



EPICOR
Authorised Partner



A Vertical ERP Solution for Construction and Engineering Industry





Saturn is specially designed for
Construction & Engineering Industry

It is the culmination of
over 20 years of Epicor implementation for
Construction & Engineering Industry



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- Tender Management
- Contract Management
- Job Management
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- Purchase Management
- Inventory Management
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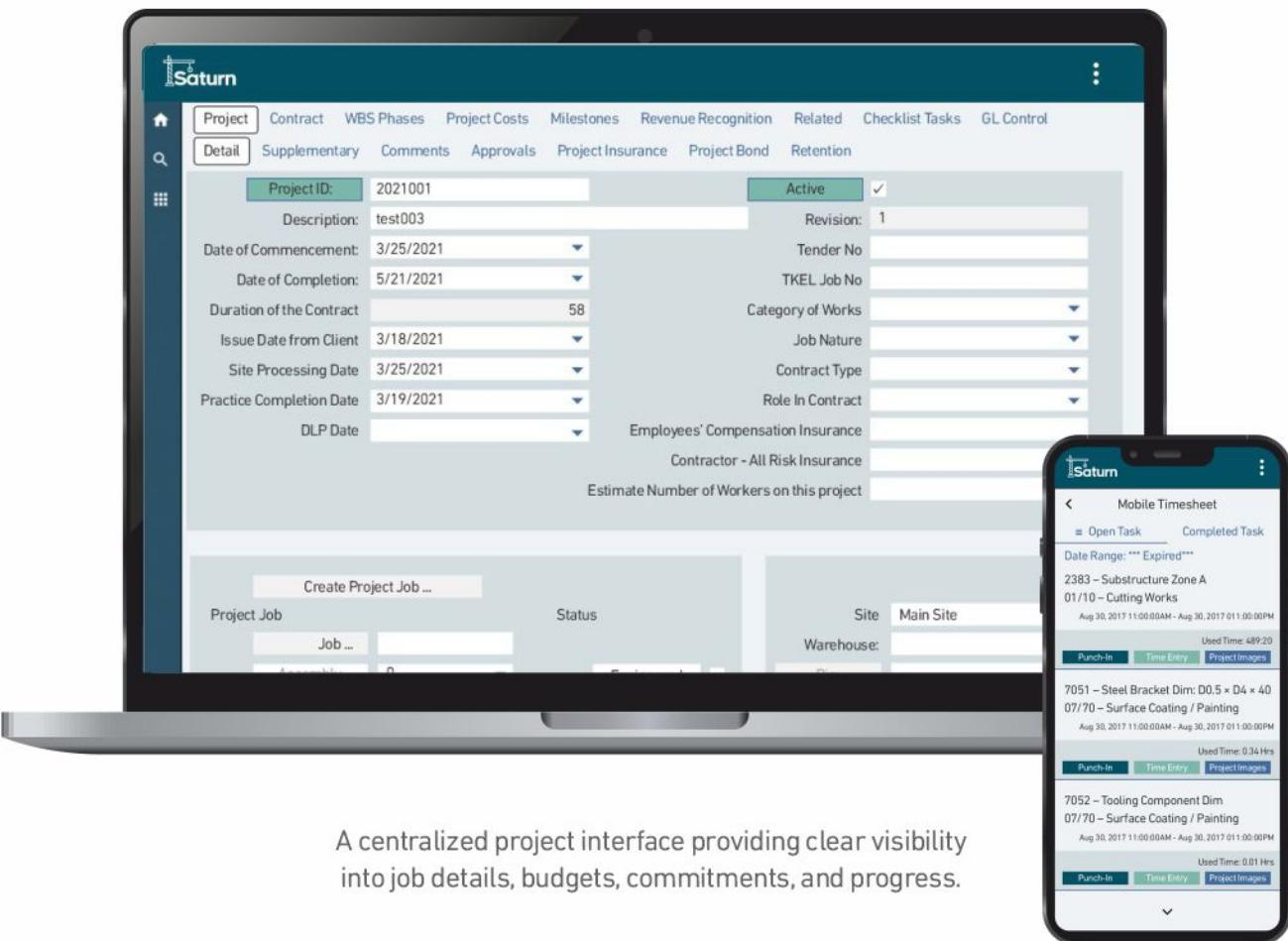
- Tender Management
- Quotation Management
- Project Management
- BQ (Bill of Quantities) Management
- Advance Budget Management
- Variance Order Management
- Contract Management
- Mobile Execution and Site Operations
- Management Dashboards
- Project Report Analysis

What is Saturn?

Saturn is a purpose-built ERP vertical solution developed by iTTG, leveraging the powerful Epicor ERP platform. It is specifically designed to address the complexities and project-driven workflows of the construction and engineering industry.

From tender preparation and contract control, through project execution, procurement, site operations, and cost management, Saturn provides an end-to-end system that delivers real-time visibility and control across every stage of your projects.

Unlike generic ERP systems that require heavy customization, Saturn comes with pre-configured modules tailored to construction and engineering best practices. This reduces implementation time, minimizes operational risks, and enables project teams to manage jobs, costs, and resources with greater accuracy and confidence.



A centralized project interface providing clear visibility into job details, budgets, commitments, and progress.

“Saturn isn’t just an ERP system. It’s a construction and engineering expert, built into your workflow.”

A clean, mobile-friendly view of project and site information — enabling teams to stay connected on-site and on the go.

Generic ERP

- Built for general business automation
- Limited support for project-based operations
- Relies on spreadsheets for job costing
- Weak integration between project and finance
- Poor control over variations and changes
- Limited visibility across sites and teams

Saturn ERP

- Designed for construction & engineering projects
- Native support for tender-to-project workflows
- Real-time job costing and budget control
- Integrated project, procurement, and finance
- Built-in variation and change management
- Full visibility across projects and sites

Why Generic ERP Falls Short — and How Saturn Excels

The Limits of Standard ERP

Standard ERP systems are not designed for the project-driven nature of construction and engineering. From managing tenders and contracts to controlling job costs, variations, and site execution, many teams are forced to rely on spreadsheets and disconnected systems.

As projects grow more complex, these manual workarounds often lead to cost overruns, delayed billing, and a lack of real-time visibility — making it difficult for management to stay in control.

Saturn Solves This with Built-in Intelligence

Saturn is designed specifically for construction and engineering operations, embedding project intelligence directly into the ERP system. It connects commercial, operational, and financial data into one unified platform — enabling teams to manage projects with clarity and confidence.

- Real-time job costing and budget tracking
- Integrated contract and variation control
- Project-driven procurement and inventory
- Site-level visibility into labor and expenses
- Financial alignment from project start to billing



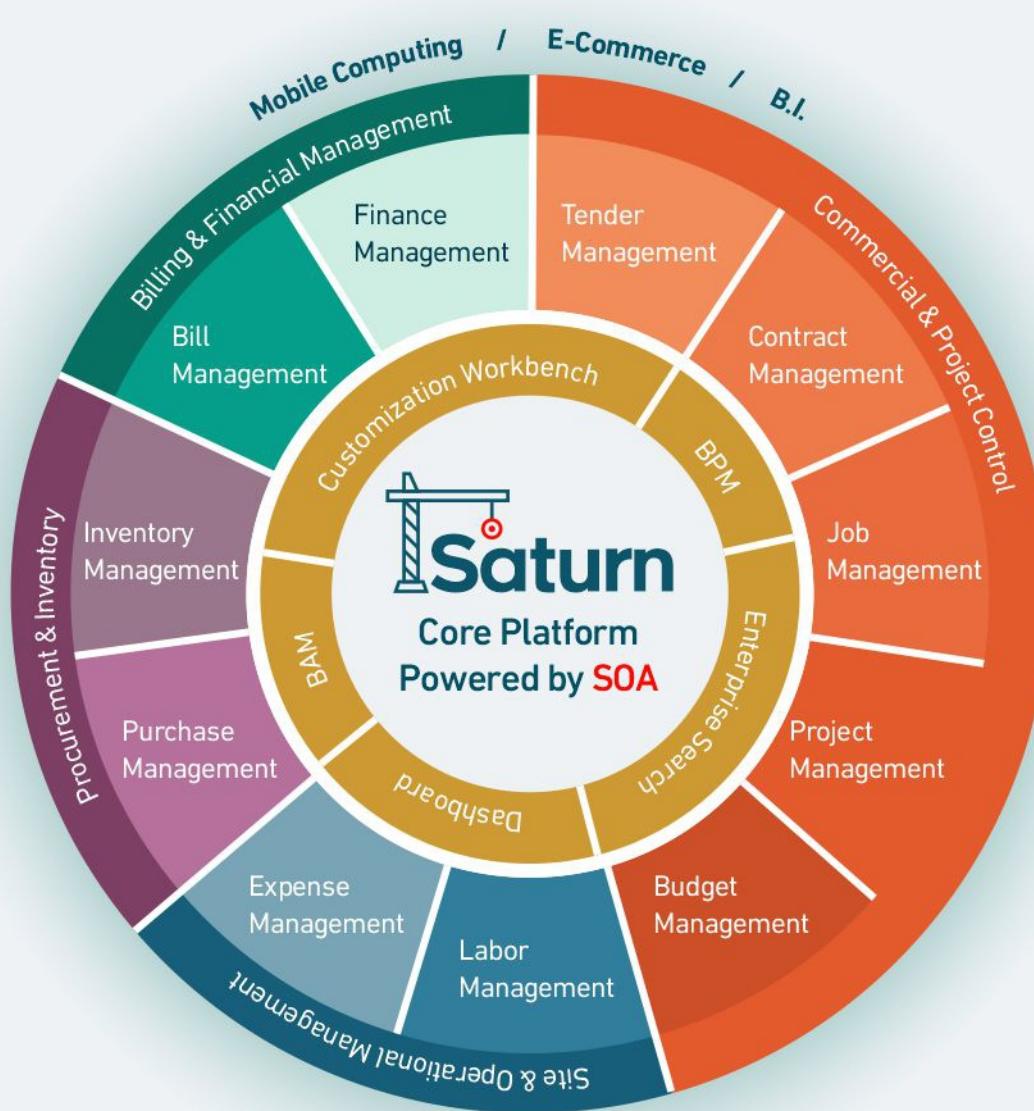
Key Benefits to Your Business

Saturn not only solves operational challenges — it also delivers tangible, measurable benefits that help construction and engineering companies operate more efficiently, make better decisions, and grow with confidence.

