



# A Comprehensive Guide to **ProjectPro**

EBOOK



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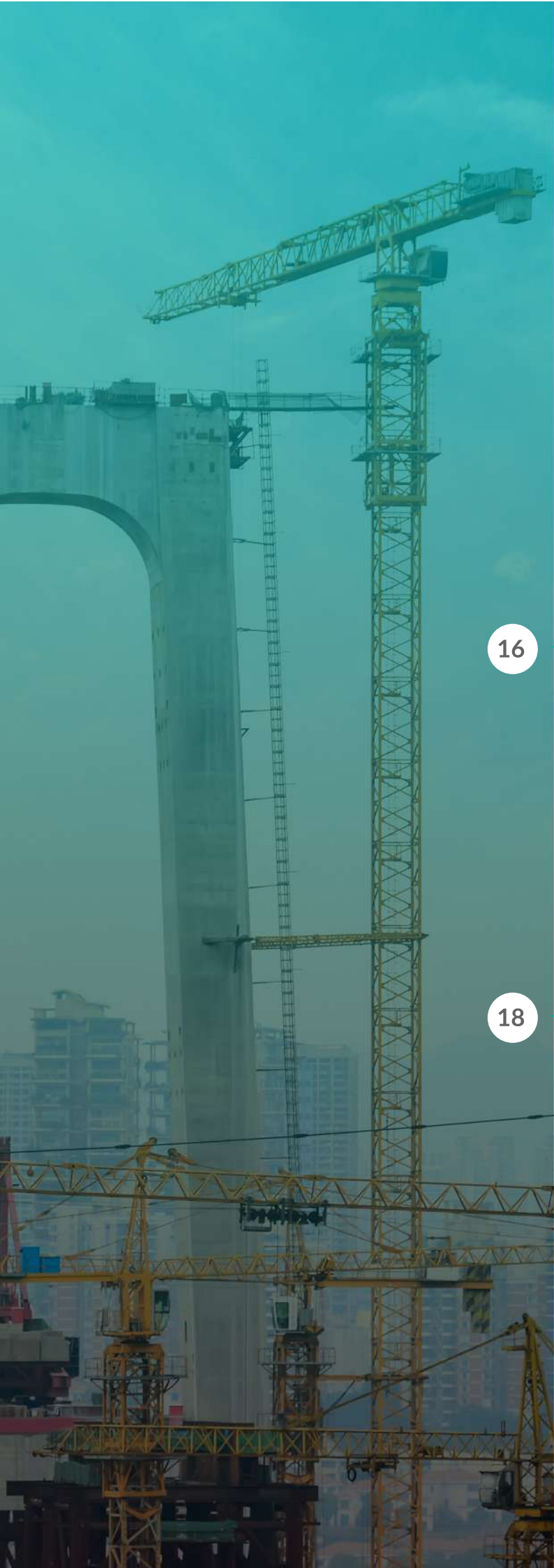
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# Introduction

The construction industry has been transforming. Undoubtedly, there's unstoppable growth and success, but there are challenges too. There are numerous potential traps in the construction project lifecycle. Project managers are accountable for keeping a site running safely, smoothly, within schedule, and on budget. Sometimes, this is a complex task.

You may also come across several approaches to overcome construction issues. For instance, sometimes slow technology adoption rates are considered one of the biggest challenges, and sometimes there are many problems, including communication, documentation, scheduling, etc.

According to researchers, 98% of construction projects come in over budget, and 77% experience significant uncertainties.

It's an exciting time for the construction industry. Growth has been intense over the past several years, with U.S. construction spending at an all-time high. Despite surviving the Great Recession, the construction industry still faces new challenges.

Construction firms are experiencing rising material and labor costs, labor woes, increasing competition, and shrinking profit margins. There are also new regulations that business owners must stay ahead of, like new OSHA rules, modifications to building codes, or the current tax reforms.

So, what is the primary factor leading to these uncertainties and budget issues, and how can project managers prepare? Here are the significant challenges contractors face while managing projects:



# Top Construction Challenges

## 1. Inefficient Risk Management Plan

Usually, construction project managers put safeguards in place for long-term risk. Short-term problems, however, typically are left out of the equation. These problems can melt down quickly and begin to have a tangible impact on the bottom line.

Whether it's subcontractors that turn out to be inconsistent, scheduling clashes, or the changing preferences of stakeholders, any minor issue could hinder the project from meeting its deadline.

Thus, it's crucial to have a solid plan. Build some sway room into schedules, and invest in safety training programs to eliminate potential problems.

