

Project Summary

In the construction industry, competition is heating up significantly among industry players, and only the best-managed, most efficient, and productive firms will enjoy the full breadth of opportunities now taking shape. Construction Management Software can go a long way toward boosting performance across the board, especially when it is specifically developed to cater to the unique needs of the organizations in the industry and can be further customized in accordance with objectives. With all the moving parts involved in construction project management and general operational oversight, not using the software can keep a business from reaching and sustaining optimal performance.

Fewer companies, regardless of industry, are still managing their core processes with pad and paper or outdated systems, and more continue to expand their investments into apps and other tools to excel in their marketplaces. With PenguinData in place, construction firms can begin to increase revenues, reduce waste and progress from an operational standpoint, and specialized software will help to achieve these goals.

Data is becoming more integral to the average construction firm's success over time, especially as so many new trends are generating massive volumes of information that must be properly handled. Content and document management tools included in PenguinData's construction management software can help reduce the risk of loss or expose sensitive data, improve decision-making through a timelier reception of insights, and strengthen collaboration.

At PenguinData, our goal has always been to bring a user-friendly, 21st-century Software-as-a-Service (SaaS) solution tool to companies seeking to automate their daily data flow away from outdated manual processes, thereby greatly enhancing efficiency and productivity and leading ultimately to higher profitability. PenguinData Workforce Management is a tool that manages all of your segmented data as a Tier II Enterprise Resource Planning (ERP) integrated platform, allowing management to see every aspect of their daily data flow in real-time throughout every department and office in the company.

This paper examines many of the features that customers realize, resulting in time or cost savings and increased efficiency and profitability.

Features & Benefits within PenguinData that Facilitate Project Tracking Requirements:

- Construction has its own unique and customizable Alert System that notifies your employees of the specific issues within that module that require attention. The fact that the system "talks" to your staff means day-to-day tasks will not go unaccounted for.
- Bidding on a construction project can be a complex process. A bid tracking system is a good idea for companies of any size that want to expand their business through more effective and efficient bidding.
- PO tracking stops sifting through overflowing spreadsheets and lengthy email conversations to track a purchase order. Embrace purchase order automation to know the status of a PO at a glance, anywhere, at any time, and on any device with PenguinData.

- PenguinData's material tracking is designed to manage all of the processes in any warehouse. This includes processes related to the intake and storage of inventory, as well as manual and automated picking, including material assignment to specific projects for consumption.
- Progress billing is an integral part of construction invoicing. Most large projects need to be billed on a percent-completion basis; further complicating matters, it is very common for those projects to be broken down into phases and individually billed by their percent-completion. PenguinData allows you to create invoices based on work completed and the selected date range.
- The Mobile User Interface for on-site construction management in PenguinData is designed to adapt to the device being used. While desktop users see comprehensive information on their larger screens, Android, iPad, and iPhone users see simpler versions to help keep the screens easy to understand and navigate. Mobile users will update work via a mobile device, which will provide management with real-time data.
- PenguinData allows each customer to customize their own system, module by module, and location by location, using different Categories, thus allowing each unique database to be set up perfectly for the respective Franchise Agreement. Each PenguinData customer is unique, and by having these customizable Categories, each customer can design the last 10% of the tool to perfectly suit their own needs.
- Data can be uploaded or downloaded to/from PenguinData in various ways. We pre-built many Application Program Interfaces (APIs) to connect PenguinData with other systems. We are only limited by the capabilities of the external systems.
- Each Module within PenguinData is integrated into our Corporate Dashboard, which includes a Business Intelligence (BI) Tool that allows our customers the ability to create their own reports, graphs, and charts, the ability to schedule when these reports will be automatically run, and even the ability to have these reports automatically emailed to the appropriate parties. This BI Tool is also available to the local groups. In addition, each module contains its own set of canned reports.

Summary

One of the telling differences I've observed about the construction industry over the years is the refocusing on something called culture. Your culture isn't just a framed vision statement in the entryway of your office, but instead, it is how you and your employees live out each day. So, a question should arise: Should I be concerned with my company's culture? YES! Can I do anything about building a better culture, or do I take what comes my way? Yes, you can build a better culture; no, you don't have to be content to take what comes your way. PenguinData allows our clients to change that culture from the ownership level to the field, which provides transparency to all and reestablishes a teamwork environment.

In my experience, I have seen many firms concentrate strictly on growing, but the best-in-class contractors focus their efforts on managing their work, maximizing productivity, and, in some cases, discovering a world of new opportunities. Growing a business without a solid platform only increases a contractor's risk. Owners, Directors and Managers who fail to operate with tight controls on projects with already thin margins place their organizations in a precarious position. The single greatest change in the behavior of contractors should be the renewed focus on efficiency, productivity, and margin-enhancing. PenguinData gives our customers the ability to increase efficiency, reduce cost, and increase overall accountability with the ease of accessing all necessary information remotely.