- **Control:** Gain real-time visibility into project costs and margins
- **Accuracy:** Reduce manual errors in costing, billing, and reporting
- **Efficiency:** Streamline collaboration across project, site, and finance teams
- **Confidence:** Make informed decisions with reliable, up-to-date data
- **Scalability:** Support multiple projects, sites, and regions with ease

○ Saturn ERP: A Fully Connected, Project-Centric Architecture for Construction & Engineering

- Analyze
- Web
- Email
- Interaction
- Internet
- Social
- Mobile
- Kiosk



A Layered Architecture Built for Construction & Engineering

Saturn ERP is purpose-built with a layered design that mirrors how modern construction businesses operate — from core technology to peripheral integration. Each layer plays a distinct role in delivering speed, visibility, and adaptability across the organization.

Core Foundation: SOA

A flexible, scalable architecture that connects every part of the system and supports future growth with seamless integration.

Platform Capabilities

Essential tools like customization, workflow automation, and dashboards that help users work faster, smarter, and with real-time insight.

Functional Modules

Industry-specific logic designed to handle daily construction operations with accuracy, consistency, and efficiency.

Extended Capabilities

Mobile, e-commerce, and BI tools extend ERP functionality to anywhere, keeping teams agile and informed.

Peripheral Integration Areas

Touchpoints like web, email, mobile, and kiosk connect Venus with people, partners, and platforms across the supply chain.



○ Tender Management

Winning Projects with Control and Clarity

Tender management is the starting point of every construction and engineering project. From preparing cost estimates and proposals to managing revisions and approvals, even small errors at this stage can lead to margin erosion and disputes later.

Saturn Tender Management provides a structured, centralized workflow that helps teams prepare accurate tenders, control assumptions, and respond faster — laying a solid foundation for profitable project execution.

- **Centralized Tender Repository** — Manage all tender documents, drawings, and versions in one place.
- **Cost & Estimate Consolidation** — Build tenders using structured cost components and assumptions.
- **Revision & Version Control** — Track tender changes, comparisons, and submission history clearly.
- **Approval Workflow Automation** — Route tenders for internal review and management sign-off.
- **Tender-to-Contract Handover** — Seamlessly convert awarded tenders into contracts and projects.

“Before Saturn, tender preparation was fragmented and hard to control. Now we have full visibility into costs, revisions, and approvals — before we submit.”



○ Contract Management

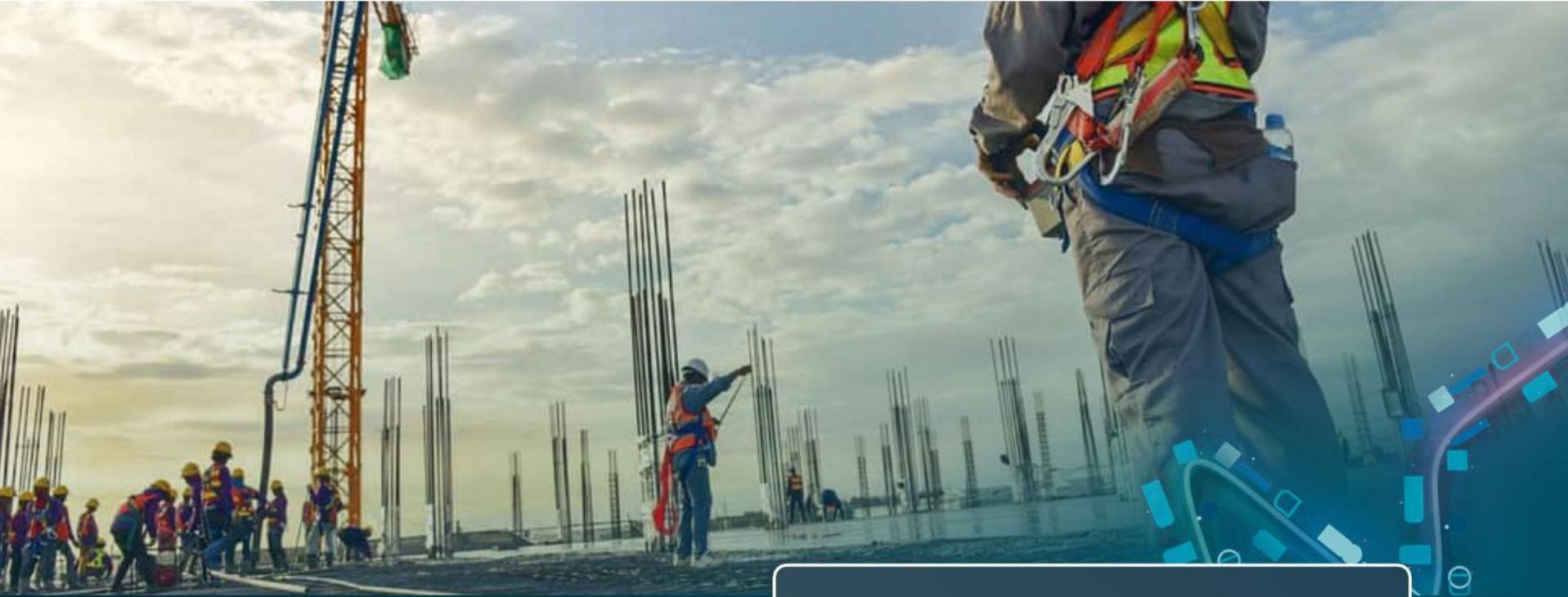
From Agreement to Execution — Fully Under Control

Once a tender is awarded, managing contracts accurately becomes critical to project success. Contract terms, pricing structures, milestones, and variations must be clearly defined and tightly controlled — otherwise disputes, cost overruns, and revenue leakage are almost inevitable.

Saturn Contract Management provides a centralized, structured way to manage the full contract lifecycle, ensuring that commercial terms are enforced, changes are tracked, and execution stays aligned with what was agreed.

- **Centralized Contract Repository** — Store and manage all contract documents, terms, and amendments in one place.
- **Structured Contract Terms & Pricing** — Define contract values, milestones, payment terms, and conditions clearly.
- **Variation & Change Control** — Track contract variations, approvals, and financial impact with full audit history.
- **Contract-to-Project Integration** — Link contracts directly to jobs, projects, and budgets for execution.
- **Compliance & Approval Workflow** — Ensure contracts follow internal approval and governance requirements.

“Contract variations used to live in emails and spreadsheets. With Saturn, every change is tracked, approved, and reflected instantly — no surprises, no disputes.”



Job Management

Turning Contracts into Executable Work

Once a contract is signed, success depends on how well work is structured and executed on the ground. Without clear job breakdowns, responsibilities, and cost tracking, project teams often lose visibility — leading to delays, rework, and uncontrolled spending.

Saturn Job Management transforms contracts into clearly defined, manageable jobs, giving teams a practical framework to plan, execute, and monitor work with confidence.

- **Structured Job Breakdown** — Define jobs, work packages, and activities with clear ownership.
- **Job-Level Cost Tracking** — Monitor labor, materials, and expenses at job level in real time.
- **Progress & Status Monitoring** — Track job progress, milestones, and completion status.
- **Job-to-Project Integration** — Roll up job performance into overall project visibility.
- **Change Impact Visibility** — Instantly see how changes affect job costs and timelines.

“Instead of managing work through spreadsheets and updates, we now run projects job by job — with clear scope, costs, and accountability.”



○ Project Management

Complete Visibility Across Every Project

Managing construction and engineering projects requires more than tracking tasks. Project managers must coordinate multiple jobs, control budgets, monitor progress, and respond quickly to changes — all while keeping stakeholders aligned.

Saturn Project Management provides a single, real-time view of each project, bringing together scope, schedule, cost, and performance so teams can stay in control from start to finish.

- **Project-Level Dashboard** — Monitor overall progress, costs, and key metrics in one view.
- **Multi-Job Coordination** — Manage multiple jobs and work packages within a single project.
- **Budget vs. Actual Tracking** — Compare planned budgets against real-time costs and commitments.
- **Change & Risk Visibility** — Identify potential overruns and risks early, before they escalate.
- **Cross-Team Collaboration** — Align project, site, procurement, and finance teams on the same data.

“What I like most is visibility. I can see where each project stands without chasing updates from different teams.”



○ Budget Management

Keeping Costs Under Control — from Day One

In construction and engineering projects, budgets are constantly under pressure from changes, variations, and on-site realities. Without real-time visibility into committed and actual costs, overruns are often discovered too late.

Saturn Budget Management gives project and commercial teams continuous control over budgets, commitments, and forecasts — helping them act early and protect margins throughout the project lifecycle.

- **Original & Revised Budget Control** — Manage initial budgets and approved revisions clearly.
- **Commitment Tracking** — Monitor committed costs from purchase orders and subcontracts.
- **Actual vs. Budget Visibility** — Compare real-time actual costs against approved budgets.
- **Forecast & Cost-to-Complete** — Predict final project cost based on current trends.
- **Change Impact Analysis** — Understand how variations affect overall project margins.

“We don’t wait until month-end to see cost overruns anymore. If something starts to drift, we know it early and can respond immediately.”



○ Labor Management

Managing Workforce Where the Work Happens

Labor is one of the largest and hardest-to-control cost components in construction and engineering projects. Without accurate, timely visibility into manpower deployment, productivity, and labor costs, project margins can erode quickly.

Saturn Labor Management connects site activities with project and financial control, giving teams a clear, real-time view of labor utilization, costs, and performance across projects and sites.

- **Manpower Allocation & Tracking** — Assign and track labor by project, job, and site.
- **Time & Attendance Capture** — Record working hours accurately from site to system.
- **Labor Cost Visibility** — Monitor labor costs in real time at job and project level.
- **Productivity & Utilization Insight** — Understand how labor resources are being used.
- **Seamless Cost Integration** — Automatically reflect labor costs in project and budgets.

“We used to rely on site reports that arrived days later. Now labor hours and costs are visible almost immediately — even across multiple sites.”



Expense Management

Capturing Every Cost — No Matter How Small

In construction and engineering projects, many costs occur outside formal procurement processes. Travel, site expenses, petty cash, and ad-hoc purchases may seem minor individually, but together they can significantly impact project margins.

Saturn Expense Management ensures that all expenses are captured, approved, and reflected in project costs promptly — giving teams full visibility and control over day-to-day spending.

