ejm

Projects and Estimations

Full project guidance from initial estimation to final accounts.
This module is designed by construction experts to simplify managing projects, personnel, cash flow, and equipment. Import Bills of Quantities (BOQs) easily, tag resources to determine allowables, and analyse supplier rates for direct tender generation, streamlining the estimation process.

- Windows 11 +
- Cloud based
- IAS and IFRS compliant
- ISO and SANS certified
- Supported by SoReal

Seamless Project Management from Estimation to Completion

Managing multiple projects, tenders, and cost updates across teams can be complicated and time-consuming. Without a connected system, data becomes fragmented, making it difficult to control budgets, track progress, or maintain consistency from estimation through to completion. EJM's Projects and Estimations module connects every stage of the project lifecycle—combining estimation, scheduling, cost control, and progress tracking into one streamlined workflow.

Key features

- ✔ Integrated project lifecycle management
- ✔ Flexible estimation tools and resource libraries
- ✔ Advanced tender analysis and reporting
- ✔ Gantt-Based scheduling and cash flow forecasting

Benefits

- ✔ Manage estimation, scheduling, progress, and cash flow in one place - reducing errors and administrative overhead.
- ✔ Linked data ensures consistent pricing, forecasting, and reporting for confident decision-making.
- ✔ Automated calculations, imports, and reporting tools save time and eliminate repetitive manual tasks.
- ✔ Real-time valuation and cash flow projections help maintain budgets and prevent cost overruns

Integrate

Projects and Estimations

Turn complex projects into controlled workflows–estimate accurately, monitor performance, and deliver on time and within budget.
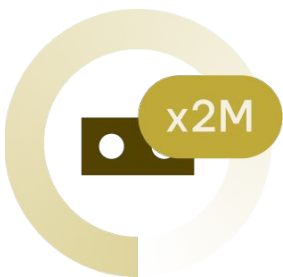
Book a demo

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Estimation & Resource Management
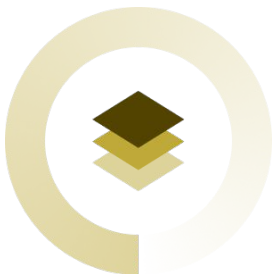
Resource Libraries

The module allows you to create or import a Resource Library structured into three levels:

- Primary Level (1-9): Reflects major cost groups such as Plant, Labour, and Materials.
- Subdivision Level (A-Z): Further categorises resources, such as skilled vs. unskilled labour or different material types.
- Detailed Level: Additional breakdowns for greater precision if required

MasterBill & BOQ Importing

- MasterBills define recurring items used for rapid pricing, such as sand and cement or bricklayers and bricks.
- Bills of Quantities can be imported from WINQS, Bill, or Excel, ensuring compatibility with various formats.
- Pricing can be conducted at any level of detail, providing full flexibility.

Tenders & Analysis

- Tenders can be analysed across multiple dimensions, such as cost centers, Pareto analysis, or by resource type.
- Custom reports can be defined and exported as Excel or PDF files—ready for emailing or WhatsApp sharing

Scheduling & Planning

Project Scheduling

- A Gantt Chart tool, similar to MS Project, enables sequencing of events, specifying durations, and setting deadlines.
- BOQs can be linked to the schedule to generate cash flow and resource demand reports over time.
- Multiple bill items can be linked to a single activity for precise tracking.

Cash Flow & Resource Planning

- Generates lifetime cash flow projection diagrams, factoring in cost prices, retention, and selling prices.
- Estimates and schedules are fully linked, providing resource requirement forecasting over specified intervals

Progress Tracking & Certificates

Flexible data-entry

Track and manage project progress with flexible data entry options:

- Cumulative units, with the system automatically calculating monthly progress.
- Monthly units, with cumulative progress tracked in real time.
- Cumulative percentage completion, ensuring accurate project valuations.
- Worksheet entry, allowing for custom arithmetic functions and adjustments.

Progress certification & valuation

Ensure accurate valuations and structured payments with built-in certification tools:

- Materials on Site tracking ensures valuations include stored resources.
- Escalation adjustments account for contract variations and price changes.
- Variable retention calculations ensure deductions align with contract terms.
- Pro-forma invoicing support streamlines interim payment approvals.

Frequently asked questions

💡 Integration and Compatibility

How does this module integrate with current systems
Seamlessly integrated with our EJM modules.

Are APIs or connectors available?
Yes, as a custom requirement.

What data migration support is offered
Yes, as a custom requirement.

What device does this module work on?
Optimised for Windows desktop environments.

⚙ Deployment and Infrastructure

Is this module cloud-based?
Cloud-based with a Windows front-end, ensuring easy access and smooth updates.

Who manages hosting and infrastructure?
Hosted securely by So-Real data centres.

Does it support low-connectivity environments?
Can work in low-connectivity environments, though online access is recommended for full functionality.

R Licensing and Pricing

How is the licence structured?
Licences are issued per module, allowing flexibility based on business needs.

Are implementation and support fees included?
Yes, a once-off training and implementation fee for first time licence holders

Frequently asked questions

🎓 Training and Support

What training and support are offered?

Comprehensive training is included, followed by continuous telephonic, chat, email, and remote support. On-site sessions are available on request.

Are additional learning resources available?

Yes, workshops and free courses are available to help users enhance their knowledge.

🔒 Security and Compliance

How is data secured?

Daily full backups and hourly incremental backups (from 6:00 to 18:00) ensure safety and recovery.

What are our compliance standards?

Data is processed only on behalf of clients, with full adherence to ISO compliance principles.

Who owns the data?

Clients retain full ownership of their data at all times.

What happens if the contract ends?

Clients receive a licence to access and export their data through multiple export options.

⚡ Reliability and Performance

What uptime or service level agreement is guaranteed?

A 99% uptime rate is maintained, with most queries resolved within 24 hours.

How is system performance managed?

Servers are continuously monitored using So-Real's software and daily backup checks.

Frequently asked questions

Scalability and Flexibility

Can the module scale with business growth?

Yes, it easily scales to support additional users, data, and projects.

Is it modular?

Yes, features can be added or removed to suit your organisation's needs.

How often are new updates released?

Enhancements and new features are rolled out approximately every six weeks.

Vendor and Roadmap

Who owns and maintains the software?

EJM has owned and maintained the software since 1982, with a long-standing record of innovation and reliability.

What's next on the product roadmap?

Upcoming developments include enhanced dashboard and plant modules, with a move toward browser-based solutions expected within the next 2–3 years.

Is there a partner or reseller network?

Yes, our software is also marketed and supported through a partner agent in Namibia.

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EJM Construction Software

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