



Sage

X3 FOR CONSTRUCTION



**A Centralized, Future-Proof, Cloud  
Platform to Seamlessly Manage**  
*your* **CONSTRUCTION BUSINESS**

# A Centralized, Future-Proof, Cloud Platform to Seamlessly Manage Your Construction Business

The Sage X3 ERP consists of a range of modules, from which Sage X3FC has been developed specifically for the construction industry. Sage X3FC has transformed a number of leading construction companies to organize their projects, documents and costing seamlessly in a productive manner.

It is known that even though the construction industry helps harness bountiful returns, it entails dealing with a vast amount of data. Managing budgets, schedules, and deadlines often become extremely complicated with changing business requirements of the industry, which may result in timelines being overrun, budgets overly compensated and costly penalty charges.

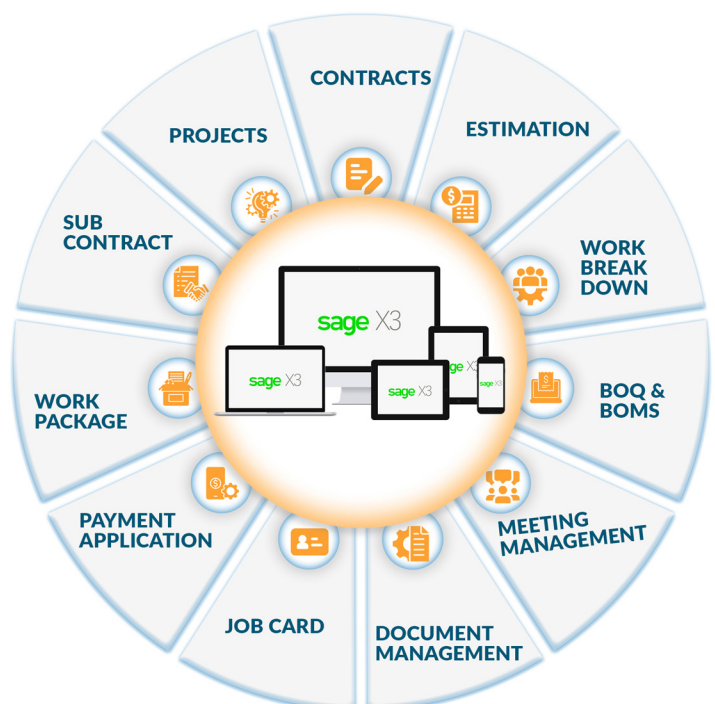
The good news is that X3FC is tailor-made for the construction industry to help organize and manage data to increase productivity and quality of work while keeping errors at bay.

In a nutshell, the X3FC Software is a cloud-based system that provides a real-time unified platform through which an end user could access company data seamlessly.

The unified platform is a role-based dashboard programmed with strong business intelligence, and flexible reporting and inquiry capabilities. Moreover, the X3FC consists of integrated Field Service and Customer Relationship Management (CRM) modules and outstanding cutting-edge mobile technology.

The X3FC user-friendly platform includes modules for project and change management, work cost accounting, payroll, inventory, service, and solid financials. It instantly identifies changes in project scopes, staff, supplies, and equipment with the assistance of drill-down reports on the dashboard powered by machine learning and native artificial intelligence features. These features also help automate repetitive procedures and enhance data processing for accounts payable and other company operations. In other words, you can leverage cutting-edge world-class construction management and estimating software, with X3FC to harness the best returns for your investments.

**"A to Z  
functionality for  
Contractors and  
Business owners"**



## Fed up with multiple systems?

For instance, one may use an ERP or accounting software to trace Budgets and another software such as MS Project or Primavera to track time schedules. Hence users find it challenging to evaluate the impact of the schedule on the budget. Rest assured, by opting for a software system such as the X3FC, you will be ensured contemporary scalability and customization features that help keep track of both timelines and budgets in parallel on a unified platform with the help of an integrated AI technology.

## Keep track of your finances, Project Performance, and EVM at anytime

It becomes challenging to assess a project's financial situation since several modifications must be made to the costs generated from the Accounts and Finance module. The adjustments include allowances for unpaid labour, cost deferral for items purchased but not used, etc.