- **Simple Expense Capture** — Record expenses quickly from site or office.
- **Approval & Policy Control** — Apply approval rules and spending policies consistently.
- **Project & Job Allocation** — Assign expenses directly to projects, jobs, or cost codes.
- **Real-Time Cost Visibility** — Reflect approved expenses immediately in project costs.
- **Audit & Traceability** — Maintain clear records for review, audit, and compliance.

“Small expenses used to slip through the cracks. Now everything is captured and accounted for — without slowing the team down.”



○ Purchase Management

Controlling Commitments Before Costs Escalate

In construction and engineering projects, purchasing decisions directly impact budgets and timelines. Without clear control over purchase requests, approvals, and commitments, costs can escalate long before invoices arrive.

Saturn Purchase Management connects procurement activities directly with projects and budgets, ensuring that every purchase is visible, approved, and aligned with project objectives.

- **Purchase Request & Approval Workflow** — Control requests and approvals before orders are placed.
- **Project-Based Purchasing** — Link purchases directly to projects, jobs, and budgets.
- **Commitment Visibility** — Track committed costs from purchase orders in real time.
- **Supplier & Pricing Control** — Manage suppliers, pricing, and purchasing terms consistently.
- **Seamless Budget Integration** — Reflect purchase commitments instantly in project forecasts.

“We used to see the impact of purchases only after invoices came in. Now we know exactly what we've committed — before costs get out of control.”



○ Inventory Management

Right Materials, Right Place, Right Time

In construction and engineering projects, material availability directly affects productivity and schedules. Missing, overstocked, or misplaced materials can cause delays, waste, and unnecessary costs.

Saturn Inventory Management provides real-time visibility into material movement and availability, helping teams plan usage accurately, reduce waste, and keep projects running smoothly.

- **Multi-Site Inventory Visibility** — Track materials across warehouses, yards, and sites.
- **Project-Based Material Allocation** — Reserve and issue materials by project and job.
- **Real-Time Stock Updates** — Reflect receipts, transfers, and usage immediately.
- **Waste & Shortage Reduction** — Identify excess, shortages, and slow-moving items early.
- **Procurement Integration** — Align inventory levels with purchasing and project needs.

“We no longer discover material shortages when crews are already on site. Everyone knows what’s available — and where — before work starts.”



○ Billing Management

Billing That Reflects Project Reality

In construction and engineering projects, billing is often complex and tightly linked to progress, milestones, and variations. When billing data is disconnected from project execution, disputes arise, cash flow slows, and revenue recognition becomes difficult.

Saturn Billing Management ensures that billing is accurate, timely, and fully aligned with project progress and contract terms — supporting healthy cash flow and financial clarity.

- **Milestone & Progress Billing** — Generate bills based on project milestones or percentage completion.
- **Variation & Change Billing** — Ensure approved variations are reflected accurately in billing.
- **Project-to-Billing Integration** — Link billing directly to project progress, costs, and contracts.
- **Billing Accuracy & Control** — Reduce errors through structured billing rules and approvals.
- **Cash Flow Visibility** — Track billed, unbilled, and outstanding amounts in real time.

“We no longer scramble at month-end to figure out what can be billed. Billing now follows project progress — and cash flow is much more predictable.”



○ Finance Management

Clear Financial Control Across Every Project

In construction and engineering businesses, financial control depends on accurate, timely data from across projects, sites, and departments. When finance operates in isolation, reporting lags behind reality and decisions are made too late.

Saturn Finance Management brings project, operational, and financial data together into one unified system — enabling faster closing, clearer insights, and stronger control over business performance.

- **Project-Integrated Financials** — Reflect project costs, revenues, and margins directly in financials.
- **Real-Time Financial Visibility** — Access up-to-date financial positions without waiting for month-end.
- **Faster Period Closing** — Reduce manual reconciliation and accelerate financial close.
- **Multi-Project & Multi-Entity Support** — Manage multiple projects, companies, and regions with ease.
- **Accurate Reporting & Compliance** — Produce reliable financial reports with full audit traceability.

“Finance used to lag behind project reality. Now our numbers reflect what’s actually happening — and we close the books with confidence.”

○ Multi-Country Construction & Engineering Support

**Built for Global Projects.
Delivered with Local Expertise.**

In construction and engineering industries, success often depends on seamless coordination across borders. **Saturn is designed to support organizations managing projects across multiple countries, sites, and regulatory environments** — while maintaining full control, visibility, and compliance.

What truly differentiates Saturn is not just the system itself, but the people and regional expertise behind it. **With professional service teams based in Hong Kong, Mainland China, Taiwan, Southeast Asia, and supported across Europe and North America, we understand the realities of delivering ERP solutions in diverse project environments.**

Whether you are executing projects across Asia, managing overseas contractors, or consolidating financials across regions, Saturn ensures your operations remain connected, compliant, and scalable.

Regional Enablement Features:

Saturn combines global ERP capability with hands-on regional implementation experience, enabling construction and engineering teams to operate with confidence across borders.

- Cross-border project implementation and rollout support
- Localized support for currency, tax, and compliance requirements
- Unified dashboards across multiple projects, sites, and regions
- Experience with regional regulations, subcontracting, and commercial practices

“We didn’t just choose Saturn for the system — we chose it for the team that understands how construction projects operate across borders.”

○ Operational View –

Tender Management for Construction & Engineering Projects

From Tender Preparation to Project Execution, All in One System

Saturn Tender Management provides a centralized interface to manage tender details, schedules, documents, and commercial terms in a single system.

Teams work with consistent, up-to-date information, reducing errors and improving bid accuracy.

Built on Epicor ERP, tender costing is directly driven by real material prices, labor rates, subcontract costs, and overhead structures — ensuring bids are realistic and aligned with actual execution.

Once awarded, tenders are seamlessly converted into projects and contracts, preserving budgets, cost breakdowns, milestones, and billing terms — eliminating rework and data duplication.

Key Highlights:

- **Centralized Tender Control** — Customer, scope, schedules, and compliance in one interface
- **ERP-Based Costing** — Accurate bids using real material and labor data
- **Approval Workflow** — Review margins, risks, and assumptions before submission
- **Tender-to-Project Continuity** — Preserve budgets and billing terms after award

Centralized control of tender details, costs, and key dates in one unified workspace.

“What we bid is what we execute — no rework, no surprises.”

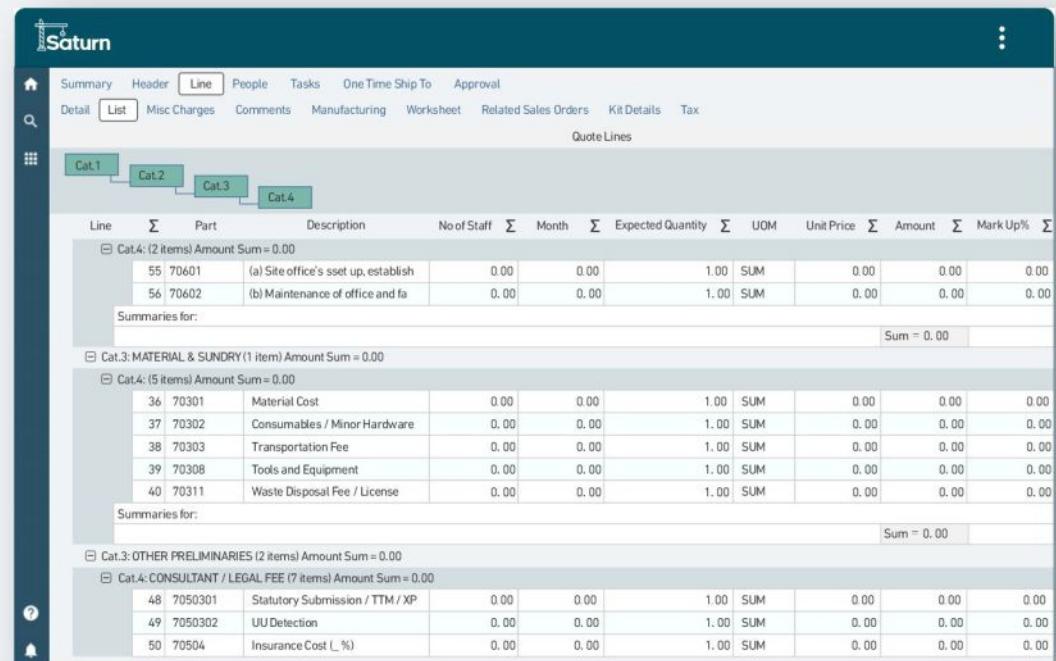
Operational View – Smart Quotation Management for Construction Projects

From Cost Breakdown to Accurate Pricing, Fully Structured

The Quotation Management module provides a clear, structured interface for building project quotations with full cost transparency. **Costs are organized by category**—such as **preliminaries, materials, labor, and statutory items**—making complex quotations easy to understand and control.

By managing quotation lines at a detailed level, teams can define quantities, units, pricing, and mark-ups while maintaining consistency across all cost components. Automatic summaries help validate totals and margins before submission.

Budget Review						
Client Name:		Tong Kee Engineering Limited				
Main Contractor:						
Project No.:						
Project Description:						
Tentative Contract Period:						
Duration of Work:						
Month to be further extended after year-ended date:						
DIRECT COSTS						
7	Job Cost	Qty	Unit	Rate	Amount	
70	Plant	1	unit	20,000	20,000.00	
70101	Rental of Machinery Equip	1	unit	15,000	15,000.00	
70102	Motor Vehicle Expenses					
702	Supervision, Salary & Allowance (sby only)	No. of Staff	Month / Man-day	Salary	Amount	
70201	Project Manager	1	month	55,000	55,000.00	
7020101	Site Agent	1	month	40,000	40,000.00	
7020102	Project Engineer	1	month	38,000	38,000.00	
7020104	Project Coordinator	1	month	28,000	28,000.00	
7020105	Safety Officer / QA	1	month	40,000	40,000.00	
7020106	Leveller	1	month	26,000	26,000.00	
7020107	Quantity Surveyor	1	month	32,000	32,000.00	
7020108	Foreman	1	month	31,000	33,000.00	
7020109	CPNIT	1	month	45,000	45,000.00	
7020110	Fire Marshal	1	month	42,000	42,000.00	
70202	Wages (sby only)					
7020201	Skilled Labourer	1	man-day	1,250	1,250.00	
7020202	Painter	1	man-day	1,400	1,400.00	
7020203	General Welder	1	man-day	1,600	1,600.00	



The screenshot shows a software interface for Quotation Management. The top navigation bar includes links for Summary, Header, Line, People, Tasks, One Time Ship To, Approval, Detail, List, Misc Charges, Comments, Manufacturing, Worksheet, Related Sales Orders, Kit Details, and Tax. Below this is a sub-navigation bar for Quote Lines, with tabs for Cat.1, Cat.2, Cat.3, and Cat.4. The main content area displays a table of quotation lines categorized by these four groups. The table includes columns for Line, Σ, Part, Description, No of Staff, Σ, Month, Σ, Expected Quantity, Σ, UOM, Unit Price, Σ, Amount, Σ, Mark Up%, and Σ. Each category group has a summary row at the bottom. The interface is clean with a dark header and light body, using green highlights for category tabs.

