Software Solutions for the Construction Industry

ACCELERATE

Integration Technology
LEVERAGE
Information Transparency

Reporting Decision-making

Operations Performance

CONTROL
Projects Processes
Costs Resources
EXPERTISE AND EXPERIENCE

We share your expectations

Construction companies necessarily contend with factors like remote project locations as well as unique conditions and processes with varying project life cycles and risk factors. Today these enterprises are increasingly pragmatic about their investment in new technologies. They demand systems whose return on investment can be demonstrated before implementation. Further, they insist that delivery be on time, on target, and within budget.

To deliver on these expectations, Algorithms has invested significantly in developing the Xpedeon suite of applications and bringing together a team of consultants who have an in-depth knowledge of the industry. Our construction industry experts and cutting edge technologies, partner with you to achieve your long-term goals expressed in terms of performance, profitability, and ROI.

YOUR BUSINESS IN FOCUS

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EXPERTISE AND EXPERIENCE

10,000+ users worldwide

Algorithms has delivered software solutions supporting both pre and post contract activities, from estimating to final account. By virtue of our focus, expertise and experience; we are positioned to partner our clients strategically, providing high quality, innovative, and cost-effective integrated software solutions.

Our success, while reflected in our growth, is measured ultimately by the capability, spirit, and effort of our people. Algorithms will continue to build the resources and expertise most critical to our clients across the globe.

The Company

Algorithms Software is an international enterprise focused exclusively on providing software solutions for the Construction industry. Our offices in UK, India and the Middle East facilitate close customer interaction and ensure that sales, training, service, and support are always at hand.

We are renowned for our strong customer-centric ethos and rock solid fundamentals. Our customers and employees perceive us as a company that offers knowledge and value, with a strong sense of integrity.
Enabling rapid solution deployment

• Xpedeon addresses the needs of a complete spectrum of companies, ranging from regional enterprises to large multinational organisations.

• Powerful features enable you to configure the system to address your needs today as well as provide you with a capability to adapt for future changes.

• Xpedeon can be implemented as an integrated system or as individual modules.

Future-proof your software investment

• The application is built on a state-of-the-art, multi-tier architecture and operates on the level of hardware you require.

• It provides seamless migration from your existing hardware infrastructure to newer, more powerful machines as your organisation and user count grows.

• Xpedeon enables you to connect across geographical locations – head office, branches and construction sites – bringing them all onto a common platform.

Keeping it simple

• The simple and intuitive user interface facilitates quick data access and entry.

• The software adapts to your unique way of doing business to the maximum extent possible – you can develop your own or modify existing reports, customise screen layouts and documents.

• Comprehensive drill-down facilities enable you to reach source documents easily.

Robust platform

• Xpedeon supports multiple companies and multiple currencies.

• Standard resource libraries make data entry and reporting, quick and easy.

• The centralised database ensures that the entire organisation is on the same page – from site staff, to core operational personnel, and through to the management team.

• The software runs on several industry-standard database platforms.

• Easy-to-use field templates empower you to add custom fields easily, without any software change or technical assistance.

• Xpedeon supports seamless single-click integration with other applications such as Microsoft Office®.

The Software

Xpedeon aims to help users succeed and prosper in a dynamic and ever-changing business environment. Driven by the fast pace of change, it seeks to adapt the way information is managed and shared to address the challenges of the future. Xpedeon provides access to consistent and accurate information across functional boundaries in order to help companies execute projects, whilst eliminating the need for duplication of information and manual reconciliation.
Reducing time to proficiency

Training is the cornerstone of any software implementation. With that in mind, our goals are always the same – increasing organisational adoption, boosting ROI, and reducing time-to-proficiency.

Step-by-step guidance at every stage results in a smooth transition from learning to using the software.

CONSULTING

An effective balance of industry know-how, experience, and software expertise

We’ve put together a consulting team that can meet your most crucial demands – from strategic planning to application integration and solution configuration. Our team has consultants with skills ranging from deep industry know-how to enterprise business strategy. When you turn to Algorithms Consulting, you can expect a unique blend of industry experts, business discipline, and deployment proficiency.

We deliver solutions, not just a software product. That’s why we immerse ourselves from the very start to understand your processes, unique challenges, and constraints. Then we apply our knowledge and experience when and where appropriate to integrate our solution in a way that fulfils your organisation’s needs.

SUPPORT

Technical excellence backed by a genuine commitment to your business

We know that when you need help, you want it delivered by skilled professionals who understand your business. You want your issues resolved quickly and effectively by people you trust.

Our support engineers have years of experience which extends across the spectrum of business-critical applications and operating platforms. Whatever the challenge, we have an expert who is highly qualified to give you the focused assistance you require. That’s peace of mind you can count on – anytime, anywhere.

TRAINING

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The People

When you invest in a business solution from Algorithms, you’re supported by best of breed services to ensure that you realise return on your investment. Whether you need consulting, training, or technical support, our professional services team will help you make the most appropriate implementation and deployment decisions, accelerate time to proficiency, and keep your company running smoothly.
Overview

Software Solutions for the Construction Industry

Xpedeon supports a host of capabilities to control all critical functions related to the Construction industry. With features to control multiple processes, projects, resources, and cost, the software improves core operations across the entire organisation.

CONTROL

Leverage information and technology to derive superior results in the most efficient and cost-effective manner. The software enables you to leverage integration and transparency of information, across functional and organisational boundaries and ensures that the right information is available to the right people at the right time.

LEVERAGE

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ACCELERATE

Accelerate decision-making, reporting, and performance by improving every aspect of day-to-day activities. Comprehensive reporting and drill-down to user entry applications, give you instant visibility into real-time data. Ultimately, this will accelerate your success rate, and ensure that you always stay on top.
Features

Security and Approvals
- Role based screen and report permissions.
- Ability to flexibly assign roles to individual users.
- Permissions at company, branch, project, module, document type, and action level.
- Support for encrypted passwords.
- Approval criteria based on company, branch, project, module, and document type.
- Automatic routing of each document for approval based on pre-defined sequence of users or value of document.
- Instantly view security details using the Security Interrogator.

Project Content Management
- Create, distribute, retrieve, and respond to all documents on-line.
- Scan, index, and file content into a space-saving electronic archive.
- Enable transfer of electronic files between departments through collaborative workflow processes. Specify the route it takes and the people who can view, edit, and approve it.
- Improve file management through robust version control and cross-referencing between documents.

Technology
- Built on the Microsoft .NET® Platform on a scalable N-Tier architecture with an NLB cluster resilient application server.
- Support for industry standard database platforms.
- Employs on-the-wire data compression for efficient WAN deployment.
- Intuitive GUI front-end with present day look and feel.
- Comprehensive audit trail maintenance.
- E-Business Gateway for integration with external systems.

User Interface
- Customise screen layouts, field and module names, and document formats.
- Searching and sorting within all grids.
- Export of grid data into spreadsheets, HTML, and PDF files.
- Import of various data intensive forms from external sources.
- Manual or system generated document numbering.
- Hot keys for rapid data entry.
- In-depth online help and manuals.
- Easy access to a 360° view of all related information – drill down to 'Source' documents or move forward to 'Next Action' documents.
- Flexibility to add user defined fields in various documents.
- Email and print documents directly from entry screens.
- Attachment of notes and documents.
- Management of documents through statuses for finalisation, approval, and next action completion.
- Document routing through an inbox-based approach for review and action.
- Ability to define pre-finalisation checks for each document.

Database
- Multi-company.
- Multi-currency.
- Standardisation of centralised libraries for resources, suppliers, subcontractors, etc.
- Information sharing across users, locations, and modules.
- User selectable decimal places for currency and inventory units.

