs."

— **John Taylor**
Sr. Associate/Controller
JCJ Architecture

"From a project standpoint, we are able to **share information across all platforms** of the project as well as produce a deliverable we can hand over to facility management at the end."

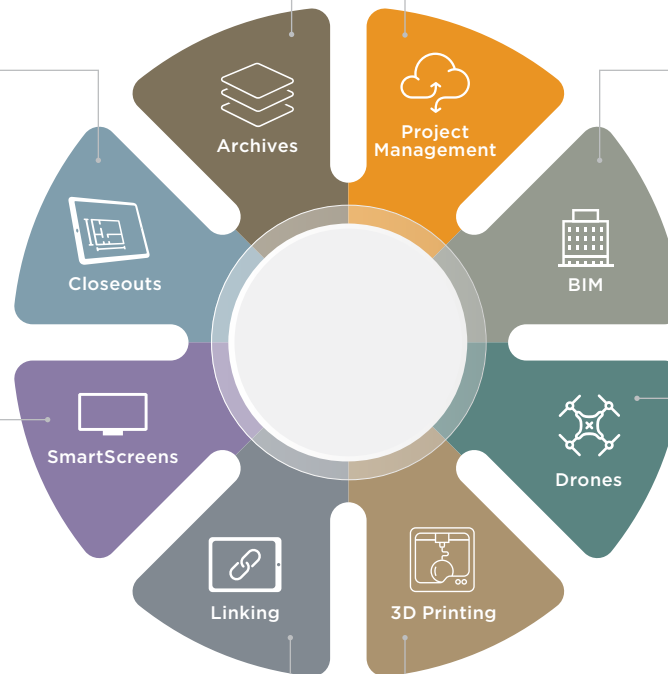
— **Charlie Robben**
Project Manager
Hensel Phelps

"**The beauty of the SmartScreen** is the ability for several development team members to interact with (touch and annotate) the software while it is running."

— **Dave Speer**
Co-Founder
Lighting Analysts

"Now that we've gone the hyperlink route, **anybody can navigate** thousands of pages of drawings in a matter of seconds."

— **John Warren**
Senior Project Manager
Clark Construction Group



"**It's the best product** for collaboration and coordination. It is like having another project manager on the team."

— **Dorothy Didion**
Purchasing Manager
Nicholson's

"We would not have been able to do this billion dollar project **without ARC's BIM production help.**"

— **Benjamin Woo**
Owner
Benjamin Woo Architects

"...In some cases we have been able to **cut inspection time by up to 80 percent** using drone technology while improving the accuracy of our data and eliminating the safety risks to our inspectors."

— **Todd Hoffmaster**
Co-founder and CEO
AkitaBox

"**We are extremely happy** with the end result. The raw material suggestion far exceeded my expectations. We will certainly be using this service again."

— **Josh Allen**
Designer
Advanced Exterior Systems

The most current project information at your fingertips

Project teams are always on the go so having instant access to the most up-to-date project information is critical – whether in the office, on the road, or at the jobsite.

The **SKYSITE Projects mobile platform** allows your entire project team to access information anytime, from any device, even without an internet connection. Manage and search your project emails, manage RFIs and Submittals, mark up and share documents and photos, and reduce risk with version control.



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Always work from the latest set

Never work from outdated plans again with our cloud-based file sharing and project collaboration tool.

Fewer mistakes, less rework

Eliminate costly mistakes with real-time sync tools ensuring everyone is always on the same page – working from the same information.

One-click collaboration

With one click, you can share the latest files, drawings, photos and document packages with your entire team in real-time to ensure everyone has the latest information.

Bring your detailed construction drawings to life

BIM teams are challenged to keep pace with Owner and Project Team demands to provide Visualization and BIM enabled design and construction deliverables.

Meet any project deliverable and schedule with BIM Services that will produce to your quality standards. Experience reliable outcomes and win more projects with CAD, BIM and Visualization services from ARC. Bring your design details to life with 3D, 4D and 5D along with our experts help to coordinate meetings.



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Augment your team

Let our 80+ BIM experts be an extension of your team. We help you plan, design and build your BIM deliverables. You can scale up your BIM capacity on demand and just as easily scale down.

Resolve conflicts sooner

Correct constructability issues early on ensuring less RFIs and other potential issues that result in costly rework and delays.

Save time and money

It has been estimated that each identified clash could save roughly \$20,000. On large projects, hundreds of clashes are not unusual.

