



MORPHEUS

CASE STUDY



Efficiency Unleashed: An Integration to Elevate the Project Management Experience

Since LMC Construction (LMC, Inc.), a general contractor based near Portland, Oregon, was established in 2004, the company has been growing steadily in building residential multifamily housing, and retail and commercial structures. With a focus on client satisfaction and fostering strong relationships with subcontractors, LMC has positioned itself as an industry leader.

“The drive to be the best, and to do this integration comes from our owner and founder, Chris Duffin,” says Bryan Bilicke, LMC’s Director of IT. “We always go ‘above and beyond’ to make sure everything we do is right, and that our clients and partners are happy with us. That extends to having great relationships with our subcontractors.”

The Situation

LMC initially used a project management platform which provided good functionality but lacked robust integration capabilities around actual costs and it didn’t have an efficient contact management feature. Moreover, the project management tool’s integration flexibility hindered operations, leading to manual workarounds and process inefficiencies.

Using our former project management solution was a highly manual process that wasn’t ideal, especially for working with subcontractors,” says Bilicke.

The Solution

Recognizing the need for a more robust and customizable solution, LMC Construction explored Autodesk Construction Cloud as a potential alternative to their existing project management tool. However, transitioning to Autodesk required seamless integration with their existing systems, particularly their Vista accounting software. Morpheus was brought in to facilitate the integration process.

“With Morpheus, we can see each transaction line item that’s hitting project cost codes, and it gives a better picture of what’s going on for our project managers.”

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With Morpheus... you have a better picture of what’s going on.

- **Bryan Bilicke**, Director of IT

The Benefits

1. Detailed Cost Insights

The integration between Autodesk and Vista that Morpheus facilitated has given LMC detailed insights into actual costs. Unlike the previous setup, where only summary-level costs were available, the integration allows visibility into individual transaction line items, enhancing financial transparency and decision-making.

2. Unified Contact Management

Previously, managing contacts across different systems led to data inconsistencies and manual linking processes. Through the Morpheus-led integration, LMC achieved a unified contact management system, ensuring data integrity and streamlining processes related to vendors, clients, and subcontractors between Autodesk Build and Vista.

“This is an area that we always wanted to improve,” says Bilicke, “because our customers and subcontractors are important to our business.”

Before the integration, LMC had a manual process to link project management and accounting data, and data did not always match up. As Bilicke puts it, “We can now store our contact lists of customers and subcontractors in one place to be controlled by the financial system. As a result, we have ‘one source of truth’ for our vendors and clients in our financial system that are ‘pushed over’ to Autodesk through the integration.”

“Morpheus has been able to take us to the next level.”

- Bryan Bilicke, Director of IT

3. Automated Processes

The integration has enabled automated processes for subcontract and change order management. Executed contracts and change orders are seamlessly transferred to the financial system, eliminating the need for manual syncing, and reducing the risk of errors or delays in payment processing.

“It used to be a ‘fire drill’ at times to send a change order to a subcontractor that was found to be non-integrated and make sure the subcontractor got paid for the work they did,” says Bilicke. “Now, once a contract or change order is marked as executed, it automatically queues that change and sends it over to our financial system.”

4. Improved Efficiency and Time Savings

By reducing duplicate data entry and manual processes, LMC has experienced significant time savings and improved organization-wide efficiency. The streamlined workflows and enhanced reporting capabilities have allowed teams to focus on value-added activities rather than administrative tasks.

Says Bilicke, “By not having to go back and track down who did what by looking at audit logs, a previously labor-intensive process we used in dealing with more than 1,000 subcontractors, we are now able to save so much time by having this information readily available.”

Lessons Learned and Best Practices

Simplicity is key. Keeping processes simple and avoiding overcomplication proved crucial for a smooth integration. A clear understanding of business requirements and effective communication among stakeholders facilitated the implementation process.

“I’ve been through several integrations, and I feel as if one of the main keys to success, if you can help it, is to keep the process as simple as you can,” says Bilicke. “It is essential to have skilled and experienced team members on both the client and programmer teams who can get you through inevitable challenges. I can’t express how much time and effort we will be saving because contracts, purchase orders, and change orders will go through upon execution.

“Because our processes were simplified even though we were able to make all the customizations we needed for Autodesk, it wasn’t so complex that it was impossible to work with the integration.”

Proactive communication and collaboration are critical to the success of an integration. Frequent interactions between the LMC and Morpheus teams ensured timely resolution of challenges and alignment of goals. Transparent discussions about potential obstacles helped to manage expectations and maintain project momentum.

“Our former project management solutions provider sold and hosted a turnkey integration for us, but the processes behind it were opaque and not customizable,” says Bilicke. “With Morpheus, it was different. We communicated frequently, and I began to understand how the integration works and it was able to accommodate the few customizations that we made to the Autodesk Construction Cloud environment.”

What the Future Holds

With the successful integration of Autodesk and Vista, LMC is poised to leverage additional Autodesk features such as payment applications. LMC’s focus will be on maximizing efficiency, exploring additional integrations, and harnessing the full potential of an integrated platform.

“We are getting our feet underneath us with the changeover to Autodesk Construction Cloud,” says Bilicke. “When that is complete, we’ll see even more data that is accessible by our project managers ‘in one pane of glass’ because Morpheus has been able to take us to the next level.”

By leveraging integration solutions provided by Morpheus, LMC has addressed significant operational challenges while laying the foundation for enhanced productivity, cost-effectiveness, and competitiveness in an industry that is becoming increasingly dynamic.

WHY MORPHEUS?



**FULLY
AUTOMATED**



**COMPLETE
CONTROL**



**ENDLESSLY
CONFIGURABLE**