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Rayon > Customers > **Nolt Mathis**

✦ Construction management

Why **Nolt Mathis** canceled their AutoCAD subscription after 15 years & transitioned to Rayon

Perspective from a 20-person construction management team

Challenge

Nolt Mathis is a Pennsylvania-based construction management firm specializing in new builds and renovations for senior living communities. As the company grew to a 20-person team, managing projects with legacy tools like AutoCAD became a challenge.

Workflows were slow, documentation was fragmented, and collaboration across teams was difficult—making it clear they needed a more modern, centralized solution.

Solution

Rayon offered a modern solution that matched Nolt Mathis's speed and scale. By centralizing all drawings in a single web-based platform, the team could access and update plans from anywhere—office, home, or job site.

Live collaboration replaced email back-and-forth, while intuitive tools like wall and door placement, plus standardized templates, helped them produce and revise plans in a fraction of the time.



Nolt Mathis Project

Outcome

Rayon replaced AutoCAD entirely, giving Nolt Mathis a **faster, more collaborative way to manage projects**. The team delivers work quicker, communicates more clearly, and has a scalable system to support their continued growth.

“ We kept our AutoCAD subscription going for a while, just in case. But then I noticed —no one was logging in. Rayon gave us the precision and flexibility we needed. ”

James Mathis, co-founder & construction manager, Nolt Mathis

The story behind Nolt Mathis

Nolt Mathis Construction Management is a Pennsylvania-based firm focused on the senior living industry. Founded by James Mathis and his co-founder, the company has grown from a two-person operation to a

20-person team in just three years. As their team expanded, so did the complexity of their projects—driving the need for modern tools that could scale with their operations.



The challenge Nolt Mathis faced managing projects as a fast-growing team

As project volume increased, the team struggled with fragmented workflows. Drawings were often **stuck on individual desktops** in AutoCAD, inaccessible to others unless they were in the office. Communication between project managers, designers, and clients required back-and-forth emails, **creating delays and version control issues**. The team needed a faster, more accessible solution to meet their growing demands and allow real-time collaboration.

How Nolt Mathis uses Rayon to improve their workflow

Rayon now sits at the center of Nolt Mathis’s planning and documentation workflow. The team begins projects by importing LiDAR scans into Rayon, then layering over precise drawings that include wall structures, insulation, and more. They collaborate live—**updating designs in real-time** and sharing PDFs instantly. The wall tool, intuitive door placement, and customizable templates help the team **work faster** and maintain **consistent, professional output** across all projects.

Rayon at Nolt Mathis today

Today, Rayon has fully replaced AutoCAD in the day-to-day operations of Nolt Mathis. The team found everything they needed—**from speed to precision**—within Rayon. Their workflow is now more transparent, scalable, and collaborative. When working with external architects, they import PDFs or DWGs into in and out of Rayon. With every drawing accessible, Nolt Mathis is better equipped to **deliver high-quality work**, win **new projects**, and keep **growing with confidence**.

Book a demo to discover how Rayon can benefit your team, and apply to our design partner program for a free team trial.

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**How Rayon helps
Adrien Dupuy create**

✦ Co-living

**How Coloc Cuts
€11K/Month in**

architectural drawings x3 faster

Perspective from a 3 people design team

Feasibility Costs with Rayon

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Rayon is the fastest software to create perfect architectural drawings. Draw, specify and build, all in one tool.

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