Key Highlights:

- Category-Based Cost Structure** – Organize quotation lines by preliminaries, materials, labor, and fees
- Line-Level Pricing Control** – Define quantity, unit price, and mark-up with precision
- Automatic Cost Summaries** – Instantly consolidate totals and category subtotals
- Quotation-to-Project Continuity** – Ensure pricing aligns with downstream budgets and execution

“Now we can see exactly how the price is built
— not just the final number.”

Operational View – Project Management

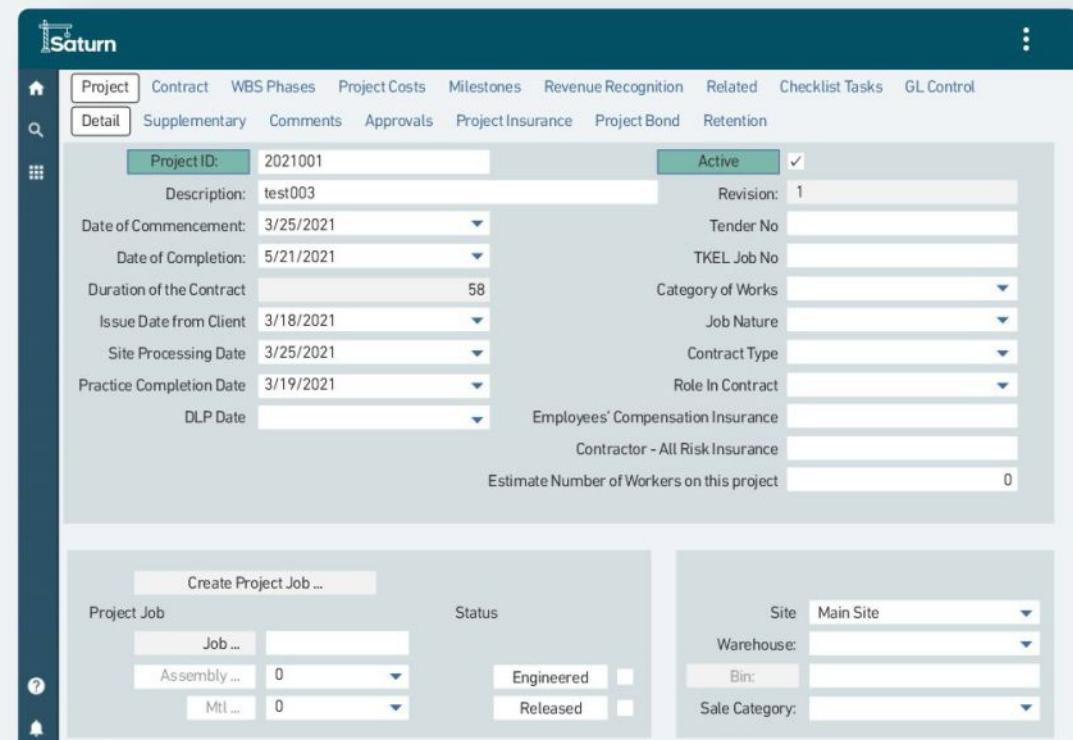
Full Project Control from Award to Completion

Saturn Project Management provides a centralized workspace to manage project details, schedules, roles, and contractual milestones — **all in one integrated interface**.

Project teams can clearly define project scope, timelines, contract duration, and responsibilities from the start, ensuring everyone works with the same, up-to-date project information.

By linking projects directly to contracts, budgets, costs, and revenue rules, Saturn delivers full traceability across the entire project lifecycle — from tender award to final completion.

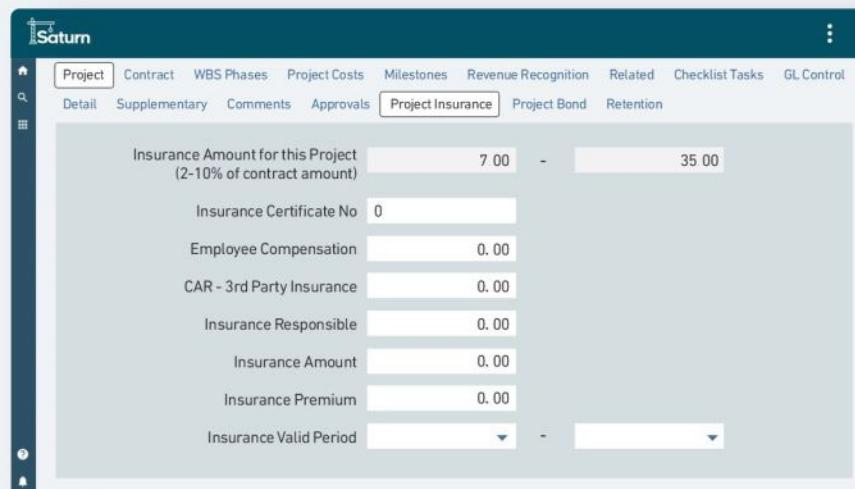
“Once the project is set up properly, execution becomes much easier.”


 The screenshot shows a software interface for project management. At the top, there is a navigation bar with tabs: Project, Contract, WBS Phases, Project Costs, Milestones, Revenue Recognition, Related, Checklist Tasks, GL Control, Detail, Supplementary, Comments, Approvals, Project Insurance, Project Bond, and Retention. The 'Project' tab is selected. Below the navigation bar, there is a form for entering project details. The form includes fields for Project ID (2021001), Description (test003), Active status (checked), Revision (1), Date of Commencement (3/25/2021), Date of Completion (5/21/2021), Duration of the Contract (58), Issue Date from Client (3/18/2021), Site Processing Date (3/25/2021), Practice Completion Date (3/19/2021), DLP Date, Category of Works, TKEL Job No, Job Nature, Contract Type, Role In Contract, Employees' Compensation Insurance, Contractor - All Risk Insurance, and Estimate Number of Workers on this project (0). Below the main form, there are sections for Project Job (Job ..., Assembly ..., Mtl ...), Status (Engineered, Released), Site (Main Site), Warehouse, Bin, and Sale Category.

Key Highlights:

- **Centralized Project Master** – Manage project dates, duration, job nature, and contract details in one view
- **Contract & Insurance Tracking** – Capture bond, insurance, retention, and compliance requirements
- **Milestone & Phase Management** – Structure projects into clear phases for better execution control
- **Cost & Revenue Alignment** – Seamlessly connect project costs, billing, and revenue recognition
- **Execution Readiness** – Convert approved projects into executable jobs without re-entry

○ Operational View –
Project Management (Con't)



Project Insurance Management screen showing fields for Insurance Amount, Insurance Certificate No, Employee Compensation, and other insurance details.

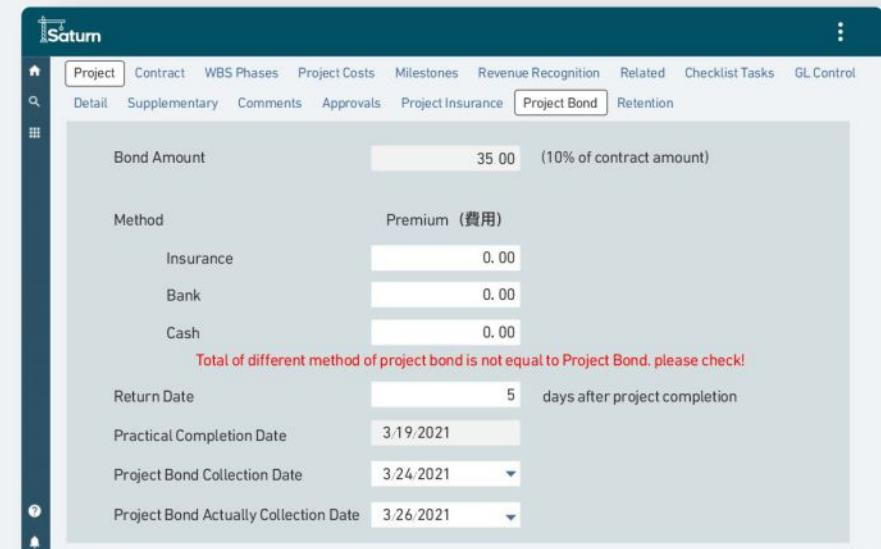
Insurance Amount for this Project (2-10% of contract amount)	7.00	35.00
Insurance Certificate No	0	
Employee Compensation	0.00	
CAR - 3rd Party Insurance	0.00	
Insurance Responsible	0.00	
Insurance Amount	0.00	
Insurance Premium	0.00	
Insurance Valid Period	▼	▼

Project Insurance Management

Centralize project insurance details, including coverage amount, premium, responsible party, and validity period, ensuring compliance and clear visibility throughout the project lifecycle.

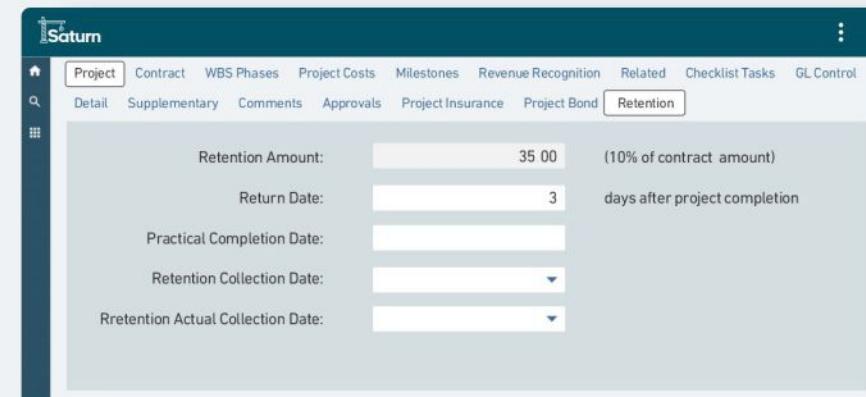
Project Bond Management

Manage performance bonds with clear tracking of bond amount, payment method, return terms, and actual collection dates, reducing financial risk and administrative disputes.



