

WHAT THE FALK IS FALKBUILT?

FALK

BUILT™

The Falkbuilt advantage

Cost-effective. We're unbelievably competitive. Save time on everything from the design process to freight and installation.

Speeds up construction. Our solution is installed onsite with speed and ease that'll blow your mind, shorten your schedule, and make your budget go further.

Empowering industry-standard technology. With Echo, we connect your design, engineering, and business platforms to our next-gen tech to deliver seamless solutions.

Infinite design possibilities. You dream it. We deliver it. Everything is custom.

Sustainable. We reduce waste from the design process all the way through to manufacturing and installation. Our materials arrive to site flat packed, reducing freight emissions and cost.





What is digital component construction?

Digital Component Construction is a simple offsite approach. We manufacture components that emulate stick-built construction — including super studs, digital horizontals, cladding and millwork — in a compact factory. Components then ship to site for a fast and clean install, with far fewer materials, zero dust and virtually no waste onsite. Trades follow the same install process as conventional construction but can work anywhere in the schedule, in a quarter the time, with far more efficient use of labor.

With construction knowledge, design expertise, and the power of Echo technology, Falkbuilt can create engineering accurate models that streamline the process from design to manufacturing to installation. With the Echo platform and industry-standard tools such as Revit and BIM 360, stakeholders can make changes that are updated in real time, ensuring everyone has access to the latest information — a single source of truth that drives your construction project.

Falkbuilt is digitizing interior construction.

We see a future for interior construction that's not only better for people, it's better for the planet. Our approach follows the same process as conventional construction, but along the way creates less waste and shrinks schedules. We use technology, construction expertise, state-of-the-art manufacturing processes and unwavering customer focus to create a solution that meets your needs.

We call it Digital Component Construction.