Reporting
- Huge bank of pre-defined ready-to-run reports.
- Easy customisation of existing reports.
- Quick and easy report writer for new reports.
- Advanced searching and sorting capabilities.
- Multi-dimensional analysis tools such as Pivot Tables.
- Incorporation of company logos.
- Screen preview feature.
- Export of reports as spreadsheets, HTML, and PDF files.
- Email and print directly from the screen.
ACCELERATE BID PROCESSING

Xpedeon Estimating provides a powerful, flexible, and easy-to-use environment for estimating bids. It implements industry best practices for estimating and enhances the efficiency and accuracy of your bidding process.

With customers demanding quicker responses, there is a great need to ensure that minimum time is spent on searching for information and entering data. Xpedeon provides a host of capabilities that are designed to do just that. The system reduces time and effort spent on data entry by providing various user-friendly features such as automated import of the Bill of Quantity, centralised libraries for resources and resource rates, etc.

Repetitive work is eliminated by using smart copy and paste facilities within and across bids, or from libraries and standard templates. Handy features like Find, Go To, Filters, Multi-select, and Update further reduce manual effort.

CONTROL ACCESS

With a crucial requirement to maintain a high-level of confidentiality in the bid management process, the estimating department needs to ensure that comprehensive security mechanisms are in place. This is achieved by Xpedeon’s security system which allows you to specify users who can work on a bid. Further, functions can be linked to users to restrict who works on which area of the bid. Encrypted passwords help maintain an additional level of security, thus maximising data confidentiality.

LEVERAGE BUSINESS INTELLIGENCE

Xpedeon offers you a powerful reporting environment. Operational bid-specific reports range from Priced BoQs, Summary and Collection sheets to Build-up and Resource Cost Analysis.

Business Intelligence reporting tracks and evaluates the process of winning business and extending the business pipeline. It provides you with a solid analysis of your forecast pipeline - the wins, losses, problem areas, top performing divisions, estimators, and a host of other valuable analysis. The system offers you a ‘where you stand’ status against ‘what you want to achieve’ target by allowing you to analyse data across bids on various parameters such as Status (wins, losses, in progress bids), Estimator, Date Range, Client, Divisions, Contract Type, and so on.
Collaborative Estimating

- Collaborative estimating capabilities allow multiple estimators to work on a single bid without overwriting or loss of data. Whether a company has a small group of estimators or large divisions, Xpedeon can scale-up or scale-out, depending on the organisation’s needs. Xpedeon can support an organisation’s present needs and scale as it grows.
- For single user estimates – use the ‘full checkout’ feature to restrict access of other users to a read-only mode. For multiple estimators working on various aspects of the bid – use the ‘part checkout’ feature to grant access at the bill level to individual users, thus enabling consolidation of information.
- Mobile estimating features aid users in working offline. Easily ‘Check Out’ bids onto notebooks and use all system features while offline. Using this facility, estimators can also ‘carry-along’ the bid for meetings and negotiations. Seamlessly synchronise all changes on re-connecting.

Centralised Libraries for Resources, Rates, and Items

- Select resources from a centralised library of labour, plant, material, trade, and indirect costs. Additionally define bid-specific ‘custom’ resources by simply entering a description.
- Create composite resources such as crews and gangs comprising material, labour, and plant and use them directly in the build-up.
- Easily ‘clone’ an existing resource and modify it.
- Maintain default rates for material, labour, and plant resources for each geographical region.
- Create standard libraries of items and their build-ups.

Pricing

- Operate multiple windows simultaneously, to work concurrently on various aspects of the estimate – bills, BoQs, item-buildup, enquiry packages, etc.
- Expedite BoQ entry by importing data from CSV or text files. Additionally, copy build-ups from standard libraries or enter them directly for the bid.
- Enter take-offs for individual items quickly through user-friendly Dimension Sheet Editors.
- Create and link user defined flags to BoQ items and enter comments for individual items. Items can be searched based on these flags and comments.
- Define resource buildups of items as Constants (consumption per unit) or Output (production per unit).
- Easily change resources rates for a bid using the various features provided. Changes effected while pricing result in instant recalculations without the need for explicit refreshes.
- Identify exceptions such as items with zero rates / no build-up / zero rates in the build-up / zero quantities / containing certain or a combination of resources, etc. through powerful search capabilities.
- Xpedeon calculates bid values in real-time. The applicable regional resource rates are automatically applied resulting in rapid item pricing.
- Flexibly define negative or positive adjustments as percentages or values for each resource type. These can be applied to an individual item, to a bill, or to the entire bid.
- Enter multiple markups as percentages or amounts to calculate indirect cost, overhead, or profit for selected or all items. Additionally enter markups on a per-subcontractor basis. You can also lock the price of an item to ensure that changes are not made accidentally.

Enquiries and Price Comparisons

- Streamline the entire cycle – from floating enquiries to receiving quotations, adjudication, and inclusion in a bid.
- Create enquiry subcontract packages flexibly. Manually select BoQ items to be included in a package or let the system auto-create packages based on the trade of the item.
- Quickly select and link materials from the master, to an enquiry material package. This is particularly useful when you have different suppliers providing different classes of materials.
- Use the integrated faxing and emailing capabilities to send enquiries at the click of a button.
**CONTROL RISK THROUGH COST & VALUE RECONCILIATION**

As one of the highest risk industries, construction companies need to monitor projects costs at all times so that contracts do not go out of control. In response to this risk, Xpedeon provides a top-of-the-line Budgets & Cost Value Reconciliation (CVR) system that helps contractors to monitor and control costs.

The Budgets & CVR system in Xpedeon brings together the established totals for cost and value to illustrate the profitability of a contract – on an online basis. It ensures that contract profits shown in company accounts are accurate and are supported with complete details of all transactions and reconciliations.

Xpedeon CVR contains the initial tender figures and expected profit, forecast figures at completion for value and profit, the current payment applications by the contractor, the current certified value, an account of any adjustments or provisions to the certified valuation, the cost to date at the accounting period in question, and the cash received to date including the retention deducted and certified sums unpaid. Such information facilitates a complete assessment of the financial position of the project.

**LEVERAGE COMMITMENT & ENCUMBRANCE RECOGNITION TO MINIMISE BUDGET OVERRUNS**

Commitment recognition helps close the gap between ‘budget’ and ‘actual’. Despite their best efforts to control costs, companies are prone to budget overruns owing to time lag between when a financial commitment is made and when cost is accrued.

Traditional cost control mechanisms attempt to measure budget vs. actual spending. As a result, many cost control mechanisms only measure budget vs. paid. This can overstate budget balances and lead to overspending.

Commitment recognition in Xpedeon reflects the allocation of budgetary resources when they are committed instead of when they are accrued, providing financial information earlier than ‘budget to actual’ reports and preventing budget overruns.

Typical commitments include purchase orders, subcontract work orders, monthly wages, and so on.

An encumbrance is the fulfilment of the provision made in the budget for a commitment. Xpedeon tracks encumbrances to help avoid overspending on the budget. Encumbrances together with commitments predict the net margin at project completion. With encumbrances, the actual gain or loss for the project is known in real-time.

**ACCELERATE REPORTING FOR EFFECTIVE PROJECT MANAGEMENT**

Xpedeon’s Budgets and CVR system provides ready access to all costs incurred for each project being completed. This allows users to examine each cost incurred, find out why it happened, and determine how it can be controlled better in the future, thereby contributing to better ongoing levels of profitability.