Aerial intelligence for smarter construction

The days of hiring manned aircraft or using stationary webcams to capture progress of your construction jobsite is a thing of the past.

Reduce risk, time and cost using ARC's drone services and data to automate and optimize decision-making on the job. From jobsite monitoring and progress-tracking to site condition reviews and inspections, you now have aerial intelligence for smarter construction.



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A single source, nationwide reach

Access our network of more than 15,000 commercially-licensed drone pilots in North America.

Faster deployment and delivery

Pilot procurement and data delivery are optimized to deliver imagery and video in as little as 24 hours.

Safe and compliant operations

Licensed and insured operators fly missions under the applicable regulatory protocol required by the FAA.

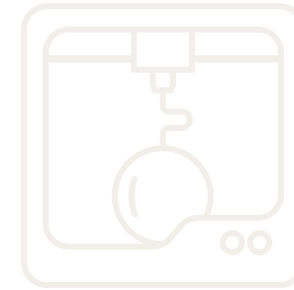
Clearly communicate your architectural design

Producing a great looking 3D printed model requires experience in output options, file healing and design to meet desired outcomes.

ARC provides guaranteed printability and design services to take your concept from a napkin or 3D file to a full color physical model. Win more projects and accelerate design cycles with high-quality 3D printing services from ARC. We deliver high-quality production, with fast turnarounds and endless material options.



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Provide your clients with a vision

Clearly communicate your 3D architectural design and increase alignment with your client and reduce rework. Differentiate your project pursuit efforts with a physical model.

Cut weeks off your design cycle

Shorten design cycles with greater flexibility to quickly experiment and present more accurate project depictions with stunning 3D models.

Best-in-build 3D printers

We use the most advanced 3D printers available. Variables like material, color, size, durability and detail play an important role and we have you covered.

A tool that gets smarter by the click

It is **extremely time consuming** to organize, index, hyperlink and maintain all the various documents associated with complex construction projects.

With **ARC**, all your files are expertly organized, indexed and linked – providing you with instant one-click access to the information you need from any device. With powerful search capabilities, you can find what you need quickly and with a discrepancy log, identify design and constructability flaws early to eliminate costly errors and rework.

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Mitigate risk

Free up time to pre-plan and detect issues early. Reduce risk and increase compliance, while meeting project budgets and deadlines.

Minimize RFIs

Our discrepancy logs will identify design and construction issues in the plan set, driving down the need for RFIs and rework later in the project.

Increased productivity

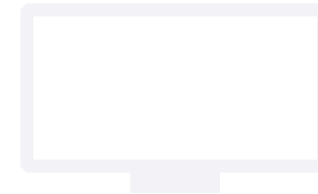
Easy-to-use mobile project dashboards save countless hours of review time – increasing efficiency and productivity for the entire team.

Improve communication with seamless team connection

With project teams rarely in the same place at the same time, working together can be a challenge. Office staff, field teams and subcontractors need to be able to collaborate and work through challenges efficiently.

With SKYSITE SmartScreens, you can bring your team together with the perfect tool to share construction drawings, schedules, and other content in an interactive way to improve your coordination meetings.

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Modernize your meetings

No need to huddle around a set of physical construction drawings, deal with cables during presentations, or use multiple tools to present, markup or share comments with the project team.

Fewer mistakes, less work

The SKYSITE SmartScreen is an intuitive tool that significantly improves team productivity and collaboration.

One-click collaboration

SmartScreens come in various sizes and are equipped with construction-grade impact resistant anti-glare glass and a heavy duty stand that also lays flat.

A better way to finish the job

The **closeout process** can be overwhelming if not properly managed through each phase of the project. The volume of documents to be collected, organized and delivered to the owner can result in delays which cost you time and money.

With **ARC's industry leading software** and mobile closeout dashboards, there is no more lost or misplaced documents or tracking down subcontractors and the administrative time associated with managing the closeout process is reduced greatly.

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Rapid closeouts in as little as 1-week

With documents continually being updated and managed throughout the project lifecycle, there is less to do as the project hits the final stages.

Deliver up-to-date as-builts

Maintain document metadata and navigational links from project inception through closeout and deliver up-to-date and accurate as-builts.