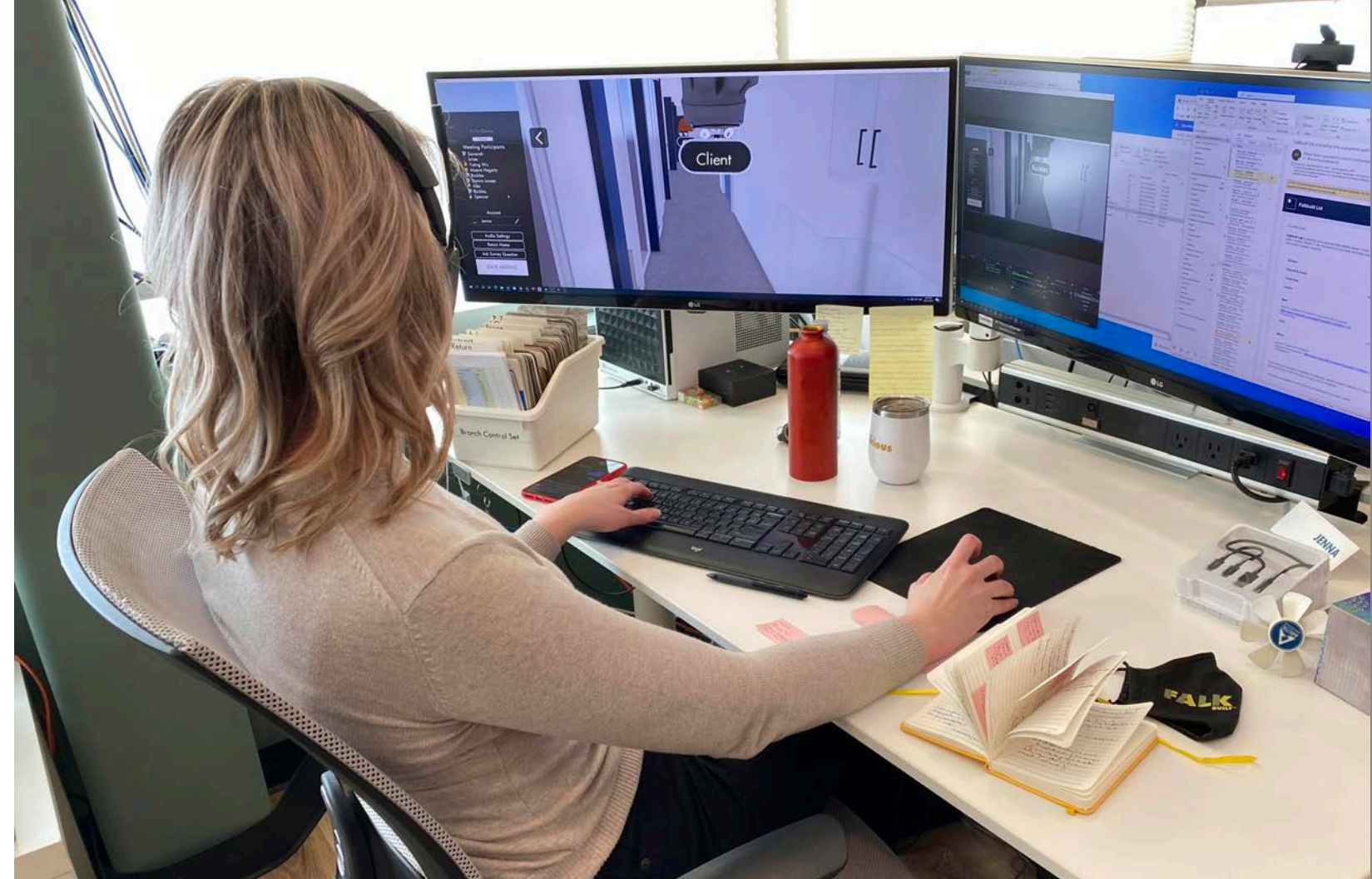
The Super Subcontractor

"If we compare Falkbuilt to conventional construction, the client might be working along with their general contractor, but they aren't meeting each individual subcontractor along the way. They are working with us on every decision, every finish, every electrical location — they have that full experience from start to finish and an understanding of exactly what they're getting."

Laura Shadow, Falkbuilt Designer

We consider ourselves a super subcontractor — a part of the team who brings construction expertise and a customer-focused, collaborative approach to every project. We work with the design team and project consultants using the same tools and following the construction process they're familiar with to save time and effort.

Every Falkbuilt Branch has access to the same support from HQ — problem-solving, design services and responsive customer service at every stage of the project.



Powered by Echo

The Echo platform provides everyone on the project with true clarity — it uses industry-standard tools like Revit and BIM 360 to create the data that drives the project through manufacturing onto shipping and finally, onsite installation.

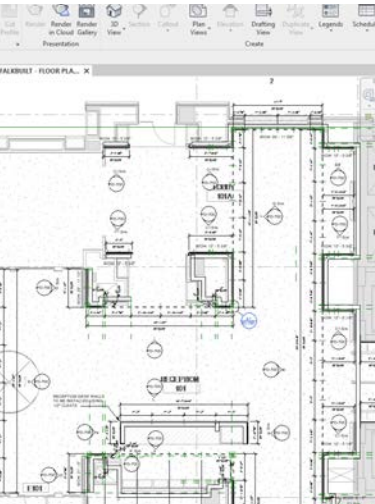
Through the Echo platform, every stakeholder on the project, regardless of location or device, can explore the design and make live-linked changes. Echo allows the entire team — architects, designers, general contractors, and trades — to work with the latest information from design to manufacturing to installation, keeping everyone on track, empowering informed decision-making and minimizing human error.



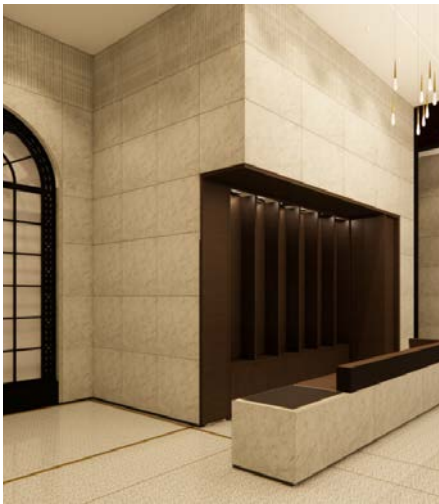
powered by
echo

Echo's Unparalleled End-to-End Solution

Echo provides the digital end-to-end solution link from design development to fabrication and installation.