Comparisons of actual figures with estimated costs identify projects and individual expenses that are over running budget or forecast, so that the team can take corrective action. Users can ‘drill down’ to view detailed information on originating transactions.
Features
Budgets & CVR

Budget Setup

- Define an unlimited number of Cost Codes for the organisation, with complete flexibility. Trades, materials, labour, plant, and indirect costs are linked to cost codes. The project budget is assigned for each cost code. All cost transactions are captured for a project and cost code. Thus, each cost code has a budget, cost to date, and cost at completion along with budget variance analysis.
- Cost codes can be summarised at two levels – ‘Cost Heads’ and ‘CVR Headings’. A combination of these two allows users to view a comprehensive costing of a project. For example, cost heads could represent cost categories such as material, labour, and plant; and CVR headings could be defined to differentiate between preliminary costs, direct works, and indirect expenditures.
- Budgeting can additionally be done based on the type of work. These headings are user defined and are called ‘Prime Activities’. For each prime activity, the cost to date is captured in complete detail.

Initial Project Budget Creation

- Seamlessly convert estimates for jobs awarded in Xpedeon Estimating to the project budget. The link between cost codes and resources ensures that the budget is displayed as per the cost code structure, for each item from the Bill of Quantity.
- Import the budget from spreadsheets or other external data sources.
- Enter the budget directly into the system. Incrementally define a work breakdown structure for the project and define the cost estimates at each level.
- Add to the budget, as and when required.
- Optionally breakdown the project structure into phases, blocks, and plots and define the budget for each cost code at these levels.

Cost Capture and Analysis

- Job costing is continually and automatically updated from all other modules in real-time. Seamless integration ensures that every expense, from monthly wages and purchase orders, to invoices and journals – is reflected in the project’s committed and actual cost.
- Costs are captured for each cost code, CVR heading, and prime activity; based on the options selected for each project. If phases, blocks, or plots are defined, costs are captured at these levels.
- Xpedeon ensures that the cost to date reported on the CVR matches the project’s Cost Ledger eliminating the need for manual reconciliations.

Client Instructions (Variations)

- Instructions issued by the client impact the budget automatically. Xpedeon differentiates between instructions based on their approval status. For each cost code, users can view the initial budget, changes to the budget due to instructions approved by the client, and changes to the budget due to instructions pending approval from the client.
- Increase or decrease budget values for individual cost codes by entering journals. These automatically impact the project margin. Audit trails for such changes are available at all points.
- Transfer budget provisions between cost codes with complete traceability.

Work-In-Progress Calculation

- Xpedeon automatically calculates the WIP, over-billing and under-billing for a project, based on the percentage completion method.
- The system automatically creates a period-end accounting journal to record the WIP based on a confirmed surveyor’s CVR for the project.
CONTROL CONTRACT EXECUTION AND CHANGES

Take complete control of all aspects of your contracts – whether big or small. Easily maintain terms and conditions, payment schedules in formats of your choice, on-account and provisional payments, retentions, advances, materials on site, sundries & contras, and statutory taxation.

Control contract scope by tracking changes through ‘Variation’ management. Xpedeon provides complete visibility of all changes to scope, types of change, their stage of approval and the cost and revenue impact on the contract.

LEVERAGE INTEGRATION

The Contract Management module is closely linked with other Xpedeon modules – Estimating, Budgets & CVR, Subcontracting, Accounts Receivable, etc. – ensuring that information flowing in and out is relevant and up-to-date.

Xpedeon can electronically import tenders from the Estimating system to the Contract Management system, and convert these tenders into contracts.

The module integrates with the Budgets & CVR module, so that the 'Cost at Completion' (including 'Margin') is always in perfect sync with the revised 'Contract Sum'. If variations exist for a contract, the CVR always reflects the value – taking into account all variations recorded, thus completely eliminating discrepancies, and any manual updates to the CVR.

A close link with the Accounts Receivable module lets you review complete transaction details and history of a customer. You can view up-to-the-minute data such as current balance, last activities, transaction details, and detailed statistics for each customer account.

ACCELERATE REPORTING

Make the most of the high performance reporting capabilities of Xpedeon; to scrutinise every bit of data and gain insight into all aspects of a contract.

Examine the Corporate Order Book on various factors across contracts – line of business, branches, regions, or customer. View complete details of billing – know what is applied for payment, what is certified, and what is received. Analyse what is remaining; i.e. what is not billed for existing contracts. Analyse variations and their characteristics across contracts or their impact within a contract. Comprehensive retention control provided by the system helps you to apply for release of retention deducted on expiry of the defect liability period.

Report outputs can be tailored to include the data you want; your company’s logo, payment terms, and any other information. The ‘Drill-Down’ feature lets you interrogate data down to the core transaction level.
Contract Setup

- Seamlessly convert tenders to contracts from Xpedeon Estimating. Alternatively, import contracts from external data sources such as spreadsheets.
- Define one or more contracts per project, based on the number of billable parties for a project.
- Use various contracts models as required for a project, such as:
  - Remeasure Contracts: Create traditional Bill of Quantity (BoQ) based contracts. Optionally structure the items under bills and sub-bills.
  - Lumpsum Contracts: Easily create contracts with milestone based payment schedules.
  - Stage Payment Matrix (Tick Sheet): Flexibly define a matrix as the payment schedule. Create stages as rows and use plots (salable units) or user defined dimensions as columns. User-friendly methods to distribute the stage amount across columns help eliminate manual effort. Colour coding of cells lets you distinguish visually between what has been claimed, certified, and paid. Multiple stage payment matrices can be entered for a contract.
  - Staged BoQ Contracts: Define stages of payment for BoQ items at the bill or sub-bill level. Stages for payment can be defined based on quantity, rate, or user-defined distribution.
  - Hybrid Contracts: Combine any or all of the above-mentioned contract types to create hybrid contract types.
- Enter contracts in any currency – either the company’s corporate currency or any other currency.
- Manage contract terms such as Retention, Discount, Defect Liability Period, Advances, Payment Terms, etc.
- Xpedeon allows users to define the contract value by phase, block, and plot (salable unit). Expenses are also captured based on these parameters, ensuring complete integration with the Budgets & CVR module.
- Xpedeon displays the ‘Contract Sum’ for each contract in real-time. Important contract parameters such as ‘Original Scope’, ‘Variations’, ‘Revised Contract Sum’, ‘Billed to Date’, and ‘Remaining Order Book’ are available at the click of a button.

Variation Management

- Record and price variations easily with comprehensive tracking and control.
- Track and manage the lifecycle of a variation through user-definable statuses. Create statuses such as 'Draft', 'Instruction To Proceed', 'Pending Approval', 'Approved', 'Rejected', and so on – as required by the organisation.
- Manage variations effectively by classifying them under user-definable categories such as 'Drawing Changes', 'Architects Instructions', 'Reworks', and so on.
- On entering a variation, the system automatically updates the cost budget as well as the margin for the project, showing users the impact of the same on the ‘CVR’ and on ‘Cost at Completion’.
- Easily enter variations in a Stage Payment Matrix format.
- Track activities such as who logged a variation and its movement through the lifecycle.
- Link contract variations to subcontract instructions in case of back-to-back subcontracts.
**COMPLETE CONTROL & MANAGEMENT**

Xpedeon tracks each step of the procurement lifecycle – from creating a supplier record to issuing purchase orders and certifying invoices. It automates tedious and time-consuming purchasing tasks thereby expediting the procurement process.

**LEVERAGE INTEGRATION**

Users have real-time access to Inventory and Accounts Payable records, enabling them to make more informed purchasing decisions. Two-way matching of the purchase order to invoices or three-way matching of the order, goods receipt, and invoice, avoids over-billing and ensures control over the complete order-to-pay process.

