



What steps do you need to take
to improve construction
project quality?



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Introduction

The three vital requisites for a successful construction project are cost, quality and time. Clients are happy when the contractors are able to achieve a good balance of all three as it results in project success.

Moreover, what leaves a long lasting impact is the quality of the project. Everything else like forecasts and budget don't matter when a project's quality is up to the mark.

To build a cost-effective building that is easier to maintain and operate is the hallmark of excellence in itself. Hence, the credit for best outcomes goes to delivery and design teams for construction projects.

Therefore, to generate repeat business while navigating an increasingly complex construction landscape is important more than ever now. Thus, the team has to deliver high quality and grow their clientele while bringing a complex project to life.

For projects to be successful, each phase of a construction project is important and can be quite critical for successful outcomes. Hence, deploying technology can assist with adhering to quality parameters before it turns into the finished asset.

Software applications such as [project management capabilities](#), scheduling software, document tracking can result in effective management of data collection. This is the reason why construction technology adoption will nurture quality and minimize defects as the focus is on delivering superior outcomes.

Steps must be taken to improve design, planning, resource allocation and deliver each member of the team superior quality tools to build better and enrich the construction industry.

How can you optimize planning?



Technology has transformed all stages of the construction ecosystem. Digitization is leading to the creation of power tools that are helping industries to design, plan, and execute projects on time. Planning is more important than it was ever before.

As construction managers deal with the added pressure of meeting timelines, dealing with productivity issues, and improving costs, along with handling complex projects- the need for construction software increases greatly.

Today, the need for construction Enterprise Resource Planning (ERP) software is greatly felt across construction businesses of any size. The construction-focused hardware can eliminate many difficulties that are felt by construction owners.

Right from sharing project information to compiling all data can now be entrusted to software that can save precious time.

Automating tasks like bookkeeping and time-consuming tasks like hours spent on spreadsheets before can now be handed over to ERP software.

Also, construction projects are increasingly becoming expensive and complex and manual processes are error-prone and to stay competitive taking the digital route is a wise decision.

With the help of new construction technologies, collaborating with the team that is working remotely has become so easy! Contractors can now track project progress, and collaborate digitally with the on-site team in a world that is still reeling with the ongoing pandemic.

But, one thing is clear that construction businesses that refuse to deploy software tools for digital collaboration will be left behind in times to come.

This is why ERP solutions like ProjectPro, powered by Microsoft Dynamics 365 Business Central and with two decades of construction proficiency are helping contractors plan ahead, stay competitive and resulting in added productivity.

To help companies navigate the construction landscape, effective deployment strategies have to be in place. What's more, a construction-specific advanced solution like ProjectPro is sure to reap dividends and can help you optimize planning.

So to remain productive and increase profitability, construction businesses are quicker on technology uptake now than they were a decade ago. Whether it is monitoring on-site productivity, or seeing technology as a necessary tool creating value in work processes, a significant shift has happened in the construction arena.

Therefore, it will be crucial to examine the features of the construction tools that you will invest in and whether or not, it is eliminating the challenges you are facing. Thus, it's time to take stock of business data and check how your ERP software is improving construction project profitability.

How to streamline operations with construction Project Management Software?

To make a project profitable, a contractor needs to have tabs on every process. Monitoring each aspect of the process becomes easy with a construction project management solution.