## Forsee and strike a balance between Project, Cost, and Scope

Most construction companies come to the realization that they are behind schedule or over budget after the shameful realization that there isn't enough time or funds to compensate for deficits. These obstacles occur due to the lack of a warning system. But with the X3FC you are given the liberty to make judgment calls right away in response to failed warnings owing to the nature of X3FC's agile architectural framework. The X3FC software solution offers open APIs, protocols, and tools that companies require to continually integrate new features into their framework without compromising other operations and create an open communication platform with the entire construction ecosystem.

## Supported platforms





## Earned Value Management (EVM)

On a regular basis, X3FC offers comprehensive "Earned Value Management" (EVM) performance indicators of the project. The primary KPIs delivered by X3FC encompass:

- Planned Value (PV) or Budgeted Cost Work Scheduled
- Earned Value (EV) or Budgeted Cost Work Performed
- Actual Cost (AC)
- Schedule Performance Index (SPI)
- Cost Performance Index (CPI)
- Estimate at Completion (EAC)
- Variance at Completion (VAC)

A company will be able to forecast the anticipated project final cost with the aid of the KPIs produced by EVM. This will also empower decision makers to decide the best course of action, such as foreclosing, subletting (if VAC is adverse or unfavourable), or by accelerating the process (if the timeline left out is less), efficient negotiating & to check for any variation (if there is a budget overrun).

## Understand/Track Project Profitability

Usually, construction companies have a concise knowledge of where profits are generated, and expenses or losses are incurred. However, they will be hard-pressed to name the specific operations that primarily generated the gains or losses. But with the help of X3FC, you may compare activity-specific budget costs to actual costs. Organizations that may employ X3FC software will therefore be able to specify their performance in a variety of combinations, as seen below:

- Activity-wise
- Work breakdown structure-wise (WBS)
- Phase-wise
- Location-wise etc.

To track the budget for each cost activity in the X3FC, we utilize cost codes. The budget spent on labour, equipment, and other costs can be obtained in detail, any or all of the cost components are also present in a cost code.





## Performance Analysis and Future-proof decision making

Information regarding how each activity fared will enable a firm to make revisions, drive up costs for activities that could lead to losses on future projects, and reduce costs for activities that could result in aberrant profits. It implies that the estimate is erroneous and that a company might lose out on contracts because of excessive quotations for certain components.

## Compare project figures against the head office project data

The accuracy of overall cost bookings can be evaluated by comparing the cost recorded in X3FC with that in X3 ERP. Moreover, the accuracy of manpower costs could also be evaluated by comparing them with employees in X3. Your construction company could gain access to information to compare the equipment costs that were paid in X3 ERP and X3FC as well. This makes it easier to deduce whether any resources are being underestimated. That's not all. Since X3FC keeps track of manpower and equipment utility, any idling could be closely monitored.

Furthermore, cost bookings in X3FC module can be cross checked with the Finance and Accounting module – which allows for you to get the X3FC as a package which includes both the X3ERP and X3 people.

## Freedom to select the data input method

Whether projects are executed departmentally or by subcontract method, data could be fed uninterruptedly into X3FC. In a departmental execution, data could be entered in a work package method. If a project is executed in a subcontract method, data could be entered using a combination method. Additionally, for budgeting and tracking overhead expenses, data entries could be programmed and executed in a job card method.



## Recall historical data & Forecast

A plethora of past information could always be retrieved via the X3FC. With the help of the data and information mentioned in previous reports, X3FC supports company decision-makers to opt for the best decision. X3FC could also be utilized to preserve past records that will come in aid for budgeting or tendering upcoming projects.

## Various Billing Structures to choose from

Sage X3FC facilitates direct linking to work orders or purchase orders. The X3FC integrates with X3 ERP seamlessly. Therefore concerns surrounding data duplication could be mitigated. Moreover, several billing formats and contract types are supported by Sage X3 Construction, including Sage X3 Construction supports several types of billing structures and contracts including:

### 1. Progress Payments by

- WIP
- Deliverable
- Milestone

### 2. Contract types:

- Fixed Price
- Cost Plus (T&M, T&M not to Exceed)
- Build, Operate, Transfer
- Engineer, Procure, Construct
- Design and Build

All of the aforementioned pathways could be accomplished by creating a variety of payment apps facilitated by X3FC software. These applications are then verified by the customer's clients or by project engineers, architects, or quantity surveyors, and an invoice is created subsequently using the values from the approved application. The standard invoicing elements of Sage X3 directly handle invoicing and revenue recognition.