Ordering items automatically updates committed costs in the Budgets & CVR module, making sure that the project is within budget.

**ACCELERATE DECISION-MAKING**

Xpedeon provides instant visibility into real-time financial and operational data helping you to manage your business more effectively.

Comprehensive reports include spend and procurement analysis, supplier performance analysis, order analysis, and historical trends - empowering users with vital information when they need it. Know whom you have ordered from, how much you have ordered, how much is received, how much is invoiced, how much is balance, and that all costs are correctly distributed.

Interrogate the data using advanced Drill-Down capabilities that allow users to see the ‘Source’ and ‘Next Action’ documents with a single click.
Supplier Management

- Xpedeon supports the entire supplier management lifecycle – from initial supplier registration and assessment to ongoing performance measurement and monitoring.
- Comprehensive supplier records are maintained including certifications, turnover, insurance, health and safety policies, grades, environment and sustainability records, bank accounts, performance details, payment terms, etc.
- A single point supplier card allows users to view all information relating to the supplier in one central location – from advances paid and orders placed to deliveries due and invoices pending payment.
- Lifetime history of purchases provides total procurement analysis on factors such as purchase category and resource.

Procurement Planning

- Forecast, plan, and schedule for each project by creating ‘procurement packages’.
- Improve departmental efficiency by real-time tracking of the schedule against milestones.
- Ensure that procurement is done within budget and on schedule.

Requisitions

- Streamline the requisition process and manage key data and information.
- Allow requisitioning for materials and capital items.
- Consolidate requisitions to increase buying and negotiating power.
- Track and follow-up on requisitions raised, get complete visibility on orders created and quantity received against each requisition.
- View the remaining budget at the requisition stage itself to ensure that procurements are within the budget.

Enquiries, Quotes, and Price Comparisons

- Invite suppliers that meet the necessary criteria, to provide quotes. Select suppliers from the list or create new ‘quote-only’ suppliers for the enquiry.
- Fax or email enquiries in a single keystroke by using the ‘mail merge’ facility. Documents are built using templates in word processing software. These are easily customisable with your company’s logo, address, text, and formatting. With this configuration, you only need to create the template once.
- Track quotations yet to be received.
- Side-by-side, line-by-line quotation analysis provides users with a complete view of quantities, rates, and payment terms, empowering you to analyse and negotiate terms with speed and accuracy. Also approve and recommend single or multiple items for a supplier.
- View the buying gain or loss with respect to the budget encumbrance for the recommendation.

Purchase Orders

- Customise and create various types of purchase orders for maximum functionality and efficiency. Create individual purchase order types based on factors such as resource type, security requirements, numbering, location, approvals, fields to be displayed, and hard copy formats.
- Capitalise on quick, error-free ordering and a number of versatile tools that help you manage call-offs, delivery schedules, amendments, partial shipments, waivers, and duplicate orders.
- Order from the inventory items list or directly enter ‘one-time buy’ items.
- Eliminate inefficiencies with convenient online purchase order creation that allows you to replace paper-based forms and time-consuming manual processes.
LEVERAGE INFORMATION FOR INSTANT VISIBILITY

Xpedeon provides transparency across the entire process – from receiving goods, to rejections, issues, returns and transfers. Automated features for frequently performed tasks and easy accessibility to the complete history of all inventory movement increases user productivity and helps eliminate problems.

CONTROL STOCK

See what you’ve got, where it is, and what it’s worth. Whether it’s items in a project store or excess supplies transferred from various jobs to yards and warehouses, stock quantities are continually updated by the system across multiple locations to give you a true inventory of items. All costs are tracked in real-time for each project to arrive at the value of each inventory item.

ACCELERATE REPORTING

Run customisable reports to view summarised or detailed stock information, supplier performance, transfer analysis and historical trends. These reports empower you to decide how much to buy, when to buy, and the whereabouts of stock – thus ensuring optimum utilisation of working capital in the organisation.
Multiple Stores, Inventory Items, and Units of Measurement

- Define an unlimited number of items with user-defined classification and coding for easy lookup.
- Use different units of measure for purchasing and stocking for each item.
- Maintain an unlimited number of stocking locations - central stores, projects stores, warehouses, yards, etc.
- Create multiple stores at each location and view separate inventories for each store. Track and transfer stock between stores within and across locations.

Strong Inventory Management

- Tight integration of Goods Receipt Notes with the purchase / call off order ensures that the quantity received does not exceed the quantity ordered. Items can be received in multiple batches against the order.
- Return items which have failed on inspection to the supplier, by entering Rejection Notes.
- Issue items from the store to subcontractors or employees. Track issue of spares and consumables to plant.
- Return excess goods issued to the store.
- Transfer items between stores – within the same or across locations.
- Inventory integrates with Procurement, Budgets & CVR, Nominal Ledger, Accounts Payable, Subcontracting, and Plant systems which helps improve operational efficiency and reduce inventory costs.
- Match the stock as recorded in the system to the physical stock through stock adjustments.
- Effectively identify and track dead stock. Maximise returns by utilising such items as and when required.

Up-To-The-Minute Inventory Valuation

- View the true cost of each item. Stock valuation of each inventory item is updated each time it is accepted, issued, returned, or transferred – into or from a store.
- All costs of items procured – landed costs, duties and taxes, transport, and storage – are easily tracked and used for valuation as per the Weighted Average method.
- Weighted Average Rate is calculated individually for each item at each project.
- All inventory transactions – from acceptance to issue and transfer – are booked in real-time to the nominal ledger, thus ensuring complete visibility.
**COMPLETE CONTROL OVER SUBCONTRACTS**

Xpedeon supports the entire subcontract management lifecycle – from initial subcontractor registration and assessment, to floating bids, issuing work orders and instructions (variations), measuring progress, receiving payment certificates, making payments, and deducting and releasing retention. It provides greater control resulting in improved efficiency, with decreased processing time and administrative costs. Control points include:

- Flagging off expired insurance policies.
- Ensuring that valuations do not exceed the order.
- Accurately tracking and accounting of retention deducted and released to subcontractors.
- Back-to-back sub-contract and instruction control for complete link between the client’s contract and subcontractors’ work orders.

**LEVERAGE INTEGRATION**

Xpedeon provides engineering and construction firms with the ability to be information-driven enterprises, where timely, accurate data is available for every project. Complete integration across modules ensures that relevant data is available to users at all times without re-entry and reconciliation.

On entering a work order or an instruction, the system automatically updates the budget utilisation for the project. The gain or loss arising from the work order or instruction is calculated immediately; showing users the impact of the same on the CVR and on Cost at Completion.

Valuations and payment certificates raised against work orders are booked by the system into the Cost Ledger and Accounts Payable Ledger, ensuring that accounts ties in completely with project data. Integration with the Contract Management process ensures that subcontract exposure vis-à-vis the contract scope is fully controlled. Project managers can track materials issued and plant utilised by subcontractors giving them total control over operations.

**ACCELERATE DECISION MAKING**

Xpedeon offers direct insight into each and every aspect of the subcontracting process through various customisable reports. Users can manage complex work schedules and make more informed decisions by analysing subcontractor performance, work order details, and historical trends.

Interrogate data using advanced ‘Drill-Down’ capabilities. See the ‘Source’ and ‘Next action’ documents with a single click. Routing and system-driven approvals and data availability cut cycle time and improve accuracy.
Subcontractor Management

- Comprehensive subcontractor records are maintained with exception reporting and alerting. Users can track status, validity, and cover of insurance policies owned by subcontractors, track records of health and safety policies, quality grades, statutory environment and sustainability policies, incident records and such other crucial information, to ensure that you remain in compliance.
- Records such as bank accounts, payment terms, registration details, bonds, etc. can be easily maintained in the system.
- Xpedeon supports all statutory compliances in respect of regional taxation requirements.