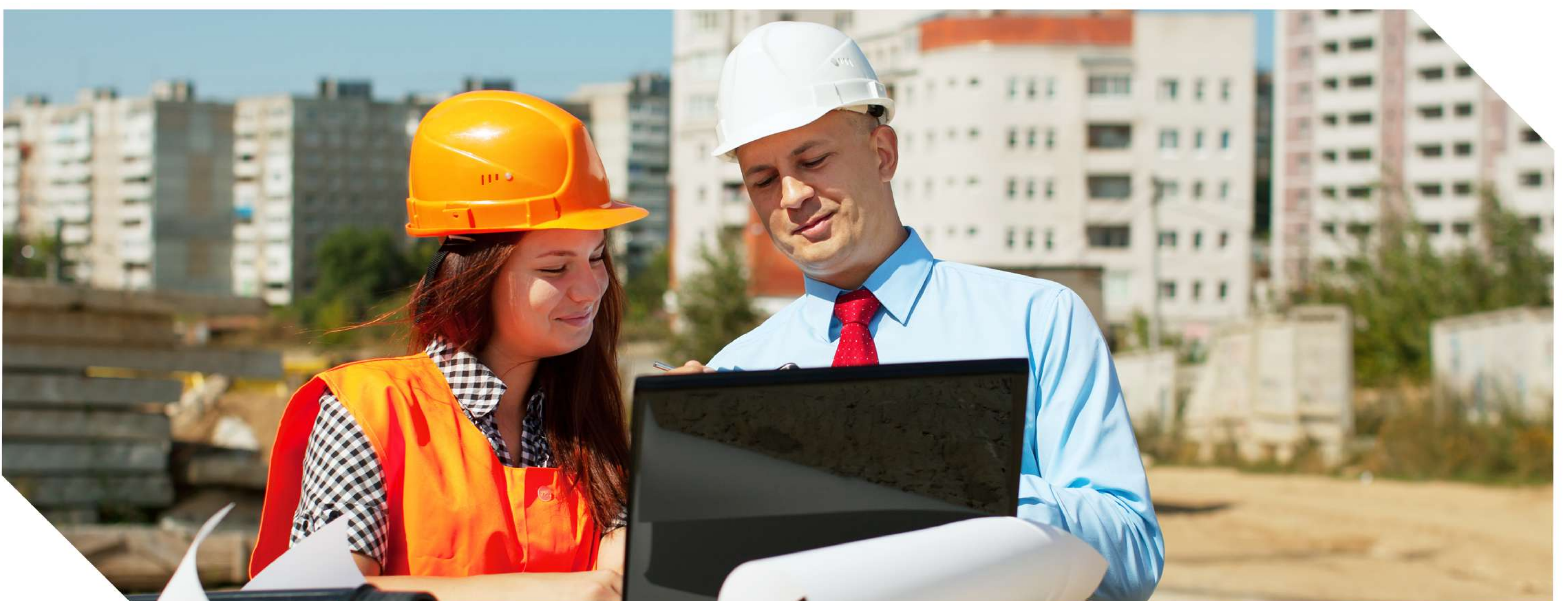
Whether it is dealing with the distribution of tasks and assignments, or tracking project progress of various sites, this has always been a challenging aspect for any construction business.

With ERP systems keeping monitoring assignments, timesheets, [payroll processing](#) all becomes quite simple.

Contractors can make informed decisions of assigning key tasks to the right resource, creating milestones, and get project progress insights by getting real-time data is a feat in itself. Therefore, automation is a key factor to take your business to new heights.

An ERP can fulfill the need to manage schedules, direct tasks, and assist in supervising projects by allowing you to manage your time per project at all times.

Project stakeholders then have the necessary information that can help them evaluate current processes. One can always evaluate the requirements against the current resources.



Therefore, streamlining a business may be both overwhelming and challenging at the same time but doing so ensures profitability and great returns in the future.

When companies switch to technology, return on investment is a crucial concern. As construction project management software can be a significant investment and utilizing it to reap maximum benefits is something that businesses should deploy to boost profits.

Thus, project management capabilities of software like ProjectPro with Business Central can streamline construction operations and result in strengthening control over your projects.

Steps to improve Project quality

Here are a few steps to improve the project's quality:

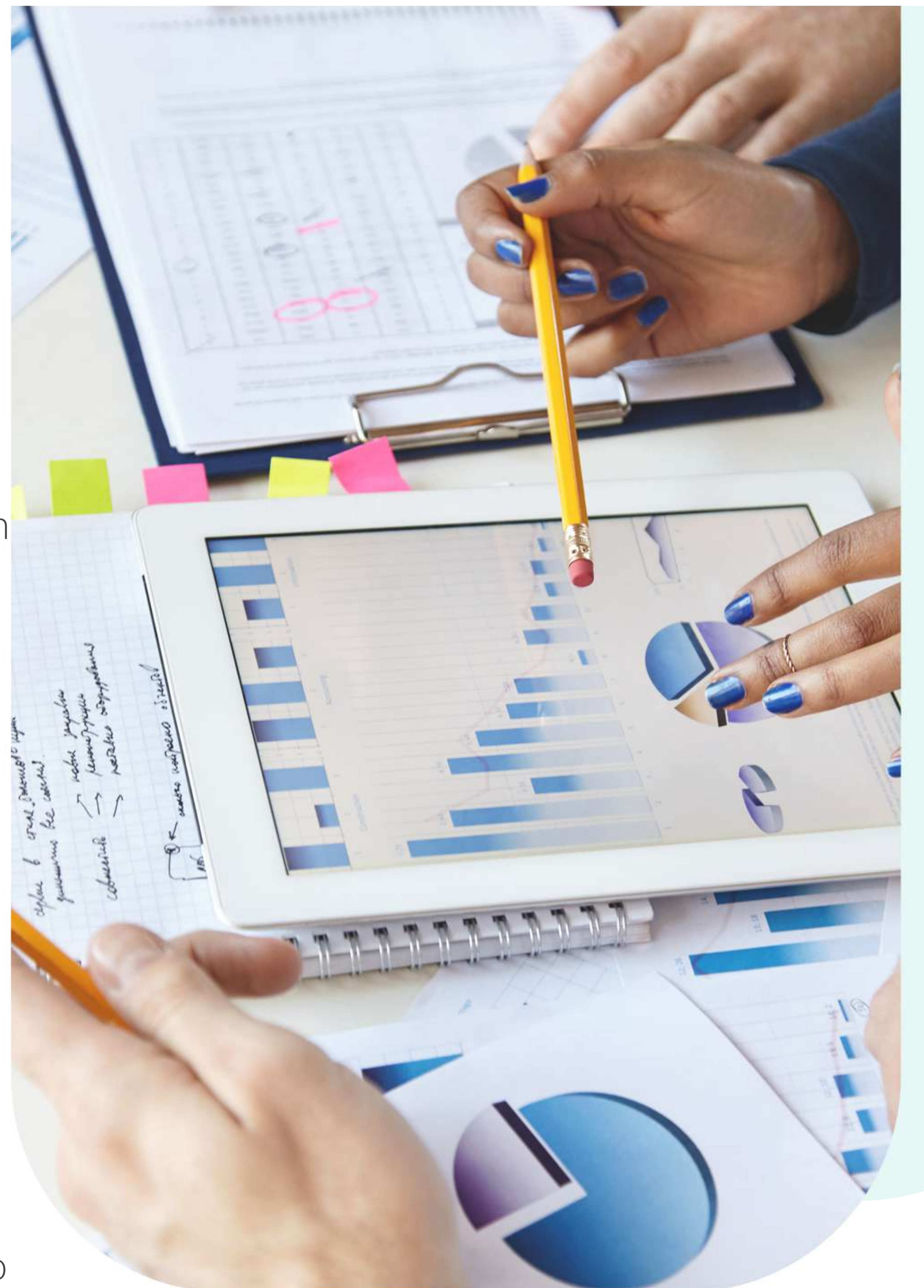
1. Make sure that the quality is at par

When it comes to construction projects, quality of resources, materials and services matter quite a lot. Make sure that all industry standards are met and focus on customer-centricity. Your team should ensure all regulations, technical specifications and requirements are met timely. This must cover the inspection process where the work is approved and the quality plan meets the expectations of all stakeholders involved. Other than that there should be periodical review of the plan so that there are no errors or mistakes.

Subcontractors and contractors should be managed as there is a shortage of skilled labor and each stage of the project should be open for review.

2. Transparent Inspection Process

Having a methodical, consistent and comprehensive approach to inspection ensures that quality parameters are met. So when inspection happens, the team can ensure all details are adhered to.



Thus, creating a process for third party inspection ensures all quality guidelines are followed by project managers. It also provides assurance that the inspection process is smooth and contractors can ensure visibility and strengthen control over projects. When the processes are transparent quality standards are met by the project teams

3. Keep a Checklist ready

For inspections to happen smoothly, it is vital to keep a checklist ready. It should cover all details and verify all items by elucidating what type of work will be covered in the project.

Keeping the inspection criteria in mind and evaluating what all needs to be inspected, contractors can plan better results. When there is a checklist you can organize and ensure better quality and it is a powerful tool to achieve compliance. When the team is aware that their work can be audited and it has to meet all objectives, they work towards meeting specified criteria.

4. Resolving defects and highlighting shortcomings

To ensure project quality you have to highlight flaws and define a process that can establish a yardstick to measure quality. Reporting of issues like the flaw in design, what faults need to be encountered can lay the foundation for course correction.

Thus, notifications on the software system or mobile apps can let someone in the project team to address such issues at the start of the project and it has to be re-inspected whenever the situation demands it.