Project Bond Management screen showing fields for Bond Amount, Method, Premium, Return Date, and other bond details.

Bond Amount	35.00	(10% of contract amount)
Method	Premium (費用)	
Insurance	0.00	
Bank	0.00	
Cash	0.00	
Total of different method of project bond is not equal to Project Bond. please check!		
Return Date	5	days after project completion
Practical Completion Date	3/19/2021	
Project Bond Collection Date	3/24/2021	
Project Bond Actually Collection Date	3/26/2021	



Retention Management screen showing fields for Retention Amount, Return Date, and other retention details.

Retention Amount:	35.00	(10% of contract amount)
Return Date:	3	days after project completion
Practical Completion Date:		
Retention Collection Date:		
Retention Actual Collection Date:		

Retention Management

Control retention amounts and recovery timelines with structured tracking of completion dates and collection status, supporting smoother cash flow and contract closure.

○ Operational View –
**Bill of Quantities (BQ)
 Management**

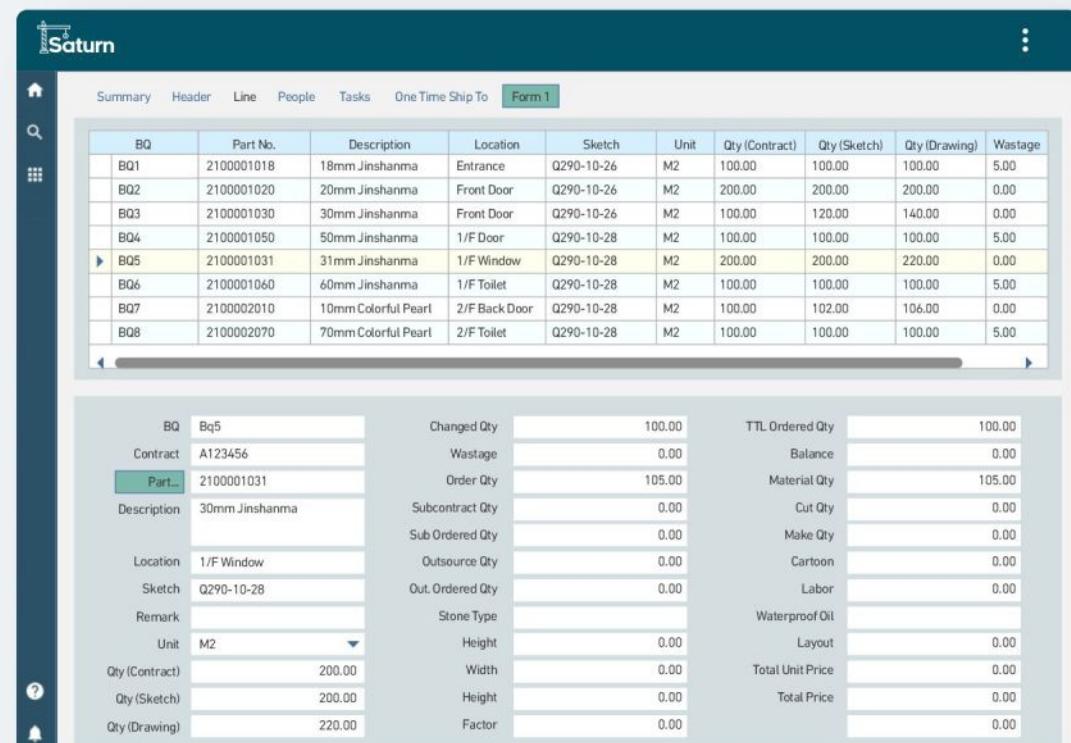
Clear Quantity Control from Contract to Execution

Saturn Bill of Quantities (BQ) Management provides a structured and transparent view of project quantities across the entire execution lifecycle. **By consolidating contract quantities, sketches, drawings, and actual execution data into a single interface, project teams can clearly understand where quantity differences arise and how they impact cost and material usage.**

The system highlights variances, wastage, and adjusted quantities in real time, enabling tighter control over ordering, subcontracting, and site execution. With direct linkage to materials, labor, and production data, Saturn ensures that quantity management remains aligned with actual site conditions, reducing disputes and improving cost predictability throughout the project.

“We finally see where quantity differences come from — before they turn into cost disputes.”

Clear visibility of contract, drawing, and execution quantities for better cost control.



Key Highlights:

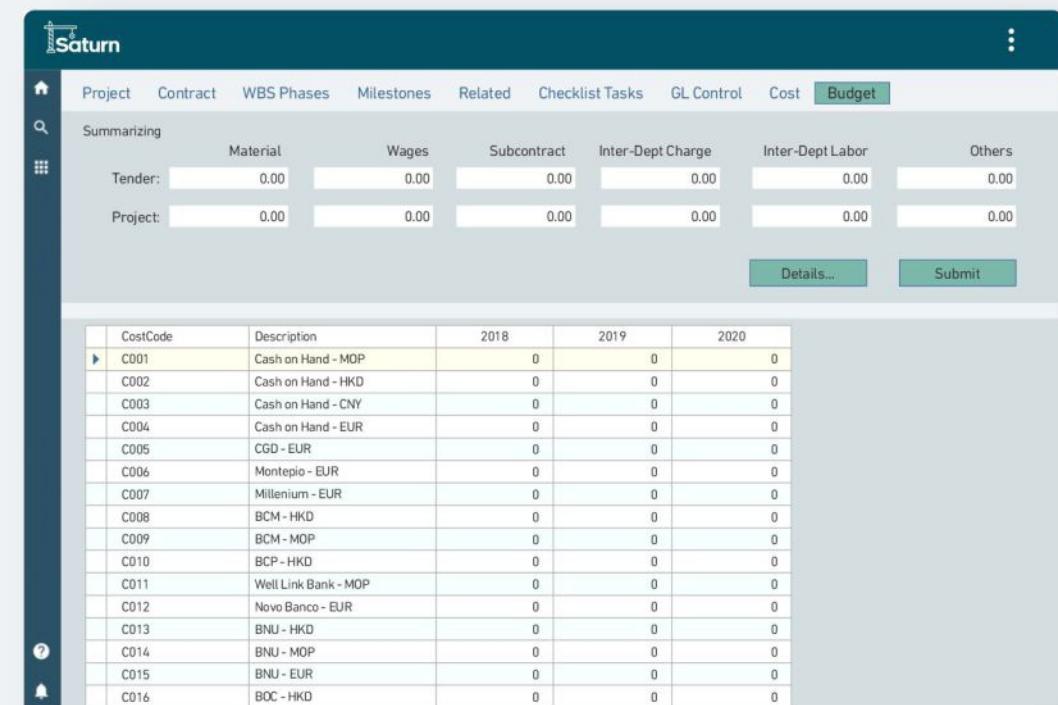
- **Multi-Source Quantity Comparison** – Compare contract, sketch, and drawing quantities side by side
- **Wastage & Adjustment Tracking** – Built-in visibility of wastage and changed quantities
- **Material & Order Control** – Link BQ directly to material orders, cutting, and production quantities
- **Real-Time Balance Monitoring** – Instantly see ordered, used, and remaining quantities

Operational View – Advanced Budget Management

Multi-Year Budget Control with Real-Time Visibility

Construction projects often span multiple years and cost phases. **Saturn Advanced Budget Management provides a structured view of project budgets by fiscal year, cost code, and cost category, ensuring spending plans stay aligned with project timelines and cash flow expectations.**

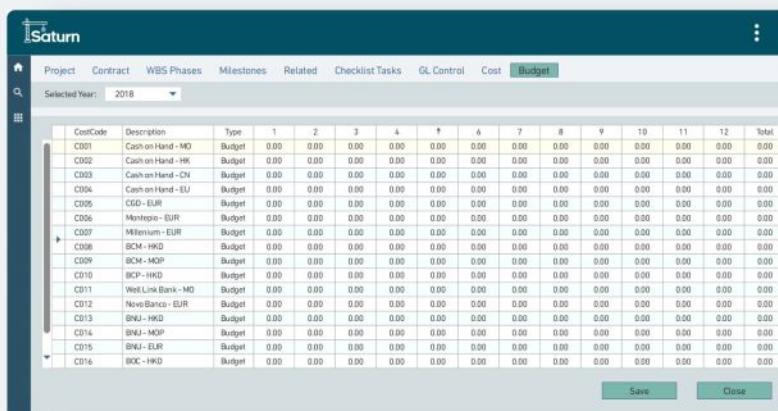
Budgets are fully integrated with procurement, timesheets, expenses, and subcontractor costs. As commitments and actuals are posted, budget consumption and variances are updated in real time, giving management early warning of overruns and margin risks.



The screenshot shows the Saturn Advanced Budget Management interface. At the top, there is a navigation bar with tabs: Project, Contract, WBS Phases, Milestones, Related, Checklist Tasks, GL Control, Cost, and **Budget**. Below the navigation bar, there is a summary table with columns for Tender, Project, Material, Wages, Subcontract, Inter-Dept Charge, Inter-Dept Labor, and Others. The summary table shows values for 0.00 across all categories. Below the summary table is a detailed budget breakdown table with columns for CostCode, Description, 2018, 2019, and 2020. The table lists 16 cost codes, each with a description and budget values for three years. The descriptions include Cash on Hand - MOP, Cash on Hand - HKD, Cash on Hand - CNY, Cash on Hand - EUR, CGD - EUR, Montepio - EUR, Millenium - EUR, BCM - HKD, BCM - MOP, BCP - HKD, Well Link Bank - MOP, Novo Banco - EUR, BNU - HKD, BNU - MOP, BNU - EUR, and BOC - HKD. The 2018, 2019, and 2020 columns show values of 0 for all entries.