Enquiries, Bids, and Price Comparisons

- Maintain an approved subcontractor list based on pre-qualification criteria, for each project.
- Forecast, plan, and schedule major subcontract packages for a project. Define, target, and track various milestones leading to the award of the subcontract package. Enter budget amounts for individual items as a baseline for evaluating bids.
- Invite approved / unapproved subcontractors that meet the necessary criteria, to bid for the subcontract. Select subcontractors from the subcontractor list or create new 'quote-only' subcontractors for the enquiry.
- Fax or email enquiries in a single keystroke by using the 'mail merge' facility. Create documents as templates using word processing software. These are easily customisable with your company's logo, address, text, and formatting. With this configuration, you only need to create the template once.
- Track bids yet to be received.
- Side-by-side, line-by-line bid comparison provides users with a complete view of items, quantities, rates, and payment terms – empowering users to analyse and negotiate terms with speed and accuracy. Mark items as 'included', 'excluded', or 'declined'.
- Xpedeon automatically displays bid ranking. Approve and recommend single or multiple items for a subcontractor irrespective of whether it is the lowest quote.
- View the gain or loss with respect to the budget encumbrance for the recommendation.

Work Orders and Instructions (Variations)

- Customise and create various types of work orders for maximum functionality and efficiency. Create individual work order types based on factors such as departments, nature, security requirements, numbering, location, approvals, fields to be displayed, and print formats.
- Add custom fields to a work order to capture any additional data.
- The system supports various payment schedules – itemised, lumpsum, and stage payment matrix.
- Easily replicate information from one work order to another, to avoid manual effort in entering similar data.
- 'Close' or 'Clear Down' work orders on completion or pre-mature termination.
- Enter multiple instructions against approved work orders, with separate numbering and approvals, security settings and print formats.
- Track instructions against user-definable statuses.
- Link instructions to client specified changes.

Periodic Valuations (Progress Measure)

- Periodically track and enter actual work progress against work-orders and / or their variations.
- View previous, current, and total valuations for each item or stage on the data entry screen.
- Compute the periodic running account billing for the work-order. Valuation details can be used as the basis for creating payment certificates and month-end accruals.
**TAKE CONTROL OF YOUR FINANCIAL ACCOUNTING**

Xpedeon Financial Accounting solutions include all the core elements that construction companies require to control their finance and accounts department effectively. Industry specific functionality ensures that the software maps easily to your existing processes. Advanced accounting features automate time-consuming bookkeeping tasks, thereby reducing manual intervention, decreasing processing time, and lowering administrative overheads. The system offers a highly flexible structure providing you the scalability necessary to accommodate complex business needs as you grow.

**LEVERAGE INTEGRATION FOR FINANCIAL AGILITY**

The Financial Accounting solution is seamlessly integrated with all other Xpedeon modules. Transactions such as invoices, rejections, advances, payment certificates, depreciation, payroll, client certificates, etc. are posted automatically on approving the document, into the correct account and ledger using preset user-specified rules. Users can ‘drill-down’ to the source of the accounting transaction at the touch of a button providing complete transparency of information.

Complete integration with the Budgets and CVR module ensures that both; the accountant and surveyor have a common perspective of a project’s cost and profitability. Manual collation and reconciliation of data is eliminated because Xpedeon ensures that surveyors have access to accurate cost information as required to create a CVR Statement, from the books of accounts.

**ACCELERATE DECISION MAKING THROUGH POWERFUL FINANCIAL REPORTING**

Financial reporting includes the data intensive tasks of collecting, analysing and summarising information, and presenting the financial performance of a business. Xpedeon provides insightful reporting options through which you can view all financial information for a project, branch, company, group of companies, or segment. Advanced features allow you to chart and pivot data, giving you a quick and accurate picture of your company’s financial health.

Evolving financial regulatory compliances require increasingly complex and comprehensive financial reporting to be in place. Xpedeon caters to this need by offering various reports such as Trial Balance, Profit and Loss, Balance Sheet, Cash Flow, Profit Reconciliation, as well as other user-configurable financial statements and schedules in local and foreign currencies.
**Flexible Corporate Structure**

- Define the hierarchy and reporting relationships within an organisation by creating companies, branches (divisions), and projects in a tree structure.
- Generate financial reports at any level of the corporate structure. View statements at the consolidated level or for each company, branch, or project.

**User-defined Corporate and Consolidation Accounting Periods**

- Flexibly define the fiscal year and the accounting periods for each company individually. Copy the configuration across companies or enter it separately for each company.
- Create separate fiscal years – and accounting periods within each fiscal year for consolidated organisation-wide reporting. Link the accounting periods defined for each company to the consolidation period, for accurate ‘roll-up’ reporting across companies.

**Multi-currency Capabilities**

- To support a global environment in which companies are increasingly executing projects across regions, Xpedeon supports currencies at various levels. The company, its branches, and projects can each account in their own functional currency. Further, individual transactions such as orders and payments can be entered in any currency.
- Reports can be generated in the corporate, branch, or project currency.
- Gain or loss accrued and realised due to fluctuating foreign currency exchange rates are automatically computed and recorded by the system.

**Chart of Accounts**

- Define a hierarchical accounting structure of multiple levels. Users can create accounts directly in the nominal ledger or link control accounts to subsidiary ledgers. Group the accounts under classes for summarisation and reporting.
- Create a global consolidation accounting structure for reporting across companies.
- Define start and end dates for account activation to ensure that accounts are used only for the period required, and incorrect entries are avoided.

**Ledgers and Accounting**

- Xpedeon extends the capabilities of the traditional Nominal Ledger to ensure that branch and project wise accounting is maintained.
- The system provides several subsidiary ledgers such as Accounts Receivable, Accounts Payable, Bank, Cash, Asset, Tax, Cost, Income, Retention, Advances, Stock, Employees, etc. Additionally, configure customised subsidiary ledgers and accounts as required.
- Xpedeon automates the process of posting from all subsidiary ledgers to the nominal ledger, thus eliminating the need for reconciliation.
- Inter-company, inter-branch, and inter-project accounting is supported using specialised ledgers.
- Create templates for rapid generation of frequently used journal vouchers.
- Define recurring journals. Xpedeon posts these vouchers automatically in accordance with the schedule defined and alerts the user for approval. Recurring journals can be amount based or formula based.
- Schedule reversal of journals on pre-specified dates. The system creates the reversed voucher automatically and alerts users for approval.
- Support for import of journals from external data.
- Xpedeon computes and creates the period-end accrual entries automatically. These are reversed by the system in the next period, saving you time and effort.
- Comprehensive support for multi-level closure of books for fiscal and accounting periods ensures that accidental postings to the wrong period do not occur.
- Balances of a financial year are automatically rolled forward to the next year, without any user intervention.
- Detailed audit trails captured by the system allow complete tracking of transactions all the way to the source.
Software Solutions for the Construction Industry

Accounts Payable

CONTROL YOUR PAYABLES EFFECTIVELY

Xpedeon’s Accounts Payable system goes beyond recording and paying bills.

- Through the system’s user-friendly screens, AP staff can track complete details for payables - how much, when, to whom, and the project for which a bill has to be paid. Organise payables by due date, project, supplier, item categories, and so on.

- Gain greater insight with a comprehensive analysis of past, current, and future expenditures.

