



# Smart Operations for Small Construction Businesses

A WarpDriven AI ERP Solution for Residential & Civil Builders

## Introduction

For small, family-run construction businesses in Australia, running on spreadsheets might feel familiar — but it comes at a cost:

- Manual quoting errors
- Lost change orders
- Delayed invoicing
- Poor visibility into job profitability
- Difficulty tracking progress across multiple sites

These inefficiencies don't just hurt margins — they add stress, reduce client trust, and limit growth.

The solution isn't a complex, expensive enterprise system. It's a **smart, integrated platform built for builders** — one that replaces spreadsheets with structured workflows, real-time data, and intelligent automation.

That's what **WarpDriven AI ERP** delivers.

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## What WarpDriven AI ERP Does

WarpDriven AI ERP - construction system is a purpose-built operational platform for small construction firms. It replaces disconnected spreadsheets and paper-based processes with a single, connected system that manages every stage of your build — from first inquiry to final handover.

Built on a proven enterprise foundation, it's tailored for residential builders, renovators, and small civil contractors who want to work smarter, look more professional, and scale without chaos.

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## ✓ 1. Quoting & Estimating – Build Confidence from the First Meeting

No more copying old quotes or guessing material costs.

The screenshot displays the WarpDriven AI ERP interface. At the top, there's a navigation bar with tabs: Sales, Orders, To Invoice, Products, Reporting, and Configuration. Below this is a 'New Quotations' button and a search bar. The main area shows a progress bar with four steps: Company Data, Documents Layout, Order Confirmation, and Sample Quotation. The 'Documents Layout' step is currently active, showing a 'Configure your document layout' dialog box. This dialog has several sections: Layout (with radio buttons for Light, Boxed, Bold, and Striped), Font (Lato), Company Logo (with a tree icon), Colors (two green circles), Layout Background (Blank), Company Tagline (e.g. Global Business Solutions), Company Details (EmuTree Group Pty Ltd, 4B Westminister Avenue, Carlingford NSW 2118, Australia), Footer (info@emutree.com http://emutree.com), and Paper format (A4). To the right of these settings is a preview of the resulting invoice, titled 'Invoice INV/2023/00003'. The invoice includes a table with columns: DESCRIPTION, QUANTITY, UNIT, PRICE, TAXES, and AMOUNT. The table lists two items: 'FURN, 81999 Three Seat Sofa' and 'FURN, 81205 Four Person Desk'. The total amount is \$22,137.50. The dialog also has 'Save' and 'Cancel' buttons at the bottom.

With WarpDriven AI ERP, you can:

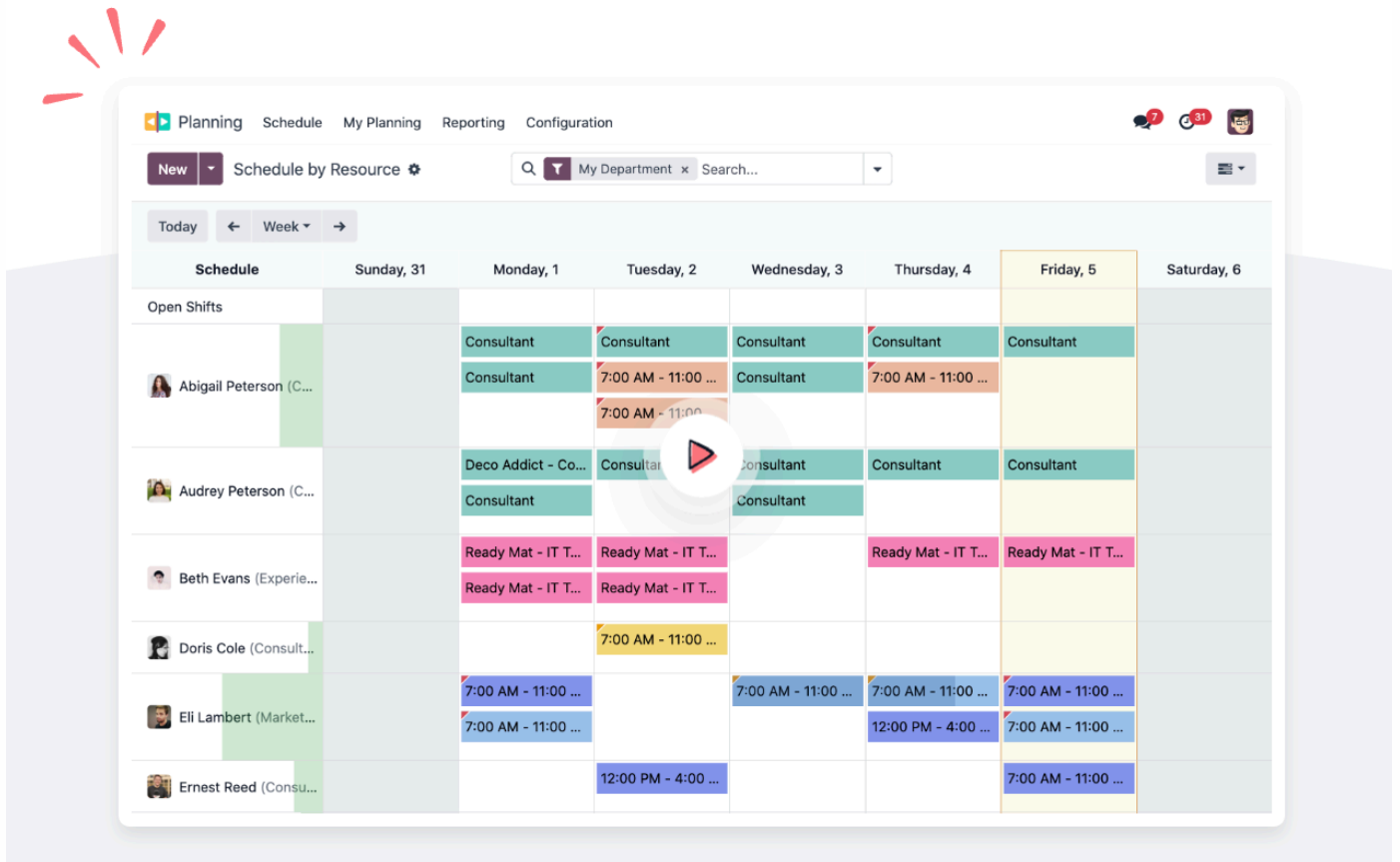
- Create **professional, branded quotes** in minutes using pre-approved templates
- Pull in standard rates for common jobs (e.g., slab-on-ground, two-storey frame, bathroom renovation)
- Automatically calculate material lists based on house size or design type
- Include high-quality images or floor plan references in the quote
- Track which quotes are pending, won, or lost — and why

