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Transform your business with **data you can trust**

Imagine the possibilities when every decision is backed by reliable data

Do you **trust** your data?

Trust is fundamental in business. You strive every day to earn the trust of your clients, your employees, and your suppliers. And you know how quickly it can be eroded. It's no surprise that high-trust organizations deliver three times more value to shareholders.[1]

So, how do you become a high-trust organization?

Start by making the most of your data. Construction leaders who use data well see profits grow 50% faster per year.[2] Accurate, trustworthy data gives your teams the foundation they need to make smarter decisions. To improve quality and benchmarking. To leverage AI. And to complete more projects on time and budget—boosting both your customer loyalty and your bottom line.

Picture the impact on your business.

1. The Speed of Trust by Stephen M.R. Covey - https://speedoftrust.com/
2. https://www.autodesk.com/blogs/construction/state-of-data-capabilities-in-construction/

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Imagine if...

Imagine if you could prevent costly late-stage project errors

During a routine check, you discover an issue with the firestopping protection on your project. **Because every step of the installation was documented digitally with photos and checklists, you quickly find the cause and alert the subcontractor responsible.**

The subcontractor fixes the issue and shares evidence, with a complete audit trail, and the root cause is addressed. This early intervention prevents further, more expensive, issues down the line. You learn from the situation and avoid a domino effect in other projects.

The end result: improved traceability enables preventive, not just corrective action, creating a culture of continuous improvement.

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A fault is found with the air-conditioning units during commissioning tests of an MEP system in a new retail building. The engineer quickly flags the issue in the dedicated 3D systems model, giving the team instant visibility.

The site manager updates the schedule based on the real-time alert, helping prevent delays and the risk of liquidated damages if the retail units aren't ready on time.

The team makes fast, informed decisions to order replacement units from another supplier and start the change management process, ensuring the project finishes on time and keeping a clear audit trail for cost recovery.

Imagine if you could make real-time decisions backed by data

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Imagine if operations were no longer delayed by manual, paper-based workflows

The design team issues a package of revised drawings, and, instead of processing paper documents, **your document controller simply uploads the drawings to a central cloud-based environment that everyone has access to.**

The site manager is notified of the change and synchronizes the project on their iPad. This enables them to compare the new and old versions of the drawings. If they notice any constructability issues, they mark them up, raise an RFI, and publish their edits digitally.

The result is faster decision-making based on trusted data and greater productivity for all.

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Your commercial team needs help on a large hospital project, and one subcontractor is particularly cost-effective in the tender process. Rather than relying on anecdotal information, **the team can refer to your supplier performance data to check whether the subcontractor is a good fit.**

If the data shows a history of delays or issues, the commercial team can award the contract to an alternative bidder.

As a result, you'll appoint the supplier best suited for the project and avoid in-project delays and contractual complications.

Imagine if you could track supplier and subcontractor performance

Imagine smarter, safer, and more efficient construction powered by AI, IoT, drones and predictive analytics

Your construction sites are no longer just physical spaces; **they are intelligent environments.**

Drones capture live aerial imagery and IoT sensors monitor equipment and actual site conditions, giving your teams full visibility of progress and potential issues.

These insights feed into digital twins that mirror the project, helping detect discrepancies early, reduce rework, and keep schedules on track. AI finds patterns in the data, automates routine tasks, and flags risks before they escalate, enabling proactive decision making and driving cost and time savings across every phase of delivery.

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What's stopping you?

What's stopping you from achieving all the outcomes imagined above?
Most contractors face three big data challenges:

1 **Data accuracy and quality**

Paper records are frequently lost, inaccurate, or out of date. Your teams can't trust your data and waste precious time double-checking it, or simply don't have the data they need.

2 **Data silos**

You have accurate data, but it's locked away. Data is siloed, and different teams end up unnecessarily duplicating or recreating files. Data from different sources cannot be combined to present a full picture.

3 **Data usage**

Even with the right data, you need systems to analyze it and spot trends. Without those systems, insights are not possible.

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How can you fix it?

Connect your data and processes in the cloud across the entire project lifecycle. Automate routine tasks. Everyone involved in a project, from your internal teams to your clients and subcontractors, will be able to work together from the same live, trusted data. You will be able to capture change history, trace mistakes, and reduce time spent manually coordinating projects. This will enable your teams to deliver better quality projects, faster—while maximizing ROI.

(1) **Data accuracy and quality**

On average, 42 external collaborators touch every project from design through handover.[3] With so many people involved, the risk of inaccurate or bad data is high. A cloud-based environment keeps everyone on the same page, with real-time updates and version/revision control. Permission controls ensure the right people can enter data and access relevant information, and templates keep data clean and consistent.