- Eliminate redundant and tedious tasks with features such as automated scheduling of bills, pre-defined electronic approval workflows, and system alerts for early settlement discounts.

- The system helps companies build better relationships with suppliers and negotiate better terms and contracts. Users can answer queries promptly with complete details and accuracy. Access to all supplier-related information is available at a single click – from advances paid and orders placed to deliveries due and invoices pending payment.

- Xpedeon enables users to monitor current disbursements and plan accurately for future cash requirements.

LEVERAGE INTEGRATION

Seamless integration across modules simplifies work, eliminates redundant data entry efforts, and automates workflow.

Accounts Payable is fully integrated with the Procurement, Inventory, Subcontracts, Bank & Cash, Fixed Assets, and Nominal Ledger modules.

Invoices and payment certificates can be processed faster with all vital information at your fingertips. Input data such as supplier and subcontractor details, purchase orders and goods receipt notes, work orders and periodic valuations, advances paid and retentions held, and sundry debit and credit notes are available to AP staff at the click of a button.

Tight integration with the Bank & Cash process ensures that all payments to be released are automatically routed to the Bank & Cash system for disbursement.

Seamless integration with the Fixed Assets system ensures that assets are capitalised without missing a single invoice. Landed costs, duties and taxes, transport, and storage can all be easily tracked and used for capitalisation.

ACCELERATE DECISION MAKING THROUGH REAL TIME VISIBILITY

Detailed evaluations and analysis can be carried out on real-time financial data in Xpedeon. Accurate and up-to-date data forms a solid basis for fast, informed, business-oriented decision making.

Reports can be flexibly customised and generated to suit your requirements. Users can explore to the furthest detail of a transaction, by using the ‘drill-down’ feature to view originating documents.

Open transactions and historical data can be viewed by generating reports such as Invoice Register, Payments Register, Payment Certificate Register, Sundries and Contras Register, Aged Balance List, Aged Invoice Balance List, AP Ledger Trial Balance, and GRN Liability Ledger.
Features
Accounts Payable

General Features
- Xpedeon provides complete support to transact in multiple currencies. Generate reports in the corporate, branch office, project, or supplier’s currency. The gain or loss accrued due to exchange rate fluctuations is calculated and posted automatically.
- Eliminate the risk of unauthorised payments by creating work flow rules for each document. Specify the people who can view, edit and approve documents, and the limits up to which they can approve documents. Further, restrict who makes payments and to whom – by defining ‘payment groups’.
- Define default payment terms for each supplier/subcontractor at a master level. These are automatically updated while creating an order for the supplier/subcontractor and can be modified if required.
- Block and free payables and suppliers for payment and maintain history of such actions.
- Create proposals and batches of payables for processing by the treasury.

Procurement Invoices
- Customise and create various types of invoices for maximum functionality and efficiency. Create individual invoice types based on factors such as the type of resource (materials, assets, etc.), security requirements, numbering, location, approvals, fields to be displayed, and hard copy formats.
- AP integrates with Procurement to avoid over billing on purchase orders (PO) and goods receipt notes (GRN). Enter the invoice against the PO and GRN and establish a three-way match to ensure that the quantity invoiced does not exceed the quantity received. Alternatively, enter the invoice directly against the PO for a two-way match to ensure that the quantity invoiced does not exceed the quantity ordered.
- Segregate invoices into components such as item, sundries, contras, VAT, withholding tax, etc. to ensure that amounts under each component are booked automatically to the appropriate account and ledger.
- Enter debit and credit notes for the supplier.

Subcontract Payment Certificates
- Create individual types of payment certificates based on factors such as the location of liability, security, numbering, approvals, fields to be displayed, and hard copy formats.
- Payment certificates are displayed in the running bill format, with separate columns for cumulative, previous, and current bills.
- Payment certificates display the following data: Advances (Paid, Recovered, and To Be Recovered), Contract Works (work executed), Extras (work executed against instructions), Discount, Retention To Be Deducted, VAT (labour and non-labour elements), Withholding Tax, and Material on Site (payment and recovery).
- Select the valuations to be included in the payment certificate, if applicable for the work order. In the absence of valuations, directly enter the quantity executed in the payment certificate.
- Include VAT amounts in the payment certificate itself, or use a ‘VAT Only Invoice’ to invoice VAT amounts separately.

Standalone Invoices, Debit & Credit Notes
- Create standalone invoices for small purchases and services which do not originate from a purchase order or work order.
- Easily add sundries and contras in the invoice / payment certificate, or create separate debit and credit notes in the form of sundry and contra documents.
- Adjust advances, debit notes, and credit notes within invoices, to impact appropriate accounts.
- Import data from external sources (spreadsheet and CSV files) to create sundry and contra documents.
Software Solutions for the Construction Industry

**Accounts Receivable**

Xpedeon’s Accounts Receivable system goes beyond recording invoices and receiving payments. The system helps you to record and track all amounts owed to your company. You can organise and analyse dues by project, client, due date, invoice type, etc., giving you control over your cash inflows. The system handles the following:

- **Contract based applications and certificates for payment.**
- **Invoices for plant hired out to customers.**
- **Standalone invoices.**

Invoices can be created flexibly and sent to clients in the format required, either electronically or as a print.

**LEVERAGE INTEGRATION TO BUILD STRONG CLIENT RELATIONSHIPS**

The AR module helps you provide a superior level of service and support to clients. It is fully integrated – with access to Contract Management, Nominal Ledger, Bank & Cash, and Plant modules. Your AR staff can fine-tune customer relations by keeping track of important client-related information across modules, drilling down to source transactions (originating in contract management and plant systems) for prompt replies to queries, managing outstanding balances, and viewing the status of projects online.

**ACCELERATE REPORTING FOR EFFECTIVE MANAGEMENT**

The system equips you to handle all internal and client requests for information pertaining to your contracts and receivables.

Users can interrogate invoice information using a number of search parameters, such as entity (company, branch, or project), document reference number, client, account code, invoice date, overdue period, outstanding amount, etc. In-built reports such as Invoice Register, Aged Balance List (by client), Aged Invoice Balance List (by invoice), AR Ledger, Income Ledger, etc. aid you to operate more efficiently and make business decisions with greater insight.
Xpedeon provides complete support to transact in multiple currencies. Generate reports in the corporate, branch office, project, or client’s currency. The gain or loss accrued due to exchange rate fluctuations is calculated and posted automatically.

Define default payment terms for each client at a master level. These are automatically updated while creating an invoice for the client and can be modified if required.

Create customised output formats for various AR documents such as invoices, statements, applications, and certificates.

Print and dispatch invoices and statements of account to your clients; or send the same electronically via e-mail or fax.

The Accounts Receivable software is fully integrated with the Bank and Cash module, for complete bank reconciliation.

Review client statistics at the touch of a button. View up-to-the-minute information on current balances, invoices due, and aging positions for each client.

Xpedeon supports a two stage process consisting of ‘Applications’ and ‘Certificates’. Users can specify for each contract, whether Applications are to be implemented or not. Certificates can be entered for the contract, against applications.

Enter the applications and certificates as an itemised BoQ or as a Stage Payment Matrix (tick sheet).

Applications and certificates are displayed in the running account format; with separate columns for cumulative, previous, and current values.

View the invoice details under the following headings: Advances (Paid, Recovered, and To Be Recovered), Provisional, Contract Works (work executed), Extras (work executed against variations), Discount, Retention, VAT, Withholding Tax, and Material on Site.

In the absence of a contract scope, invoice ‘provisionally’ and subsequently adjust such provisional invoicing when the scope is available.

Adjust advances, debit notes, and credit notes within invoices, to impact appropriate accounts.

