



AUTODESK **CONSTRUCTION CLOUD™**

CLANCY
Built on Partnership

How to Harness Construction Data to Bring 70 Years of Experience Into the Future

In the construction world, experience has always been critical to success. Today, harnessing construction data is the key to bringing that experience into the future for greater predictability on projects.

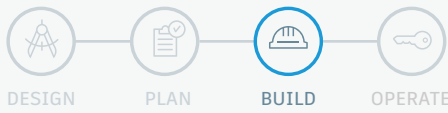
No matter how much experience you have in the industry, unless you can make sense of your data and create actionable insights, you'll be left behind by those who do. Actionable and connected construction data creates greater predictability on projects, and allows you to take digitization to the next level.

[Clancy Construction](#) is a 70-year-old construction company headquartered in Ireland. They recently undertook a successful digital transformation that enabled them to harness their award-winning experience over three generations of family ownership, to ensure their deep roots continue to grow the company into the future.

Customer Snapshot

FIRM SIZE: <500
FIRM TYPE: GENERAL CONTRACTOR
REVENUE: 2 MILLION
FOCUS AREA: COMMERCIAL
HQ: TIPPERARY, IE

PHASE:



PRODUCTS:



VALUE DRIVERS:



Anticipate Change and Adopt Construction Technology to Get Ahead of It

Construction data technology should never be adopted in a vacuum. For Clancy, the motivation to change came from several places. In 2017, the National BIM Council of Ireland released the Digital Roadmap 2021 to support the digitization and efficiency of construction in Ireland. To meet the requirements, Clancy adopted BIM 360 within Autodesk Construction Cloud to bring better quality management to their projects.

But they didn't want to just meet requirements. Instead of purchasing a single tool to solve the problem of regulatory compliance, Clancy's leadership team took a step back to look at the bigger picture. They had issues they wanted to address today, but they knew that to grow, they needed a digital transformation strategy to improve their whole business. Clancy's leadership knew that they needed to standardize on cloud technology to capture and collect construction data to improve field collaboration and management.



Use Cloud-based Collaboration and Reporting Tools

Clancy's team was exposed to BIM 360 on a joint venture. The construction project was so successful, thanks to connected data and improved collaboration, that they decided to invest in the field management software as it combined mobile technologies for on-site use with cloud-based collaboration and reporting.

With BIM 360, Clancy could take advantage of new ways to manage field processes, such as quality, safety, distribution of plans and drawings, and mobile 2D and BIM construction document access. They used a lean construction review of the company's processes to decide which problems they could solve with digitization.

Digitizing Construction Data and Processes

In transitioning from paper-based processes to digital, Clancy took a holistic approach by working with all of their departments to identify and map processes that could be digitized.

Once the processes were mapped, Clancy's leadership knew the most critical role would be to bring everyone in the company on board to ensure success with the new tools. New workflows would impact each individual, changing the way they historically worked. Keeping in mind the human impact on technological adoption, Clancy worked with their team to integrate new technologies into the company.