Every quote is saved in the system, so you can easily reference past jobs and improve accuracy over time.

💡 **Real benefit:** Fewer pricing mistakes, faster turnaround, and clients who feel you're organised and trustworthy.

## ✓ 2. Job Costing & Budget Control – Know Your True Profitability

Spreadsheets make it easy to miss hidden costs. With WarpDriven AI ERP, every dollar is accounted for.



You can:

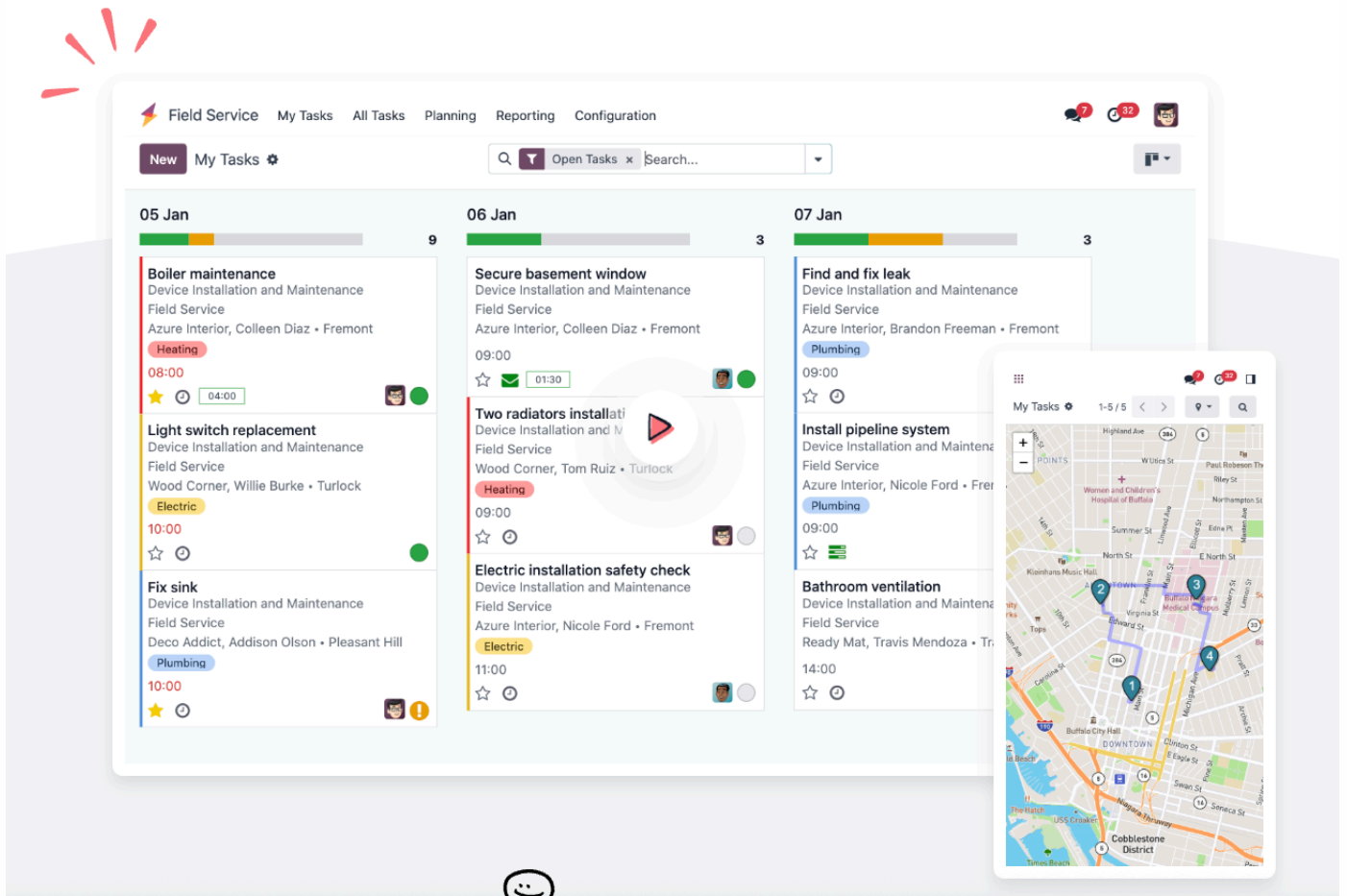
- Set an initial budget for **materials, labour, subcontractors, council fees, and contingencies**
- Track actual spending in real time as invoices come in
- See at a glance if a job is on track, over, or under budget
- Get alerts when a category (e.g., tiling) exceeds 90% of its allocation
- Compare estimated vs. actual hours for key trades