Revit



Echo



Inventor



On-Site Installation

Echo is the first platform-agnostic, cloud-based, AI, end-to-end technology to take made-to-order projects and products from a client's design through manufacturing to delivery and installation.



Completed Project

Falkbuilt Design Assist Process

FALKBUILT USES A DIGITALLY FABRICATED OFFSITE CONSTRUCTION SOLUTION AND OUR END-TO-END TECHNOLOGY PLATFORM, ECHO, TO STREAMLINE THE ENTIRE DESIGN BUILD PROCESS.

Echo's cloud computing enhances existing industry standard software, whether it be Revit or BIM 360, which allows Falkbuilt to be fully integrated within the upfront design process.

We work with the design team and project consultants using the same tools and following the same construction process they're familiar with, saving much time and effort on the project.

Falkbuilt Revit families and material libraries incorporate the data required for submittals and building permit sets, while also creating a virtual environment for client design reviews. Clients make real-time changes in the VR world, reducing the time spent making design decisions.

Every stakeholder on the project, regardless of their location or device (no need for a desktop) can explore the design and make live-linked changes that Echo along the entire information stream, collectively saving hundreds of hours in the decision-making process.

All of the work exists inside the Echo platform, which then creates the data to drive the project through manufacturing in the factory, onto shipping and finally, onsite installation. Trades on the job site can use their mobile device to access the model in Echo, further simplifying a traditionally fragmented, error-prone process.

The elevator lobby below used this exact process. The overall project from design, manufacturing and install was 30 days.

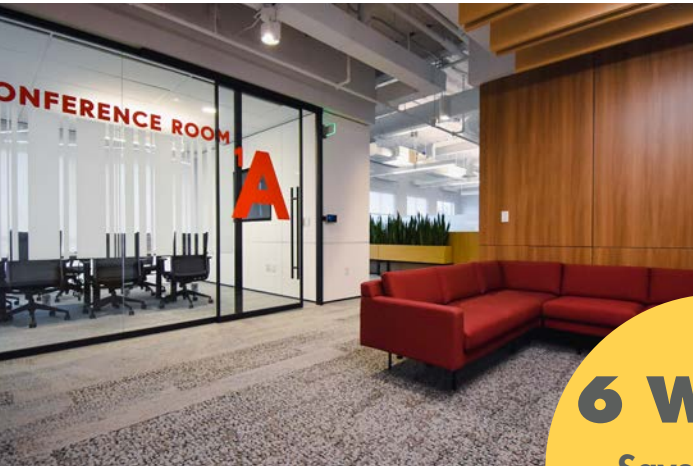


Falkbuilt vs Conventional Construction

CLEVELAND COMMERCIAL SPACE

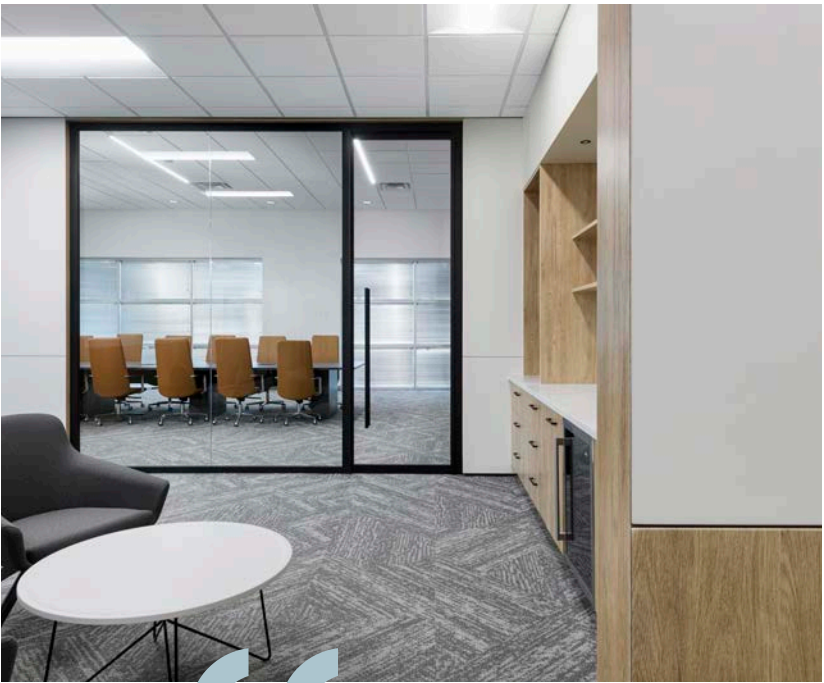
4 – floor office renovation project in Cleveland, Ohio.