Hence, highlighting shortcomings, due deliberation on part of stakeholders so that it can be closed and approved is of significance. This helps in early discovery and streamlining the operations to maintain quality.

5. Quality Performance and Reporting

Reporting is a crucial aspect when it comes to maintaining quality as manual processes such as spreadsheet and bookkeeping can make it a tedious task.

Having a summary report accessible through software can help you keep check and balance and leave a positive impact on your bottom line.

Make sense of data, get actionable insights to make better construction decisions and avoid quality issues when you have access to all reports on a dashboard. This will help you supervise closely and will fix issues related to quality as all workflows can be easily monitored with the help of software.

6. Focus on Quality Improvement

For a construction firm, focusing on continuous quality improvement for customers, clients, contractors, construction professionals is of utmost importance.

It is always better to track documents, keep tabs on quality and inspection plans and modify processes to incorporate new issues related to specifications and design is important to be future-ready. This also results in superior outcomes.

7. Actionable Insights and Project Analytics

To keep operational problems at bay a contractor should be able to compare estimated costs and current projections along with project progress. By keeping a record of every detail of the project one can keep an eye on each aspect to take immediate action when needed.

8. All-in-one solution

Good software can help in assessing job mishap planning, cutting unnecessary costs, managing inventory, and facilitating business transactions is the best bet for construction owners.

ProjectPro too carries out financial statement analysis, analyzing transactions, or planning taxes. In addition to this, it can process certified payroll reports and even work on tasks related to WH-347 Reporting, AIA Billings.

So when choosing a solution it is always better to opt for construction-specific software as it has a support team that will address any of your queries.

To take the construction business to heights and do away with operational inefficiency, the right technological tool can help a business with added productivity and also ensure an increase in profits.

9. Easier and Effective Project Management

To bring in efficiency and to allow no chance of miscalculation, a good software will allow owners to keep everything under control. From project delivery to resource management, it's not possible to run a construction business without project management.

Moreover, the solution should be easy for project owners to understand and run operations efficiently. Also, monitoring progress reports and provides centralized data that can be accessed anywhere is of supreme importance.

Besides, saving time and money is an important factor along with keeping the visibility of the finances of the business.

Conclusion

According to McKinsey, "the future of the construction ecosystem will be radically different...." _ In fact, it will be a more standardized and consolidated process. And the COVID-19 crisis has set the wheels in motion and is leading to transformation.

So it's time for owners to review and assess the value chain, and where and also how they want to play. The construction business is already in a perfect storm. Digitization is here as a key driver of this change. The companies that are adopting technology can quickly adapt and be profitable and can focus on project quality.

The paradigm shift that has happened because of technology will continue to gather momentum. To maintain a competitive edge and remain profitable, owners have to respond by assessing their business needs and deliver on quality.

In order to survive and thrive, owners have to know all about the respective shifts that are happening in the construction arena. And, technology uptake is an important shift in an industry that was probably the last one to turn to technology for better returns.

A construction business has many operating requirements from bid management to facility, and equipment management, reporting and cost estimation. Therefore, a good ERP system not only facilitates decision-making but protects data, and provides additional security so that contractors can improve the quality of ongoing projects.

As per the McKinsey report, construction represents 13% of global GDP. But there is a significant risk in this industry as it is not performing well and historically, averse to change. Right from delivering ever more challenging projects on time and also handling an unpredictable market in terms of raw materials, the pursuit of profit is often a moving target.

But with technology as the North star during this next normal phase, it's proven that construction too is susceptible to the impact of digital technologies. To prepare for changes ahead and to improve quality, business owners have to take bold moves to reap rewards.

To navigate the rough waters ahead relying on technology solutions like construction-specific ERP solutions like ProjectPro will have a longer-term strategic impact. Moreover, software systems have already reshaped an industry that moved at a glacial pace when it came to adopting digital solutions.

Technology-enabled digital advisory services will soon wipe out the businesses that rely on old ways of doing things manually. As technology makes the construction business more industry-tailored, performance-based, and productive, leading businesses will rely on data and cloud-based software.

To break down traditional silos, these integrated technology-based solutions are paving way for:

- Phenomenal opportunities for Profit
- Increasing customer-focus
- Carrying out cost reductions
- Improve Project Quality
- Effective risk and compliance management

Thus, to improve construction project profitability, it's time to rethink the operating model. An ERP software with capabilities like project management, certified payroll reports, help with contract and change orders can be a game-changer for a business.