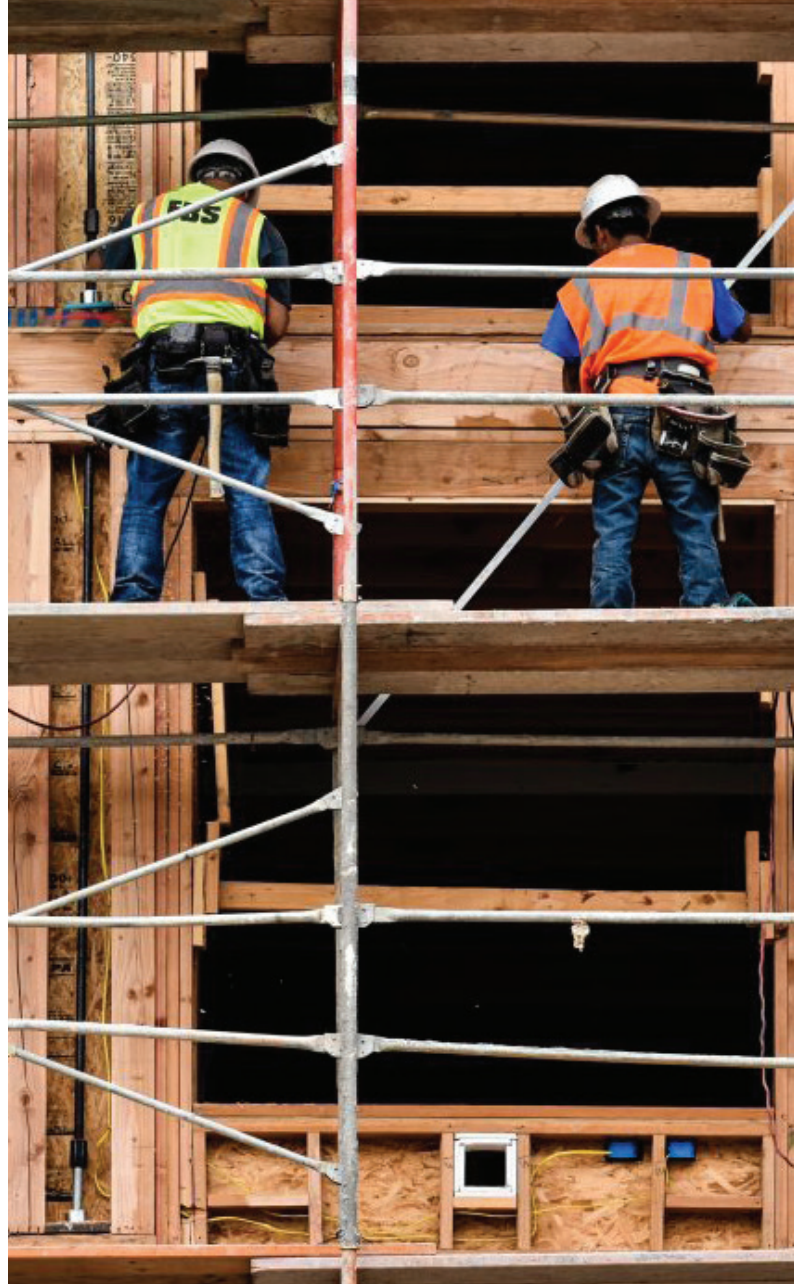
How Connected Data Improves Safety, Quality, and Collaboration

Clancy prides itself on safety, quality, and collaboration, focusing on getting projects done right the first time.

"Our motto is 'Built on Partnership,' reflecting on our value of collaboration and listening to our clients," says Aidan Maher, Contract Manager at Clancy Construction.

Quality and safety are the bedrock of Clancy's approach on the jobsite, and they maintain a zero-incident goal on every project. They operate a Grade A Safe-T-Cert safety management system, a level that few companies within Ireland comply with.

With BIM 360, Clancy can meet their high standards of health, safety, and quality.



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The introduction of BIM 360 has brought about a better system for the company to deal with quality, project data recording, checklists, and much more. The user-friendly system supports our core value of collaboration.”

-Aidan Maher
Contract Manager,
Clancy Construction



Through digital checklists, Clancy can link to Inspection Test Plans that contain all relevant material, including markups and photos, in one central repository. Having construction data in a central location also allows Clancy to comply with Ireland's BC(A)R regulations introduced in 2014. And they are able to ensure the site team has access to and are working with the latest drawings through the cloud, with a full history of all previous versions, providing transparency for surveyors.

Clancy also takes an innovative approach by utilizing QR codes to help control defects and to monitor supply chain performance. All rooms and equipment on a project can be tracked with a QR code and linked to elements in BIM 360, enabling Clancy to electronically monitor progress on things such as deliveries, installations, QA/QC processes, and inspections. They are also able to capture information to record and track defects and resolution of issues quickly.

Clancy has found the software easy-to-use and has provided leadership to encourage adoption across the project team. "The introduction of BIM 360 has brought about a better system for the company to deal with quality, project data recording, checklists, and much more. The user-friendly system supports our core value of collaboration," says Maher.

Rooting Into the Future of Construction Technology and Performance

By examining their processes and adopting new technologies, Clancy ensures their deep roots will grow into the future. Aligning their technology strategy to their overall goals, Clancy is now able to consistently capture critical project data and analyze it to implement continuous improvement across their company. With a particular focus on health, safety, and quality, Clancy explores new ways to improve operations by investing in drone and VR technology, as well as refining their current processes. With construction technology leading the way, the future is limitless for this organization.

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With BIM 360, we can meet our high standards of health, safety, and quality and focus on getting projects right the first time.”

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