## 2. Absence of Structure

With set goals, it is easier to get things done efficiently. A construction project can effortlessly fall behind schedule or run over budget (or both) if people need a precise target they need to beat. And with these goals, it is easier to hold people liable for their roles in a project.

Performance management is a crucial aspect of construction projects. They all need precise tasks to implement this and keep everyone on task. Break down more significant, project-wide objectives into smaller, daily targets for labor to accomplish.

If something is left, it compounds into the next. Keep people liable through set operations. This way, you can keep the whole project from collapsing underneath you.

## 3. Inadequate Communication

Communication is essential in any job, but it's imperative when you work with various parties.

Without transparent and effective communication, essential tasks can fall through the cracks, and the team can stay ignorant of a problem until it's too late to rectify it. Thus, project managers ought to enact clear procedures.

A clear communication ladder should keep the team informed of progress or barriers at the end of each day. This way, you can solve your problems efficiently. If in-person meetings are not a choice, using various types of software could be an ideal solution.

## 4. Poor Forecasting

Some construction clients and stakeholders may have unique demands. They may want you to complete the project on an accelerated schedule or a fixed budget; some challenges may come with their expectations.

While some things are feasible for an experienced project manager, others aren't. Working with undesired goals can hamper productivity; why drain yourself from working overtime when you'll only fall short despite your struggle?

Some of these expectations arise due to poor forecasting. Like risk management, this forecasting concentrates on the long-term rather than the short-term. Analyze those forecasts into daily, weekly, and monthly goals to see if they are achievable.

So, communicate the problems with stakeholders and provide an alternate plan so that they can see an assertive yet attainable timeline or budget. Manage expectations from the start, and you can set up a winning project.

## 5. Improper Cash Flow

Every construction business heavily relies on invoicing, which is a traditional method. And if payments get delayed, it could badly impact a company's cash flow. And a disrupted cash flow, in turn, consumes all your funds for upcoming projects and causes pauses.

Thus, systems of invoicing need to transform. With improved software and enough follow-through, construction businesses can guarantee that cash flow does not negatively impact other projects.

## 6. Unskilled labor

Construction is a reputable industry, so contractors strive to work with people they know and trust. Working with your trusted ones is the best thing, as teams that know how to work together can be highly efficient. But when there is a skills gap in the group, it could lead to inefficient project delivery.

## 7. Stay compliant with changing regulations

Technology is constantly upgrading and evolving, and construction contractors must comply with rules and regulations. However, keeping up with all that is a challenging task since several construction companies are affected by different levels of restrictions may include global compliance rules, country-specific laws, and regulations.

It's common for regulation update messages to get misplaced and overlooked in a day-to-day overflow of work-related mail. And eventually, compliance violations due to unseen changes can quickly be fateful for most companies.

It's an excellent approach to reroute regulation-related notes to a specific place where you can find them easily. Also, some people devote a part of their day to catching up with regulation updates and rule modifications.

## 8. Being on schedule

Experience does matter, and it's common for even the most acquainted experts to make blunders when scheduling if handled manually.

New technologies can be mitigated to the highest degree with diverse automation systems, project management applications for various devices, virtual task boards, etc. But scheduling jobs is one of the numerous problems that current technology and its benefits can either partially or wholly solve.

## 9. Slow technology adoption

The maximum construction industry has a notoriously terrible technology adoption pace, which has remained constant for years. Even though numerous construction business owners accepted the various benefits that more recent technologies could provide, it's still relatively standard for the technical departments of construction businesses to have relatively small funding.

A few departments and modifications are used by a lot of construction businesses, including:

- Drone surveillance
- VR/AR
- Internet of Things
- Wearables
- Robots

Ironically, these technologies are beneficial in balancing some of the oldest issues in the construction industry. As we've mentioned, one of these difficulties is scheduling. Currently, the obstacles to accessing construction are low, forming a saturated marketplace with serious competition. This competition is shrinking profit margins and depriving crucial reinvestment in new technology and better business procedures.

## How can ProjectPro Help?

ProjectPro is mainly designed for construction firms and is powered by Microsoft Dynamics Business Central to ensure you get the most out of your business software.

Netsmartz LLC has the software, knowledge, and means to provide your business with the most powerful yet user-friendly construction accounting system available using the latest Microsoft technologies.

Stay ahead of your competitors by simplifying your business processes, controlling costs, and delivering timely and accurate information.

ProjectPro can integrate your crucial job quoting, project accounting, resource management for labor and equipment, material planning, customer relationships, and more into a single database. It offers users more reliability and hassle-free management of business responsibilities and roles.