Key Highlights:

- Multi-Year Budget Planning** – Define and manage budgets across fiscal years
- Cost-Code Level Control** – Track material, labor, subcontract, and internal charges
- Real-Time Budget vs Actual** – Immediate visibility into commitments and spend
- Variance Monitoring** – Identify risks early and take corrective action
- Controlled Budget Adjustments** – Maintain audit trails for revisions and re-forecasting



The screenshot shows the Saturn Advanced Budget Management interface. At the top, there is a navigation bar with tabs: Project, Contract, WBS Phases, Milestones, Related, Checklist Tasks, GL Control, Cost, and **Budget**. Below the navigation bar, there is a dropdown menu for 'Selected Year' with '2018' selected. Below the dropdown is a detailed budget breakdown table with columns for CostCode, Description, Type, and months 1 through 12, followed by a 'Total' column. The table lists 16 cost codes with their descriptions and budget values for each month. The descriptions include Cash on Hand - MOP, Cash on Hand - HKD, Cash on Hand - CNY, Cash on Hand - EUR, CGD - EUR, Montepio - EUR, Millenium - EUR, BCM - HKD, BCM - MOP, BCP - HKD, Well Link Bank - MOP, Novo Banco - EUR, BNU - HKD, BNU - MOP, BNU - EUR, and BOC - HKD. The table includes 'Save' and 'Close' buttons at the bottom.

"We no longer wait until month-end to see problems — budget risks are visible as soon as they happen."

○ Operational View –
Variance Order Management

**Controlled Change,
 Clear Financial Impact**

Saturn provides a structured operational interface to manage all project variation orders in a controlled and auditable manner. **From scope change request to approval and financial update, every variation is clearly tracked to protect margins and contractual compliance.**

Approved variations automatically update budgets, project costs, and contract values, ensuring management always sees the latest financial position without manual recalculation or rework.

“Every change is approved with clarity — we know why it changed, who approved it, and how it affects the project.”

Key Highlights:

- **Centralized VO Capture** – Record scope changes with contract, project, location, and reason details
- **Approval Workflow Control** – Enforce multi-level authorization before variations proceed
- **Budget & Cost Integration** – Automatically update project budget, forecast, and cost impact
- **Contract Value Adjustment** – Sync approved variations to revised contract values
- **Billing & Claim Readiness** – Link variations directly to quotation and invoicing

Capture and approve variation orders with clear visibility into scope, cost, and contract impact. Approved changes automatically update project budgets and contract values in real time.

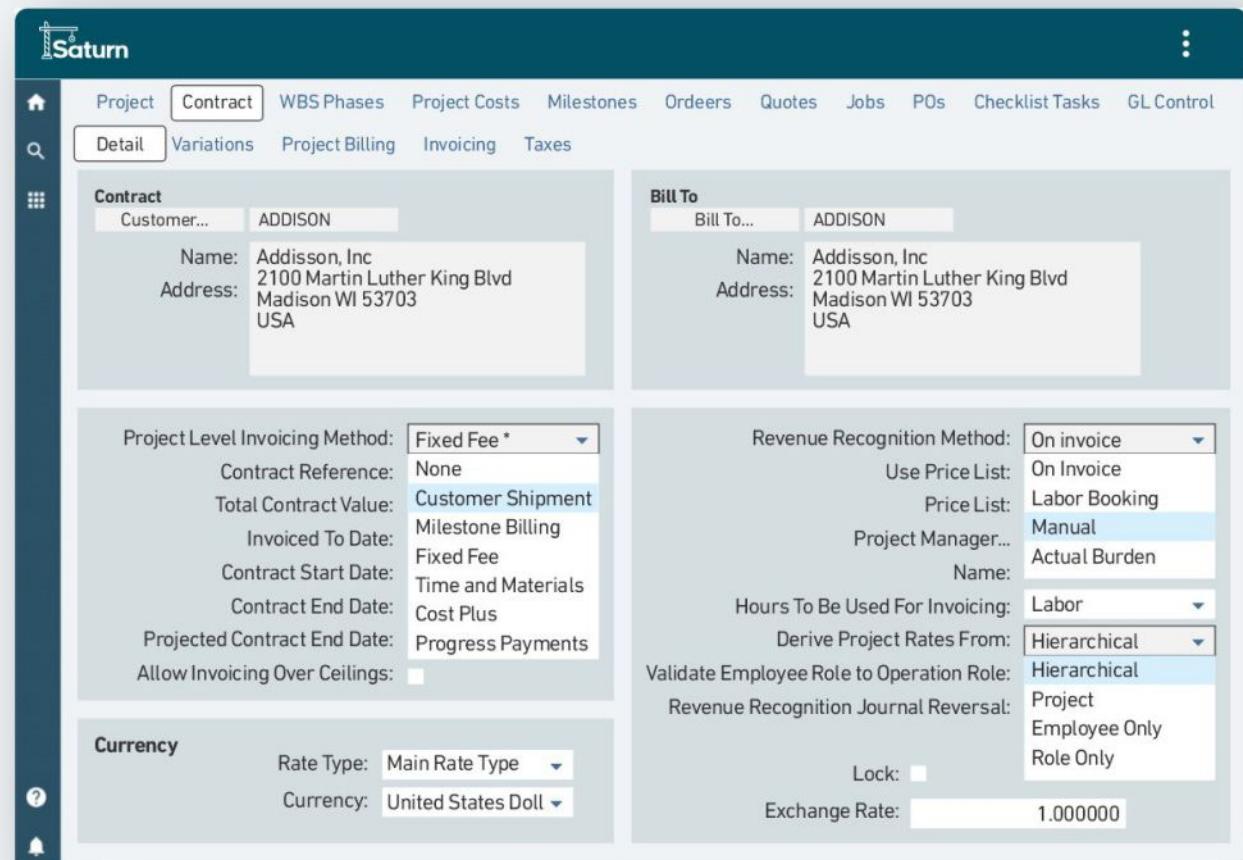
Operational View – Contract Management

Define flexible billing, revenue recognition, and labor rate rules by project within a single contract.

Flexible Control Over Project Contracts and Billing

Saturn Contract Management provides a structured way to manage project contracts, billing terms, and revenue rules within a single integrated system. Contract values, billing methods, and recognition rules are defined at project level, ensuring commercial terms are clearly applied throughout project execution.

By integrating contract data with project cost, billing, and general ledger, Saturn delivers real-time visibility into revenue progress, cash flow, and margins. This allows management to monitor financial exposure, reduce disputes, and maintain stronger control from contract award to project close-out.



Key Highlights:

- Multiple Billing Terms** – Support fixed fee, time & materials, cost plus and milestone billing
- Revenue Recognition Control** – Apply invoice-based, labor-based or manual recognition methods
- Project-Based Rate Rules** – Define labor and billing rates by role, employee or project
- Financial Integration** – Seamlessly link contracts with project cost, billing and GL
- Lifecycle Visibility** – Maintain margin and cash flow control from award to close-out

“When contract terms, billing, and costs are connected, we can manage projects with far more confidence.”

○ **Operational View –
Mobile Execution & Site Operations**

**From Site Inspection to
Work Progress Update
All in One Mobile Platform**

Saturn Mobile Execution enables site teams to capture inspections, labor activities, schedules, and work progress directly from the field, ensuring accurate and timely data at the source.

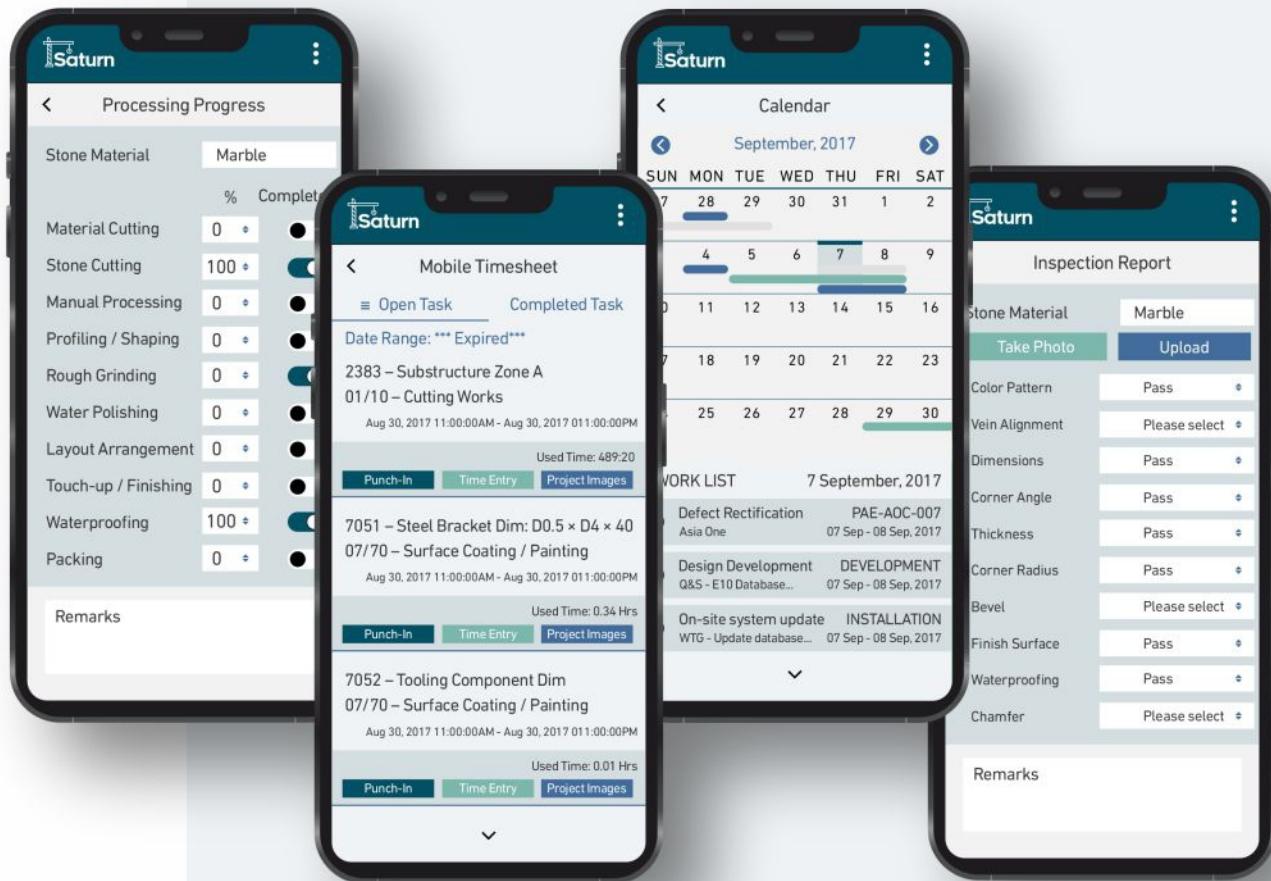
Teams can perform on-site inspections, upload photos, record pass/fail results, and update task progress in real time. Mobile schedules and task lists help supervisors coordinate manpower and daily site activities efficiently.