With the help of data powered by ProjectPro, a construction accounting software you can upgrade your business. From beginning to end, you can track data that helps in providing transparency for projects. So rely on construction technology to pave the way for future profit and enhance output for its players in the times to come. Get ready to improve project quality with the help of technology today!

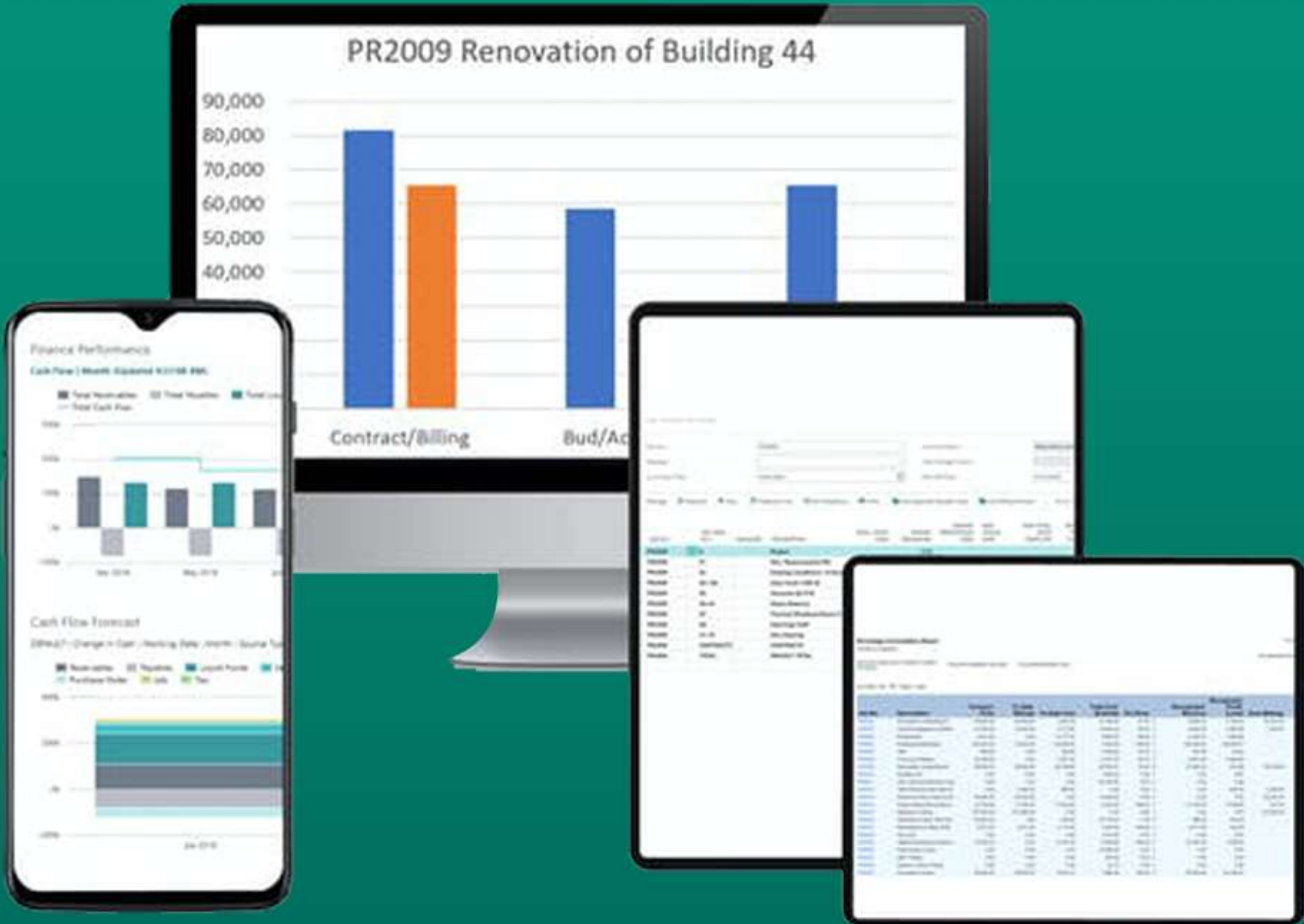
About ProjectPro

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.

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