Project included: Union Labor, 58,000 GSF, 10’ high solid walls, glazed walls, solid doors, glazed doors, telescoping doors, electrical and millwork.



6 Weeks

Saved on the overall construction schedule



PHOENIX INDUSTRIAL OFFICE

50,000sqft project

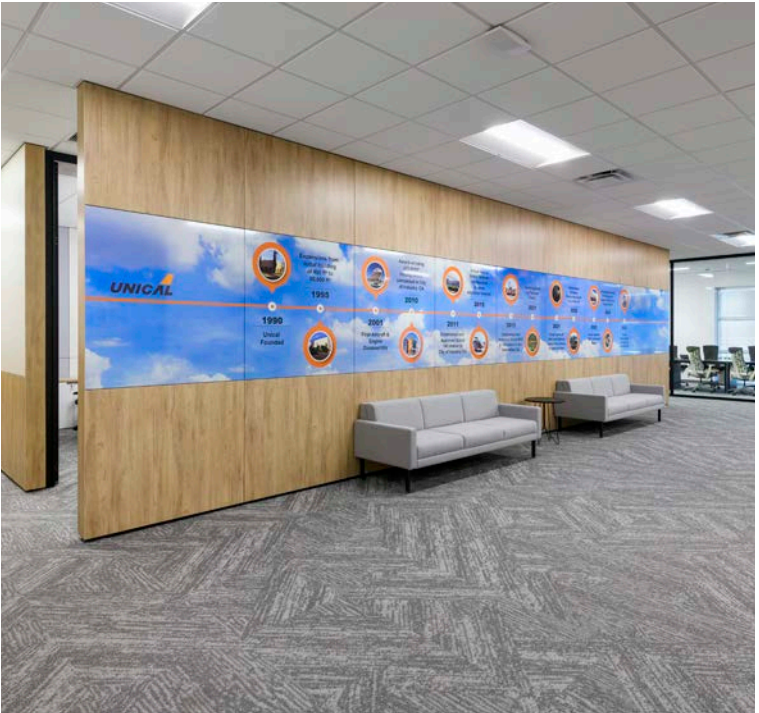
No change orders required

Ahead of schedule + on budget

90 days faster than conventional construction

“ FALKBUILT CAME INTO PLAY BECAUSE THEY COULD DO SOMETHING NOBODY ELSE COULD DO ”

- SUSAN LeGANKE
OWNER REPRESENTATIVE



Conventional \$1,773,286.00	Falkbuilt \$1,734,466.62	Over/Under Delta -\$38,819.38
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Click here to see the owner representative interview



Healthcare Project Scenarios

NICU PROJECT

- Headwall with studs that extend 14’ high to underside of deck for 47+ STC
- Integrated light valance
- Load bar with med gases, power and data back-boxes
- Embedded patient storage millwork
- Embedded monitors and integrated patient information boards

Revenue generation for schedule savings

4 weeks x 7 days x \$160K average daily per floor revenue (40 rooms)
= **\$4,800,000 savings**



4 Weeks
Saved on the
overall construction
schedule

TOWNSEN MEMORIAL HOSPITAL

The healthcare project below is expected to save **2-3 months** in construction time compared to the conventional process.

This cost time savings will equal the cost of the project.