By updating labor time and processing status on mobile, **Saturn provides management with real-time visibility into actual progress and productivity — without manual reporting.**

Key Highlights:

- **Mobile Inspection & Quality Control** — Capture inspection results, photos, and remarks directly on site
- **Work Scheduling & Task Visibility** — View daily plans, assignments, and job status on mobile
- **Mobile Timesheet & Labor Tracking** — Punch in/out and record labor time with job-level detail
- **Real-Time Progress Updates** — Update processing stages and completion percentages instantly
- **Seamless ERP Integration** — All mobile data syncs back to the central system in real time

Capture inspections, schedules, labor time, and progress updates directly from site, with real-time visibility and seamless ERP synchronization.



Operational View – Management Dashboards

Real-Time Project Visibility for Management Decisions

Saturn Project Dashboards provide a unified management view across project status, costs, and profitability—enabling executives and project leaders to monitor performance and financial outcomes in real time, all in one integrated interface.

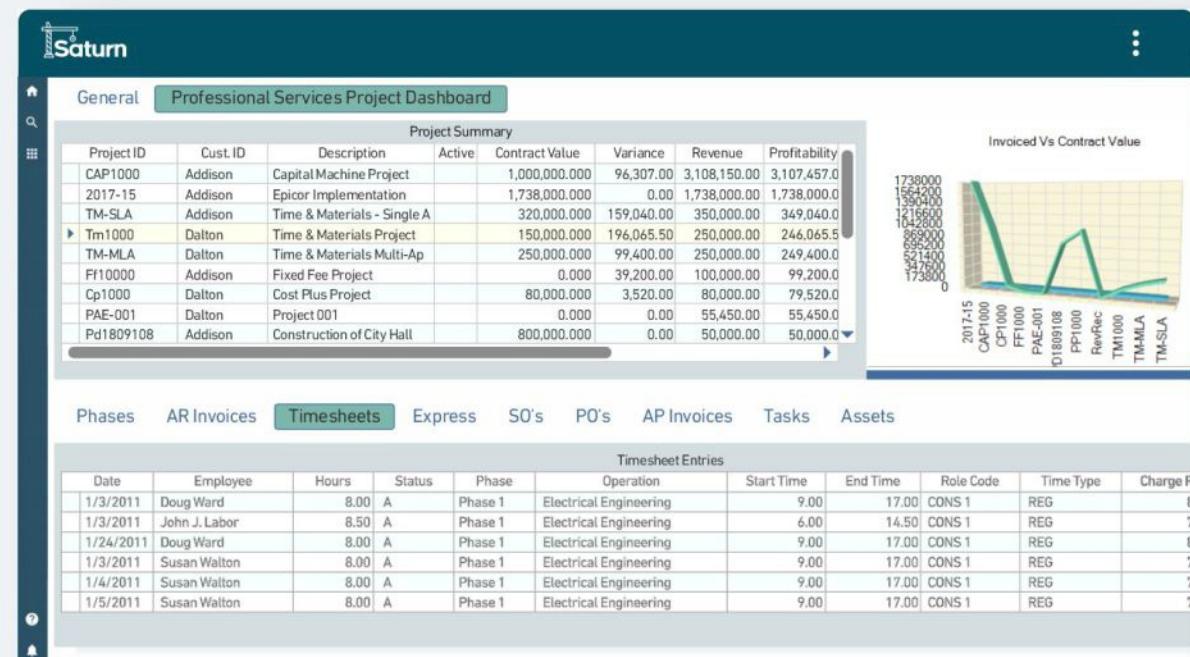
By consolidating operational progress with cost and revenue data, Saturn ensures decision-makers always have a clear, accurate picture of project health — without relying on delayed or manual reports.

Key Highlights:

- **Unified Management View** — Project status, cost, and profitability in one dashboard
- **Real-Time Financial Control** — Live cost and margin tracking without delays
- **Executive-Level Insights** — Clear KPIs for faster, data-driven decisions
- **ERP-Driven Accuracy** — Dashboards powered directly by Epicor ERP data
- **Proactive Risk Management** — Identify overruns and margin issues early

Project Dashboard

Gain instant visibility into overall project status, milestones, progress indicators, and key performance metrics, helping managers stay aligned with execution and delivery timelines.



“When costs, progress, and margins are visible, control becomes natural.”

Operational View – Management Dashboards (Con't)



Project Cost Dashboard

General Project Cost Dashboard

Project Summary

Project ID	Project Desc	Start Date	Cust. ID	Customer Name	Budget Cost	Actual Cost	Cost to Complete	Project Cost
Tm1000	Time & Materials	4/12/2010	DALTON	Dalton Manufacturing	210,000	4,359.90	750.00	5,109.50
TM-SLA	Time & Materials	1/1/2011	ADDISON	Addison, Inc	170,000	1,260.00	150.00	1,410.00
TM-MLA	Time & Materials	1/1/2011	DALTON	Dalton Manufacturing	115,000	600.00	500.00	1,100.00
CAP1000	Capital Machine	5/10/2014	ADDISON	Addison, Inc	97,000	693.00	83,390.12	84,083.12
CAP1000	Capital Machine	5/10/2014	ADDISON	Addison, Inc	97,000	693.00	83,390.12	84,083.12
CAP1000	Capital Machine	5/10/2014	ADDISON	Addison, Inc	97,000	693.00	83,390.12	84,083.12
CAP1000	Capital Machine	5/10/2014	ADDISON	Addison, Inc	97,000	693.00	83,390.12	84,083.12
CAP1000	Capital Machine	5/10/2014	ADDISON	Addison, Inc	97,000	693.00	83,390.12	84,083.12
CAP1000	Capital Machine	5/10/2014	ADDISON	Addison, Inc	97,000	693.00	83,390.12	84,083.12

Actual Costs as % of Budgeted Costs

Projected Costs as % of Budgeted Costs

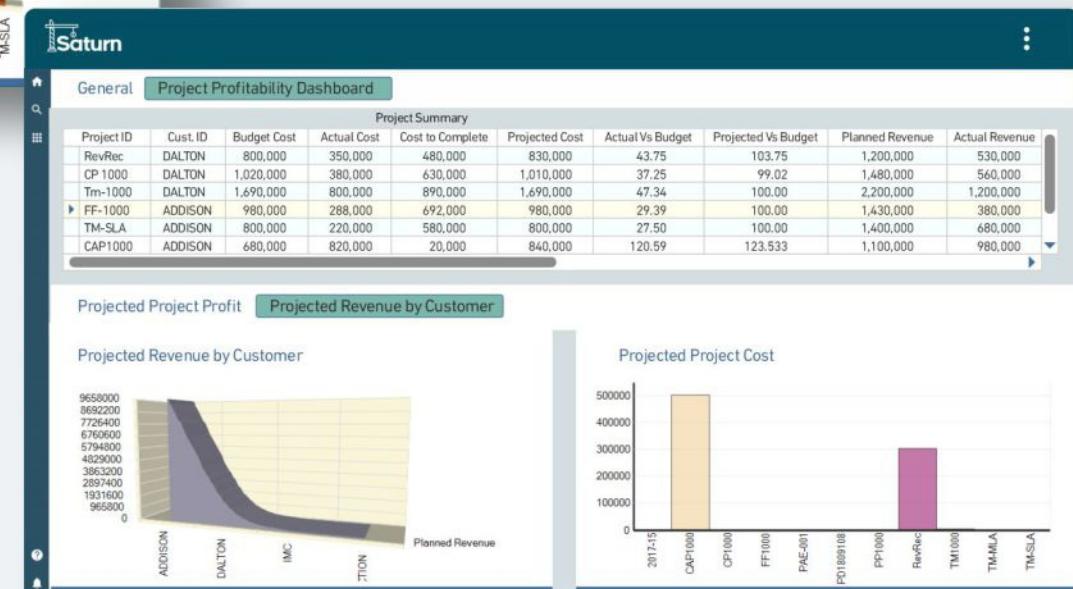
Project Cost Dashboard

Track project costs in real time with clear breakdowns by labor, materials, subcontracting, and overhead — ensuring budgets remain under control throughout the project lifecycle.

“Profitability is no longer a result — it's something you manage in real time.”

Project Profitability Dashboard

Monitor revenue, margins, and profitability by project, enabling proactive financial control and early identification of risks or improvement opportunities.



Project Profitability Dashboard

General Project Profitability Dashboard

Project Summary

Project ID	Cust. ID	Budget Cost	Actual Cost	Cost to Complete	Projected Cost	Actual Vs Budget	Projected Vs Budget	Planned Revenue	Actual Revenue
RevRec	DALTON	800,000	350,000	480,000	830,000	43.75	103.75	1,200,000	530,000
CP 1000	DALTON	1,020,000	380,000	630,000	1,010,000	37.25	99.02	1,480,000	560,000
Tm-1000	DALTON	1,690,000	800,000	890,000	1,690,000	47.34	100.00	2,200,000	1,200,000
► CAP1000	ADDISON	980,000	288,000	692,000	980,000	29.39	100.00	1,430,000	380,000
TM-SLA	ADDISON	800,000	220,000	580,000	800,000	27.50	100.00	1,400,000	680,000
CAP1000	ADDISON	680,000	620,000	20,000	840,000	120.59	123.533	1,100,000	980,000

Projected Project Profit **Projected Revenue by Customer**

Projected Revenue by Customer

Projected Project Cost

Operational View – Project Report Analysis

Clear Financial & Operational Insight Across the Project Lifecycle

Saturn Project Report Analysis provides structured, audit-ready reports covering work progress, budget changes, costs, revenue, and profitability — giving management a clear and reliable view of project performance at every stage.

From Work-in-Progress and Progress Update reports to Budget Amendments, Cost & Revenue summaries, and Profit & Loss analysis, all data is generated directly from live project transactions. This ensures accuracy, consistency, and full traceability without manual reconciliation.

With standardized reporting formats, teams can easily review financial health, identify variances, monitor margins, and support management decisions, client reporting, and compliance requirements with confidence.