Xpedeon automatically posts invoices created for plant hired out to clients, into the AR Ledger. It ensures that allowances and bonuses captured on the timesheet for operated plant are billed to customers and are not missed.

Specialised formatting is available for plant hire invoices based on the type of hire.

Create standalone invoices for sales and services such as cost reversals (sale of scrap, etc.), sale of inventory items (trading), services, etc.

Create summary or detailed invoices by entering individual items and calculate taxes.

Import data from external sources (spreadsheets and CSV files) to create invoices quickly. Xpedeon interfaces with other external retail trading systems to help you manage all your receivables in a single system.
Bank & Cash

FOCUS ON CONTROL OF PAYMENTS, RECEIPTS, & RECONCILIATION

Powerful Bank & Cash management is vital for the success of any business. Xpedeon offers an effective and robust solution, which gives you complete control over your day-to-day bank and cash related activities such as managing multiple bank and cash accounts in different currencies, handling various types of transactions such as cheques and electronic transfer, recording payments and receipts, and reconciling accounting and bank records efficiently.

The system provides you with a clear view of the total inflow and outflow of cash in your organisation. You can see which payments and/or receipts impact your cash and bank position at any point, helping you in taking decisions for optimum utilisation of your money.

LEVERAGE INTEGRATION FOR CASH FLOW MANAGEMENT

The Xpedeon Bank & Cash process is seamlessly integrated with the Accounts Payable, Accounts Receivable, and Nominal Ledger modules, which ensures that all payment and receipt related accounting entries immediately get reflected in bank & cash account balances. Thus, accurate cash and bank positions are always available in real time.

Xpedeon also provides comprehensive future cash requirements reporting considering commitments made across the system, powerfully assisting corporate treasuries in managing cash flows. This helps you to manage your capital effectively and take advantage of interest earning and revenue generation opportunities.

ACCELERATE DECISIONS THROUGH ACCURATE AND TAILORED REPORTING

Xpedeon provides direct insight into each step involved in the Bank & Cash process through various customisable reports. You can track when cheques have been cleared, what transactions are outstanding, the balance is in your bank and cash accounts, how much money you have paid as advance, and through which invoice the advances have been settled. This gives you the exact position of the money in your organisation. It can be viewed at any time so you always have the required information at your fingertips.

While viewing the reports, you can examine the underlying data or any supporting documents using the advanced ‘Drill-Down’ feature. It enables you to traverse information from different modules of the system. Automated document routing, approvals, and real time data availability result in improved accuracy and reduced processing time.

Bank Book

Bank Reconciliation
Effective Bank and Cash Management

- Define multiple bank and cash accounts. Operate accounts in any currency.
- Link bank and cash accounts to locations such as head office, branches, or projects so that effective control over who has access to confidential bank and cash transactions and account information can be defined.
- Control overdraft limits to reduce the risk of default and large losses.
- Effectively manage the issue and receipt of Post Dated Cheques. View comprehensive reporting on such cheques and track when they become due.
- Create petty cash accounts and link them to individuals within the organisation, thus enabling such transactions to be tracked properly.

Simplified Payment Processing

- Xpedeon supports various payment modes – cheques, electronic transfers, etc.
- Easily manage cheque runs and history. You can enter, edit, print, reprint, confirm reprint, reverse reprint, and void cheques.
- Payments can be made for payroll, invoices, subcontractor payment certificates, ad-hoc expenses, advances, etc.
- Process payments for each vendor through bank payment notes; or process multiple payments in a ‘Payment Batch’ based on the Aged Payables. Print, email or fax remittance advices. Print cheques or generate electronic transfer payment runs for submission.
- Filter payables based on their payment mode.
- The system provides comprehensive support for part payment of payable items.
- The direct payment feature allows for simplified cash and bank expensing, without an entry in accounts payable, such as for payroll tax deposits and other direct payments.
- Prepay against invoices that you have not yet received i.e. make payments in advance.
- Manage petty cash disbursements.

Receipt Management

- Enter bank and cash receipts in batches. Once a receipt gets approved, allocate it to any outstanding debt, to close the debt.
- Process miscellaneous non-invoiced bank and cash receipts.
- Comprehensive receipt registers aid users in identifying parties from which payments are yet to be received for effective follow-ups.
- Receive advances from customers and effectively track them against a contract.

Inter Company and Inter Account Fund Transfer

- Transfer funds between accounts (Bank/Cash), and between companies. This reduces the time and efforts involved in inter-company and/or inter-account fund transfer.
- The system automatically posts transactions for entries of payments and receipts occurring during such fund transfers.

Quick and Easy Bank Reconciliation

- Xpedeon facilitates quick reconciliation against bank statements through a simple to use system. Users can review all transactions impacting bank accounts, select individual or multiple clearing items, and make necessary adjustment entries, in case of discrepancies between the statement and bank book.
- Speed up reconciliations with on-screen summaries, including payments in transit, receipts in transit, book balance, statement balance, and reconciled balance.
- Verify that the company’s bank and cash account balances are consistent with the amounts displayed in the bank statement and vice versa.
- Keep record of prior reconciliations for review and reporting purposes.
- Upload bank statements for automatic reconciliation of the bank book with the statement provided by the bank.
**CONTROL THE LIFECYCLE OF ASSETS FROM ACQUIRING TO RETIRING**

Xpedeon’s Fixed Assets module is a comprehensive system that equips you to accurately record, track, depreciate, and dispose off your company’s assets with minimal effort and maximum flexibility. From procurement to disposal, all assets can be maintained, utilised, accounted for, moved, tracked, and disposed off as necessary.

**LEVERAGE INTEGRATION FOR A ‘PER ASSET’ TRIAL BALANCE**

Automatic posting of accounting transactions for capitalisation, expensing, sale, retiring, cost correction, and depreciation ensures that the Asset Ledger is accurate and correct at all times.

Integration with Procurement and Accounts Payable records allow users to capitalise assets without missing a single invoice. Landed costs, duties and taxes, transport, and storage can all be easily tracked and used for capitalisation.

Accurately track all costs of Construction-In-Progress assets across all modules – Subcontracting, Procurement, and Cost Ledger. Capitalise the asset on completion.

Xpedeon supports linking of all transactions related to assets, to an individual asset – thus enabling the company to create a Profit and Loss statement and a Balance Sheet for each asset.

**ACCELERATE PERIODIC AND YEAR-END REPORTING PROCESSES**

Accurate, up-to-date, and flexible reports improve your company’s analytic capabilities and drive better business decisions. Xpedeon equips you with versatile reports that help you effectively manage your fixed assets and keep track of their depreciation, both for tax purposes and for your internal books. You decide which assets and books to include in each report, and how the assets should be sorted and sub-totalled.

Customise reports using the built-in report writer, and use features such as pivot tables to transform your data into strategic decision-making tools that help you manage your business more effectively.
Features

Fixed Assets

**Powerful and User-Friendly Asset Register**

- Control, track, and record changes that occur during an asset's lifetime through a single, powerful, point-and-click asset register. Easily access the complete audit history of an asset — from acquiring and capitalising, to expensing, sale and retiring.
- Categorise assets based on user-defined requirements such as accounting and inventory for flexible reporting.
- Track additions and deletions to the asset cost by creating cost corrections for the asset. Depreciation is calculated separately for each correction giving users complete details.
- Select from automatic or manual numbering for assets, cost corrections and documents such as capitalisation, sale, expensing, and retiring.
- Add user-definable fields to enable the storage of information unique to each individual asset.