“ **ITS A TRUE INTEGRATED PROJECT DELIVERY SYSTEM. WE CAN SAVE TIME AND MONEY BEING ABLE TO USE THEIR TECHNOLOGY** ”

- RICK GARCIA
DIRECTOR OF CONSTRUCTION



Click here to see a testimonial about time and cost savings from the director of construction

FREESTANDING PRIMARY CARE

10 Weeks
Schedule savings
over conventional
construction



Two virtually identical 10,000 sq ft MOB projects completed within 6 months with same GC & trades:

	Falkbuilt Digital Component Construction	Conventional Construction
Total construction schedule	13 Weeks	23 Weeks
GC overtime labor required	2 Days balance credited	2 Weeks
Done ahead of schedule	Overtime of in-house staff required to meet opening date	4 Days

PACU

Scope:

- 44 Patient Bays
- Normal + critical power, oxygen, vacuum, MedAir, Data, NurseCall, Rails
- Time savings

Falkbuilt Benefits:

- Time savings on cladding install: Removal of drywall inspections, mudding, sanding and painting from scope
- No backing required for future wall upgrades
- Impact and water resistant
- Reduced ICRA





How it works

Falkbuilt's digital component construction follows the same process as conventional construction — but we add tremendous speed, efficiency, and empowerment. Here's how it works:

Your Needs. Your Space. No matter what kind of space you're building out, we'll work with you to find a solution that meets your needs. And we'll turn around a detailed quote with guaranteed pricing.

Clarity, start to finish. The Echo platform brings industry-standard tools together to give you an immersive experience that lets you make design changes on the fly, helps ensure the entire team works with accurate information and allows everyone to make informed decisions.

The Manufacturing Process. We manufacture each component with precision and stringent quality control in our state-of-the-art factory.

We Deliver. When all your components are ready to go, we flat-pack and stack them for shipping. We load the truck in reverse order so the first thing unloaded at the job site is the first thing you need.

The Install. Installing Falkbuilt components takes a fraction of the time of conventional construction, creates zero dust + generates virtually no waste.

Built for the Future. You're back to work faster in an environment that serves you now but can be disassembled and reconfigured as your needs change.

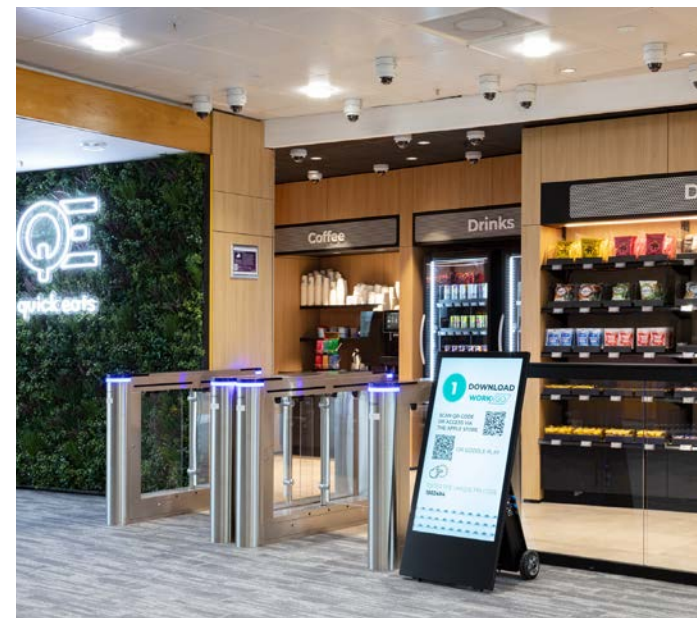




VERTICALS

Healthcare. Commercial. Retail. Education. Industrial.

- Superior acoustics.
- Infection control, including gaskets, coving, and durable, easy-to-clean finishes.
- DuraFalk + Falkskin finishes hermetically seal components, can withstand industrial-grade disinfectants + are up to the rigors of everyday use.
- Ability to hang plumbing fixtures, millwork + grab bars without extra reinforcement.
- Walls allow horizontal as well as vertical plumbing and electrical runs.
- Finishes including options for writability as well as way finding and other graphics.
- Operable walls for adaptable spaces.
- Easily integrate technology.
- Private spaces, collaborative spaces, lobbies — complete design flexibility.
- Cladding + millwork stand up to high traffic.
- In total alignment with the conventional construction process.





The Future is Digital

If conventional construction can do it,
so can Falkbuilt. If conventional construction
can't do it, Falkbuilt probably still can.

[Call your local Branch](#) and find out what we can create together.



falkbuilt.com