Key Highlights:

- Work-in-Progress Reporting** – Track committed, incurred, and remaining costs
- Progress & Payment Analysis** – Support valuation and certification processes
- Budget Amendment Tracking** – Maintain control over approved cost changes
- Cost & Revenue Transparency** – Clear visibility of margins and profitability
- Audit-Ready Reports** – Consistent, ERP-driven financial reporting

Work In Progress				
As at: 30/11/2016 Print Date: 05/01/2017				
Job No.:	CE1604021	Job Title:	HKSAR - SA T&C OF 'TELECOM PNEUMATIC TUBE SYSTEM STATION AT	
Original Contract Value:	98,000.00	Original Cost:	88,600.00	
Original GP%:	30.0000%	Original GP:	26,400.00	
Original Cost:	Material 29,410.00	Wages 0.00	Subcontract 25,000.00	
	Inter-Dept Charge 0.00	Inter-Dept Labour 0.00	Others 14,190.00	
		Current Budget	Committed	Incurred
This Month Changes				Remaining
Material:	0.00	0.00	0.00	
Wages:	0.00	0.00	0.00	
Subcontract:	0.00	0.00	0.00	
Inter-Departmental Charge:	0.00	0.00	0.00	
Inter-Departmental Labour:	0.00	0.00	0.00	
Others:	0.00	0.00	0.00	
Total:	0.00	0.00	0.00	
		This Month Accumulated		
Material:	60,965.00	41,886.75	41,886.75	19,078.35
Wages:	0.00	0.00	0.00	0.00
Subcontract:	51,730.00	0.00	0.00	51,730.00
Inter-Departmental Charge:	0.00	0.00	0.00	0.00
Inter-Departmental Labour:	0.00	0.00	0.00	0.00
Others:	26,440.00	2,690.00	2,690.00	23,750.00
Total:	136,135.00	44,576.75	44,576.75	94,598.25
		Last Month	This Month	Accumulated
Anticipated Variation:	121,600.00	0.00	121,600.00	
Anticipated Contract Value:	219,600.00	0.00	219,600.00	
Anticipated GP%:	36.6416 %	0.0000 %	36.6416 %	
Anticipated GP:	80,465.00	0.00	80,465.00	
Total Application Amount:	138,800.00	0.00	138,800.00	
Total Payment Amount:	138,800.00	0.00	138,800.00	
Progress Payment:	0.00	0.00	0.00	
Accrued Cost:	-0.01	0.00	0.00	-0.01

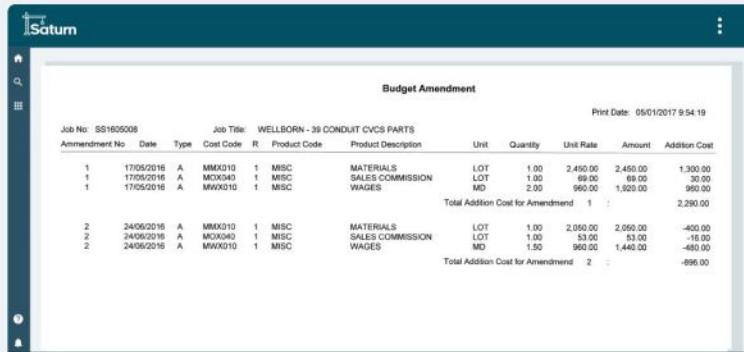
Progress Update

Summarizes work completed, variation values, retention, and net amount due, supporting accurate progress claims and client billing.

Project Name:		:	Stone Cladding Works ABC for Proposed Residential Development at STTL 121, Area 21B, Ma On Shan, Sha Tin
Contractor:		:	Great Success Engineering Co. Ltd
Ref:	:	AN-EFF-KLT-IP06	
Date:	:	8/3/2019	
Works:			
LP. No.:	:	06	
Payment Application No. 7			
HK\$			
1. Contract Sum:		9,900,000.00	
2. Value for Variation Works:		587,650.71	
3. Anticipated Contract Sum:		9,482,650.71	
4. Value for Works Done:		9,384,350.00	
5. Value for Variation Works:		587,650.71	
6. Less: Retention (5% of contract sum):		493,800.00	
7. Less: Previously Certified:		(1,367,000.00)	
8. Net sum due for payment:		11,140,000.71	

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11 Tai Fu Street, Kwai Chung, N.T., Hong Kong
Tel: (852) 28386699
Fax: (852) 28386699
Email: info@acc-erp.com
Website: <http://www.acc-erp.com>

Operational View – Project Report Analysis (Con't)



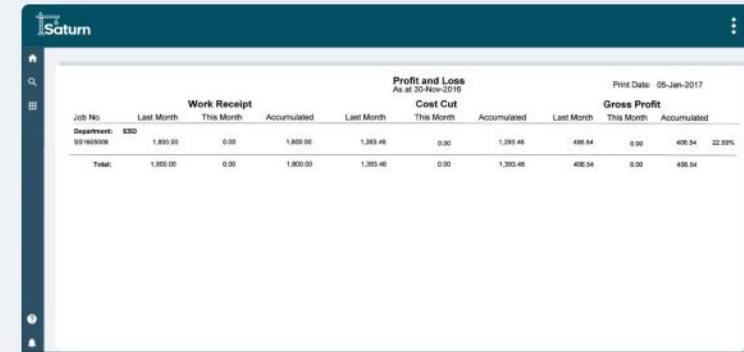
Budget Amendment

Job No: SS1605008 Job Title: WELLBORN - 39 CONDUIT CVCS PARTS Print Date: 05/01/2017 9:54:19

Amendment No	Date	Type	Cost Code	R	Product Code	Product Description	Unit	Quantity	Unit Rate	Amount	Addition Cost
1	17/05/2016	A	MMX010	1	MISC	MATERIALS	LOT	1.00	2,450.00	2,450.00	1,300.00
1	17/05/2016	A	MOX040	1	MISC	SALES COMMISSION	LOT	1.00	69.00	69.00	30.00
1	17/05/2016	A	MWX010	1	MISC	WAGES	MD	2.00	960.00	1,920.00	960.00
Total Addition Cost for Amendment 1											2,290.00
2	24/06/2016	A	MMX010	1	MISC	MATERIALS	LOT	1.00	2,050.00	2,050.00	-400.00
2	24/06/2016	A	MOX040	1	MISC	SALES COMMISSION	LOT	1.00	53.00	53.00	-16.00
2	24/06/2016	A	MWX010	1	MISC	WAGES	MD	1.50	960.00	1,440.00	-480.00
Total Addition Cost for Amendment 2											-896.00

Budget Amendment

Tracks approved budget changes with full cost breakdown, ensuring transparency and control over scope and cost variations.



Profit and Loss
As at 05/01/2017 Print Date: 05/01/2017

Job No:	Work Receipt			Cost Cut			Gross Profit											
	Department	Last Month	This Month	Accumulated	Last Month	This Month	Accumulated	Last Month	This Month	Accumulated								
SS1605008	ESD	1,800.00	0.00	1,800.00	1,393.48	0.00	1,393.48	406.84	0.00	406.84								
Total:										1,800.00	0.00	1,800.00	1,393.48	0.00	1,393.48	406.84	0.00	406.84

Profit & Loss

Analyzes revenue, cost, and gross profit by period, giving management immediate visibility into project profitability.

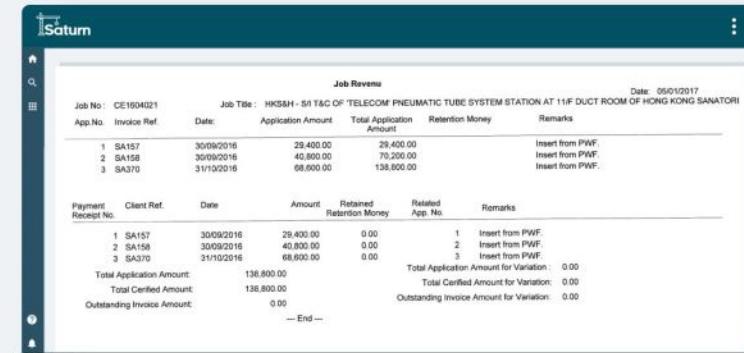


Job Committed & Incurred Cost Summary
As at 30-Nov-2016 Print Date: 05-Jan-2017

Cost Code	Product Description	Budget Amount	Total Committed	Total Accrued	Total Incurred	Budget Remaining
MMX010	MATERIALS	\$2,050.00	\$1,991.00	\$0.00	\$1,991.00	\$59.00
		\$2,050.00	\$1,991.00	\$0.00	\$1,991.00	\$59.00
MOX010	OTHERS	\$80.00	\$0.00	\$0.00	\$0.00	\$80.00
MOX040	SALES COMMISSION	\$53.00	\$52.85	\$0.00	\$52.85	\$0.15
		\$133.00	\$52.85	\$0.00	\$52.85	\$80.15
MWX010	WAGES	\$1,440.00	\$525.00	\$0.00	\$525.00	\$915.00
		\$1,440.00	\$525.00	\$0.00	\$525.00	\$915.00
		\$3,623.00	\$2,568.85	\$0.00	\$2,568.85	\$1,054.15

Job Committed & Incurred Cost Summary

Compares budget, committed, accrued, and incurred costs by category, helping identify cost overruns early.



Job Revenue
Date: 05/01/2017

Job No:	Job Title:	Date:	Application Amount	Total Application Amount	Retention Money	Remarks
CE1604021	HKS&H - S/I TAC OF TELECOM PNEUMATIC TUBE SYSTEM STATION AT 11/F DUCT ROOM OF HONG KONG SANATORI					
1 SA157	30/09/2016	29,400.00	29,400.00			Insert from PWF
2 SA158	30/09/2016	40,800.00	70,200.00			Insert from PWF
3 SA370	31/10/2016	68,600.00	138,600.00			Insert from PWF
Total Application Amount: 138,600.00						
Total Certified Amount: 138,600.00						
Outstanding Invoice Amount for Variation: 0.00						

— End —

Job Revenue

Consolidates invoicing, applications, receipts, and retention details, providing a complete view of project revenue and cash inflow.



As one of the most experienced Epicor partners in Asia, we bring over 20 years of expertise delivering ERP success to construction and engineering companies.

Headquartered in Hong Kong, iTTG Consultancy has grown into a trusted Epicor partner with branches in China, Malaysia, and Taiwan, and clients across Asia, Europe, and North America.

Our team combines real-world construction and engineering industry experience with deep Epicor expertise. We help organizations digitalize every critical stage — from tender and project execution to cost control and financial management — with practical, scalable ERP solutions tailored to your operations and teams.

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Get in touch today and discover how Saturn can help your construction and engineering projects run with clarity, control, and confidence.

Accelerate your digital transformation

Talk to one of our ERP consultants today.

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