**Depreciation**

- Define multiple depreciation books based on your tax and accounting needs.
- Create depreciation calendars as per the company’s requirements. Define monthly, quarterly, or half-yearly sub-periods for each calendar for periodic calculation of depreciation.
- Select from a list of internationally agreed depreciation methods that do not require users to add their own formulae. Select the appropriate depreciation method individually for each asset and depreciation book.
- Calculate depreciation, for a company and a depreciation period, in a single, easy step — by simply clicking the 'save' button.
- Perform depreciation re-runs easily.
- View both — current and forecast — depreciation details for each asset or for groups of assets. Access overall data such as gross block, accumulated depreciation, net book value, and period data such as period depreciation charge, and year-to-date depreciation.
**Control Your Plant – Know What You’ve Got and Where It Is**

Managing owned and hired plant and ensuring maximum utilisation is a key challenge construction businesses face. Xpedeon empowers you to track the availability, location, and usage of each plant - ensuring that it is not left under-utilised at any point.

The system supports multiple plant custodians, warehouses and yards. Custodians own the plant and can deploy it at an internal project or hire it out to customers. Plant can also be deployed on a standalone basis for maintenance, repairs and servicing.

Easy-to-use screens allow users to track movement of all plant – from ‘On Hire’ to ‘Off Hire’ – ensuring that plant never get ‘lost’.

**Leverage Integration for Plant Specific Profit Reporting**

The Plant module seamlessly integrates with other modules – from Procurement and Fixed Assets to Inventory, Financial Accounting, Budgets & CVR, and Timesheet and Payroll. Complete integration enables ‘Profit Reporting’ for each piece of equipment without duplicate data entry and 100% accuracy.

Revenue generated for each plant – either through internal hire charges or through rental to outside companies – is automatically calculated and recorded.

All associated costs are linked to individual plant and can be charged to the project at which the plant is deployed (materials issued such as fuel and oil) or to the custodian (depreciation, maintenance and repair costs) depending on the type of expense.

**Accelerate Decisions Through Detailed Reports**

Powerful and comprehensive reports provided by the system equip you to analyse data from every angle. From quick scheduling to profitability, Xpedeon provides detailed reports which enable you to make quick decisions.

Users can view costs and revenue by plant, custodian, or project. Xpedeon displays the rental and project hire charges along with the corresponding cost for each plant.

Xpedeon tracks and displays the total hours utilised, thus giving you the revenue, cost and profit (or loss) per hour. Apart from this, the system also records measures such as meter reading (miles / kilometers), no. of trips and so on, giving you the revenue, cost and profit (or loss) per measure.
Plant Deployment

- Deploy plant against requisitions received from projects or against orders received from external companies.
- Easily view plant availability along with its current location to ensure optimum utilisation.
- Create appointments for individual plant codes against requisitions or on a standalone basis. Additionally book appointments for operators required for the plant during deployment.
- Book carriage and carriage operators for transportation of plant to be deployed.
- Capture additional deployment details by adding custom fields.
- Log actual ‘On Hire’ and ‘Off Hire’ dates of plant deployed.
- Track complete usage of plant in terms of utilised hours, standby hours, and breakdown hours as well as for measures such as meter readings (miles / kilometers), number of trips, etc.
- In case of unavailability of internal plant, forward the requisition to the purchase department for hire from equipment rental companies.
- Deploy plant on a standalone basis, for maintenance, repairs, and servicing.

Complete Visibility through the Resource Diary

- The powerful and graphical Resource Diary makes easy work of planning plant bookings. It provides complete visual access to plant availability, selection, scheduling, and deployment.
- View existing appointments for plant and schedule new appointments in a single click. Additionally, appointments for plant operators, carriage, and carriage operators are also displayed in different colours.
- Customise the layout to view appointments by month, week, or day.
- Achieve effective forward planning by creating provisional bookings.
- Create multiple appointments for different plant codes in case of partial availability.
- Simple drag-and-drop operations let you quickly cancel, reschedule, or duplicate appointments.

Flexible Pricing Mechanism for Hire Charges

- Define custodian-specific Rate Catalogues.
- Create individual catalogues for deployment at internal projects and for rental to external companies. Catalogues with special rates for individual customers can also be entered.
- Define hire charges on an hourly, daily, weekly, and monthly rate schedule with slabs for partial periods. Deploy a plant code at different rates for different deployments, as required.
- Hire charge rates can be flexibly specified at any level – category of plant, plant type, or for a plant code as required by your company. The system automatically picks up the relevant rate.
- Levy separate charges for delivery and pickup of plant.
- Hire charges are calculated separately for each plant code. Based on the option selected, the system automatically creates invoices on a completion or recurring basis.
- Users can customise invoice formats as required by the company.
Eliminate the administrative burden and clerical errors resulting from manual timesheet preparation. Xpedeon has a powerful timesheet interface with which you can easily track employee hours, leave, accruals, and adjustments. The system adapts easily to your organisation’s structure; and gives you the convenience to capture data using fully customisable forms.

**TAKE CONTROL OF YOUR DATA**

Xpedeon integrates seamlessly with third party payroll software. Online timesheets get exported into the payroll system for processing without any duplicate entry, enabling the payroll team to work quickly and efficiently.

After the payroll is processed, payroll data is imported into Xpedeon with a single click. With automatic updates to the nominal ledger and project costing, payments can be processed with ease; thus dramatically reducing the time and effort invested in payroll processing.

**LEVERAGE INTEGRATION**

Timesheet tracking makes sense only if the timesheets are accurate and are submitted on time. Xpedeon ensures accurate timesheet entry by providing easy, fast, and user-friendly input forms. Employees can log their own timesheets online, or timesheet personnel can enter timesheets using mass data entry forms.

Managers can compile timesheets across jobs and locations and analyse them for accuracy along with detailed job and labour distribution.
Features
Timesheet & Payroll

Employee Records

- Maintain detailed employee records including employment history, contact details, certifications, insurance, bank accounts, performance details, payment terms, etc.
- A single point employee card allows users to view all information relating to the employee, in a central location - from attendance and absence to advances and salary paid.

Timesheet Setup

- Create payroll groups such as staff and labour, as per your company’s requirements.
- Define pay frequencies as monthly or weekly for payroll groups.
- Set-up timesheet input codes for tracking time paid at different rates, such as overtime and time-off.
- Create custom timesheet types based on the presentation format, and parameters such as work drive span.
- Define users who can access each type of timesheet for complete security.

Entering Timesheets

- Eliminate time-consuming and administrative tasks associated with collecting and entering employee timesheets.
- Easy access to web-browser timesheets makes it simple for employees to enter time at their convenience. Alternatively, timesheet managers can enter timesheets directly into the system using rapid-entry tabbed grids or upload spreadsheet files containing timesheet data. Time-saving features include data entry using mnemonics and user defined formatting of the timesheet by day or project/plant.
- Enter the timesheet per project. For plant operators enter the timesheet per plant.
- Record actual time worked in hours or flat amounts such as bonus payable against timesheet input codes.
- Specify validations to ensure that time entered does not violate rules and policies such as maximum amount payable or maximum number of overtime hours per day.
- Eliminate delays in the payroll process with insightful exception reporting such as missing and incomplete timesheets, as well as summarisation of timesheets by timesheet input codes and project.

Interface with Payroll

- Export timesheet data effortlessly into the payroll software, without re-entry.
- After payroll calculation, import figures into Xpedeon with a single click.
- Apportionment across projects is done by Xpedeon automatically thus giving accurate payroll costing for each job. Apportion expenses manually, if timesheets have not been entered.
- Transactions are posted automatically to the appropriate accounts and cost heads.
- Process quick and accurate payroll without much user intervention.