50%
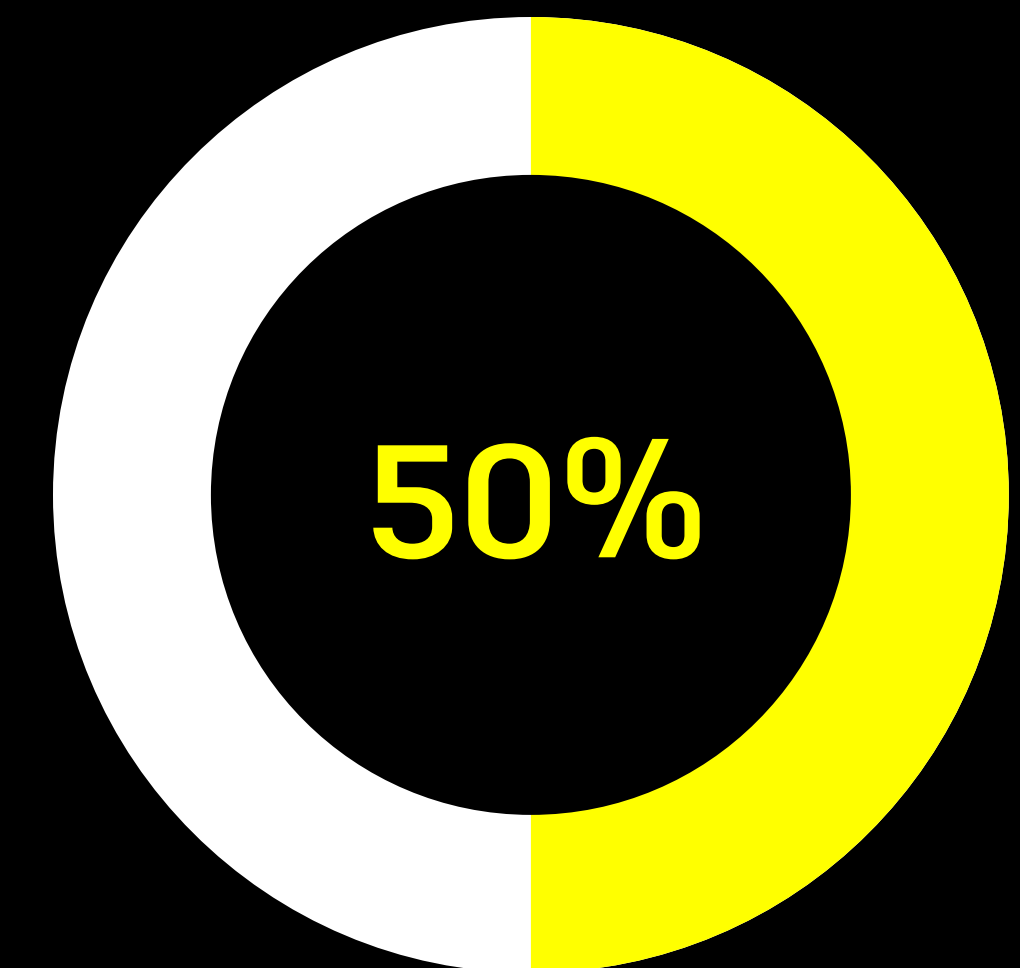
50% of construction leaders are concerned about getting accurate data to make decisions.[4]

3. State of Design and Make 2025: Spotlight on Construction Report

4. State of Design and Make 2025: Spotlight on Construction Report

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Vrolijk

Vrolijk, a contractor in the Netherlands, switched from emails and calls to a cloud-based system for all project management, from planning and design all the way through to operations. Now, 3D models are all time- and date-stamped, with drawings and documents correctly formatted and compliant with ISO 19650 naming conventions. The team has saved time and reduced risk. Working in a cloud-based environment also enabled them to react quickly to be compliant when the Netherlands introduced new legislation affecting building practices.

⊙ Learn more about Vrolijk

14%

of all construction rework may have been caused by bad data, costing $88.69 billion in avoidable rework globally.[5]

5. https://construction.autodesk.com/resources/fmi-construction-data-report/

② Data silos

A cloud-based environment connects data and processes for all involved in project delivery. This includes different disciplines such as field teams, project control, HSE, quantity surveying, and procurement, as well as design consultants, subcontractors and clients.

You'll be able to integrate design tools into your central environment, then automate processes so anyone can easily track revisions and design history. This will free your team from low-value tasks, leaving more space to focus on upskilling or creativity.

13 hours

Construction industry leaders and experts spend an average of 13 hours per week looking for data.[6]

6. State of Design and Make 2025: Spotlight on Construction Report

Careys

British specialist contractor Careys adopted a central cloud-based environment for transparency and traceability at every level of its business. Teams now link issues to assets with QR codes rather than lengthy paper-based processes. Clients join the Careys cloud, where they can raise issues such as variations, observations and NCRs in real time, and receive weekly automated reports.

→ Learn more about Careys

③ Data usage

When your data and processes are connected, you'll make the most of your data through every step of the construction process. Your teams can create personalized dashboards to track budgets and suppliers, see project progress and extract insights and audits. They will also have the necessary foundation to leverage AI to spot patterns, automate routine tasks and flag potential issues early in a project. That means they can respond faster to customers and make data-informed decisions.

More than 80%

of construction companies still have room to improve how they use data.[7]

7. https://www.autodesk.com/blogs/construction/state-of-data-capabilities-in-construction/

CPPI

Founded in 1968, Charles Perry Partners, Inc. (CPPI) is a general contractor focusing on building across the institutional and commercial industries. Committed to building better, faster, and more sustainable projects despite tightening schedules and budgets, the team decided to centralize, connect, and track all cost management activities in the same environment as project and field management tasks. By connecting these workflows, CPPI has enabled managers to quickly identify a discrepancy in cost that could cause project delays or cost overruns, allowing them to deliver 97.8% of projects on time and within budget.

→ Learn more about CPPI

Want to become a **data leader?**

Trustworthy data is fundamental to business success.

Once you and your teams can rely on your data, you'll be able to save weeks by collaborating more effectively, automating low value tasks, and making more informed decisions. Improving your productivity, budget management, project quality and safety will also extend that trust to your internal and external relationships, particularly with customers.

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Ready to do more? **Get in touch with Autodesk today.**