ProjectPro can be used to work on all accounting processes and take control of your organization's projects. It provides integrated data, innovative transaction processing, and powerful capabilities for generating analytical reports. It can also greatly benefit from saving the time and effort it takes to access meaningful information and improve business plans.

Get better insights into your accounting processes and manage your organization's projects smartly with ProjectPro. With ample opportunities like data integration, robust analytics, and rapid reporting capabilities, ProjectPro is all that your construction business needs to reduce time and effort in making the right business decisions.

Trust in ProjectPro to streamline your day-to-day business operations and to help you monitor your business performance.



## Capabilities of ProjectPro

- **Inadequate Communication**

ProjectPro, a project management software in construction, has added the ability to create job quotes based on packages (templates), bid items (job segments), and tasks.

The advantage of job quoting over stock sales quotes is that you can build assemblies of labor, equipment, items, and subcontract entries behind a bid item. Also, easy-to-use job quote templates allow you to see the scope of work, take off segments, and vary information.

Experience smooth access to job quote reports with our Microsoft Dynamics ERP software, ProjectPro.

## • Job Purchasing and Procurement

ProjectPro provides job/project purchasing capabilities that enable users to purchase directly for jobs. Inventory may also be consumed against jobs for items maintained in your warehouse.

Job purchasing may include retention accounting—the addition of the purchasing of entry types of G/L Accounts, objects, and resources. ProjectPro uses resources on purchase orders for subcontract work as well.

## • Job Material Planning

ProjectPro provides job material planning capabilities that enable users to track actual materials and resources vital for jobs. Now users can manage what specific items are required on the job by “required dates.”

You can run Job Material Planning based on a particular job or across numerous active jobs simultaneously. Inventory may also be consumed against jobs for items maintained in your warehouse.

## • Subcontract Management

ProjectPro provides the most suitable construction project management solutions for tracking and controlling subcontractors through Business Central.

Users can manage subcontractor contracts, change orders, work performed, retention values, lien release waivers, pay-when-paid, and certificates of insurance.

## • Timesheets

The timesheet functionality of our construction accounting software, ProjectPro, enables recording the resource hours. These records are sorted according to the day. Moreover, timesheets need sorting through jobs or resources, and the user can copy the same from one week to another.

## • Project Management

ProjectPro provides the project management tools necessary to plan and execute construction projects. It permits you to control and manage budgets, budget changes, change orders, contracts, labor resources, vendors, and subcontractors, all at the task levels.

## • Progress Billing

The progress billing feature could help you manage bills based on unit consumption or lump sum contracts. ProjectPro is a Construction Accounting Software that enables users to bill their customers based on the project's progress.

## • Payroll Integration

Automate your payment process with payroll integration and keep your construction business competitive. ProjectPro, a construction accounting software, offers multi-channel payment integration, allowing you to integrate with potential payment solutions like ADP, Paychex, Payroll NOW, Paylocity, and more.

## • Certified Payroll Report

ProjectPro advanced job labor enables users to post labor daily from time sheets through job journals and then prepare integration for either Business Central Payroll Solutions or export to your favorite payroll service.

The Advance Job Labor module enables users to create specific burdened rates to charge to the job daily. This module provides immediate job costing of labor and productivity of your workforce while still maintaining access to the labor entries to either share with your integrated payroll solution or export for outsourced processing.

- **Contract and Change Orders**

ProjectPro enables users to create contract lines within job tasks for billing milestones or progress billing of the contract values.

Once a job or project is assigned, contract lines represent "Bid Items," "Pay Items," or "Schedule of Value" entries.

## Industries that can Benefit from ProjectPro

- **General Contractors**

Simplify your complex business tasks with robust accounting software designed for general contractors. ProjectPro is a smart and easy-to-implement solution to achieve your productivity and profit expectations.

- **Commercial Contractors**

Improve your risk management plan and run your construction business in coherence with ProjectPro. Powered by Microsoft Dynamics Business Central, ProjectPro provides a better way to manage subcontractors, procedures, and resources.

- **Heavy Highway/Civil contractors**

Drive to the road of success and experience an increase in revenue with reliable civil construction software. ProjectPro is an all-in-one construction software that helps to improve project management related to highway development through improved budgeting and project planning tools.

## • Electrical Contractors

Improve your project effectiveness and workflow with ProjectPro.

When you need to manage all the costs and resources associated with electrical projects in construction, we bring you essential dexterity.

## • Mechanical Contractors

To manage your mechanical project within the set budget and resources, try your hands on an innovative platform, ProjectPro. Let us help you avoid unwanted stress while working on your project data with our project management and accounting software.