## Document management

A robust Document management system is integrated into the X3FC software systems. This system provides users the ability to capture and retain scanned or uploaded documents in various file formats. Moreover, documents could be linked to X3FC items such as job cards, work packages, contracts, etc. The system also stores information about the stored documents such as date, document type, approval information, physical location (if needed), contractual status, and what transmittals were used to send or receive the document. Furthermore, the document management system in X3FC provides versioning information and history for each document.

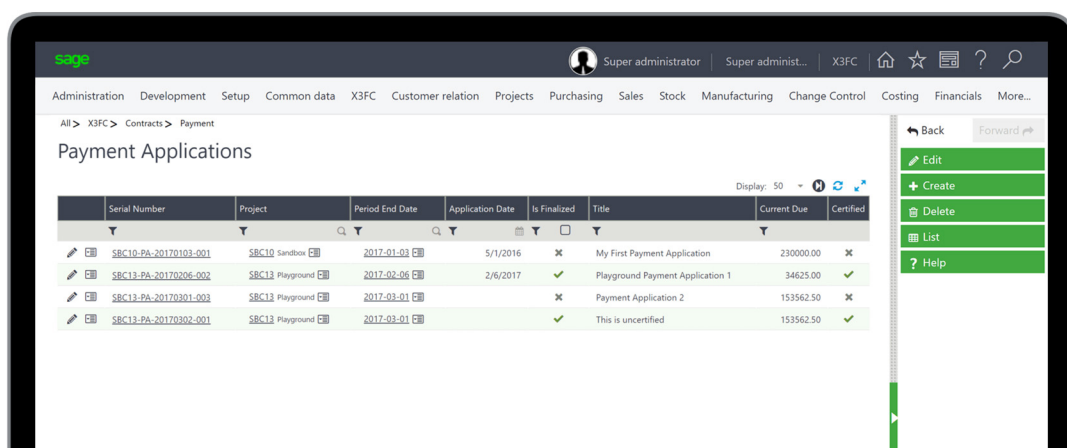
## Meeting management

Meeting management features in the X3FC solution helps rectify issues pertaining to two critical issues in management. They are poor performance management and inadequate communication. The meeting management feature is added with the intention to improve communication and ensure accountability in decision-making and follow-up. Tracking includes:

- The committee for which the meeting is being held, if there is one.
- Meeting agenda.
- Attendance.
- Business items the committee must address. Multiple people can be assigned to business items in different roles of a responsibility matrix.
- Action items generated that are associated with a business item.
- Participants and their role for each business item.

## Customized dashboards

The X3FC system facilitates dashboard customization as one of its features. To conveniently access company-wide visibility of expenses, budgets, projects, commitments, timelines, and contracts with strict project controls that may save time and money, you may create your dashboard that functions effectively for the entire corporate body. Real-time task views, CFMA benchmarking, AIA reporting and billing, compliance management, daily eld reports, and certified payroll are further customizations you may make to modernize construction operations.





## About Sage

Sage is the industry pioneer in integrated accounting, payroll, and payment systems, fostering the aspirations of business people (self-made entrepreneurs) around the globe. Sage started out as a tiny operation and has now expanded beyond all expectations, currently, having more than 11,000 employees, assisting millions of entrepreneurs in more than 20 countries, as they drive the world economy.

With a generation of new business process innovations, which manage everything from money to people, Sage supports the emerging business builders, with a thriving community of entrepreneurs, business owners, tradespeople, accountants, partners and developers who drive the global economy.

## About Sage X3

Sage X3 is Sage Group's global ERP solution for mid-sized companies and subsidiaries of large groups with international demands. For over 10 years, Sage X3 has been a proven and comprehensive ERP solution, addressing mid-market companies' specific requirements and challenges in industries from manufacturing and services, to distribution and many more.

5,100 customers in 100+ countries worldwide have chosen Sage X3 because it helps companies grow forward with faster, simpler and flexible ERP.

For further information, please visit: [www.sagex3.com](http://www.sagex3.com)



X3 FOR CONSTRUCTION

**Sage** Service  
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Sage Partner Cloud



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