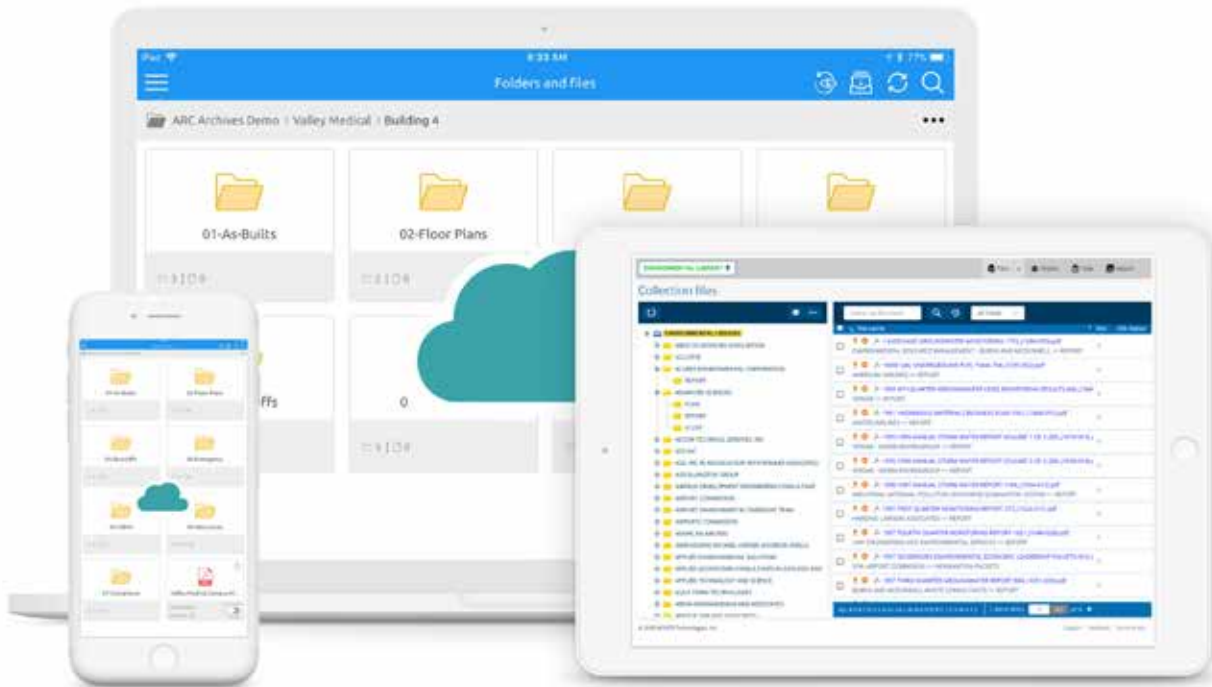
Transform project data into business value

Whether for maintenance, future improvements or legal support, building owners appreciate the power and ease of being able to search and refer to project information in digital form.

Find the info you need in seconds, not hours

With the slow and costly processes brought on by paper and decentralized workflows, your team is spending significant time conducting inefficient search just to do their job and that is a huge cost to your organization.

The **SKYSITE Archives mobile platform** captures, organizes, and centralizes all your paper and digital documents from all departments. This gives you instant access to all your information from any mobile or desktop device.



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Free from paper, free up budget

Eliminating paper expenses like printing, processing and storage frees up budget for other organizational investments.

Reduce cost, increase efficiency

The average employee wastes at least an hour a day searching for information they need to get their work done. Reduce that 60 minutes to 60 seconds.

Knowledge is profit

Every piece of information created for your organization is an investment. But, when your documents are in storage or filing cabinets, you are not going to see a return on your investment.

ARC is the #1 Solutions Provider to the Architectural, Engineering, Construction and Owner Communities

Join over **90,000 customers** that build their best projects with ARC

BURNS & MCDONNELL

Gensler

Gilbane

HDR

h+k

HP

KBR

Mortenson

PCL
CONSTRUCTION

SHAWMUT
Design and Construction

SWINERTON

Turner

Tutor Perini
Building Corp

VCC
General Contractor
Construction Manager

WT
WHITING-TURNER

WSP
PARSONS
BRINCKERHOFF

Wherever you need us, we're right there with you

With over 170 locations in North America, ARC is a trusted solutions partner capable of supporting your business throughout the project life cycle.

Whether you need us locally or nationally, we are here to contribute to your success.

Rely on ARC for rapid implementations, quick response times, and long-term support delivered by local experts.

We are focused on your organization's improvement and growth.