## • Roofing Contractors

Scale your roofing business and increase profitability with the best contractor software that streamlines your construction accounting process. ProjectPro allows you to gain control of your roofing projects with our construction project management technology.

## • HVAC Contractors

Accomplish your HVAC project goals with ProjectPro, a robust platform that helps to streamline your projects and achieve your project goals within the set time and budget.

## • Earthwork Contractors

Want to stay ahead of technology goals and deliver excellence in your earthwork projects? ProjectPro brings you the best of Microsoft Dynamics Business Central to meet the changing needs of advanced construction.

## • Paving Contractors

Streamline your budget and project activities with ProjectPro, a robust platform for paving contractors. You can experience the finest construction management for your paving business needs.

## • Kitchen & Bathroom Remodeling Contractors

Step up your accounting and project management practices with ProjectPro. We help kitchen & bathroom remodelers with centralized management and optimized project control that will help you thrive, not just survive.

## • Flooring Contractors

Is your flooring business lacking operational efficiency? We've got you covered. Easily manage your flooring jobs through ProjectPro, where we bring you the power of Microsoft in the cloud.

## • Solid Surface Countertop Contractors

Meeting the unique demands of your clients using robust software for solid surface countertop business can take time and effort. That is when ProjectPro comes into play.

Adhere to your revenue goals from the initial phase of construction to completion with ProjectPro. Get essential accuracy throughout the project, from bidding and estimates through job completion.

## • Remodeling Contractors

Add value to your remodeling business sales and get maximum cash flow with ProjectPro. ProjectPro is a reliable software that allows project management and accounting solutions to scale your business needs.

## • Utility Contractors

Utility contractors can retain workflow for maximized productivity with an all-in-one construction accounting software, ProjectPro. Manage all costs and resources associated with construction utility projects with precision and agility.

## • Mining Contractors

Always align your budget and time estimates with the mining contractor's software. ProjectPro is a trusted software that takes your mining business to the next level of success with our construction project management technology.

## • Petroleum Contractors

Manage complete petroleum equipment projects, from the initial build through a comprehensive servicing of your customer with ProjectPro. We help you attain your business goals with our software tailored to your petroleum construction company's needs.

# 04

## Who we Help

## • Operations Manager

As an operation manager, we understand your pain in managing the payroll task efficiently. We have developed an all-in-one solution, ProjectPro, to make construction accounting easy. It is designed to meet all your unique job and construction payroll requirements so that the correct data updates to your payroll software or 3rd party payroll service.

## • CFO Project Accounting

ProjectPro is the way to project and financial success. Every CFO project accountant wants to stay on top of project revenue, so using ProjectPro can ensure accurate profit reporting.

The ultimate objective for any CFO is to ensure financial visibility in business with improved profit margins and enhanced monetary control. And you can achieve this with ProjectPro.

- **Accounting Firms**

ProjectPro is one source of information that helps accounting firms to eliminate multiple spreadsheets, apps, and systems. ProjectPro allows you to manage all your finances with easy reporting for your CPA Firm. It is error-free, accurate, and real-time.

- **Executives & Owners**

The ultimate objective behind using construction software for owners/executives is to gain command of current projects and drive business opportunities.

ProjectPro brings you industry-leading Dynamics 365 Business Central technology that automates all your processes and gives you all the time you need to cultivate more projects.

- **Project Manager**

ProjectPro automates your tasks related to construction to help project managers access all the real-time project data, from initial budgeting through project forecasting and revenue recognition.

- **Service Managers**

Switch to a construction accounting and project management technology, ProjectPro curated explicitly for service managers. Experience a new way to manage service tickets or job work orders for field and service operations.

- **Surety Agents for Surety & Bonding**

ProjectPro is a robust construction software that provides necessary information for your Surety and Bonding Agents. It ensures that you always have real-time access to your construction project data.

# 05

## Conclusion

Do you find your construction business operations to need more efficiency and accuracy?  
Do you need help to keep up with the demand you're experiencing as a growing business?  
ProjectPro is all that you need.



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## About ProjectPro

ProjectPro is a division of Netsmartz LLC global group of companies. ProjectPro is specifically designed for construction firms and powered by Microsoft Dynamics 365 Business Central to make sure you get the most out of your business software.

Stand out of the league by streamlining your business processes, controlling costs, and offering timely and accurate information. ProjectPro holds the potential to integrate your crucial job quoting, project accounting, resource management for labor and equipment, and much more all in a single database.

With integrated data, intelligent transaction processing, and robust analytical and reporting capabilities, you can reduce the time and effort it takes to access meaningful information necessary to make good business decisions.

[REQUEST A DEMO](#)