All costs are linked directly to the project, so there's no guessing which job a payment belongs to.

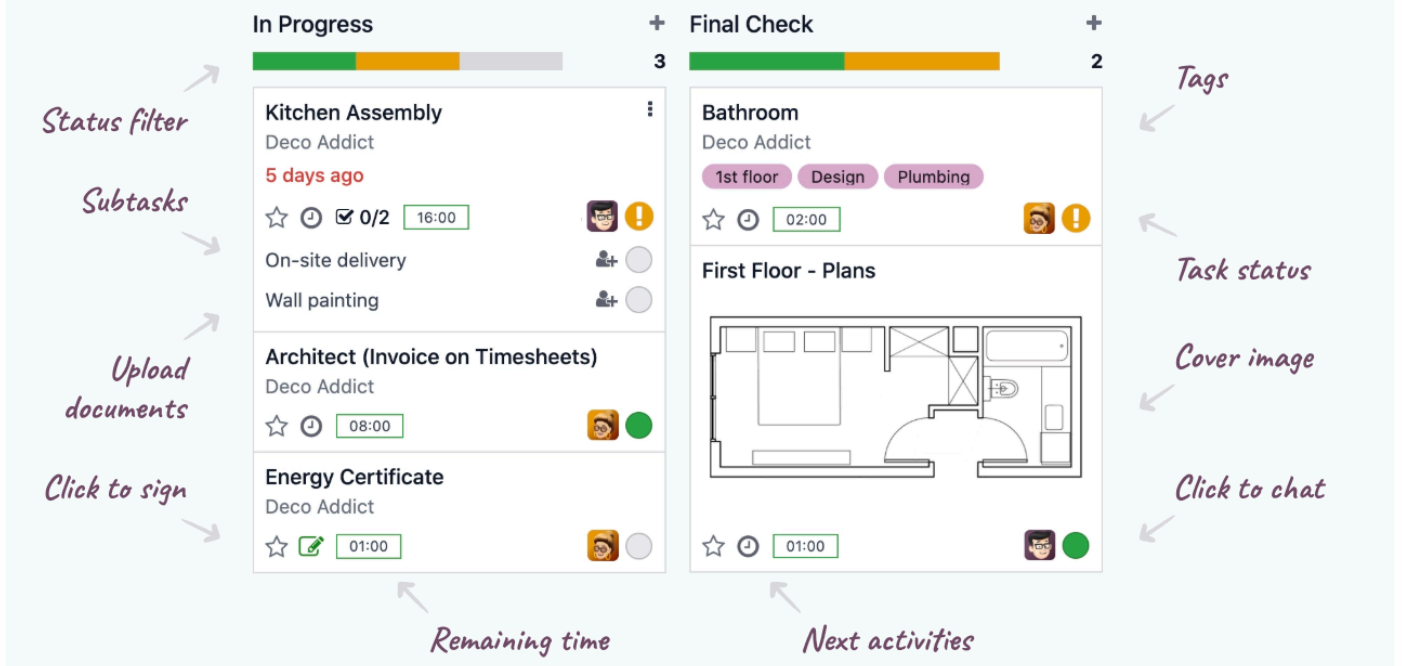
💡 **Real benefit:** You'll know exactly which types of builds are most profitable — and where to tighten up.

### ✅ 3. Project Management – Stay on Schedule, Every Time

Managing multiple homes or townhouses shouldn't mean constant follow-ups and missed milestones.



## Enjoy a comprehensive dashboard



The system lets you:

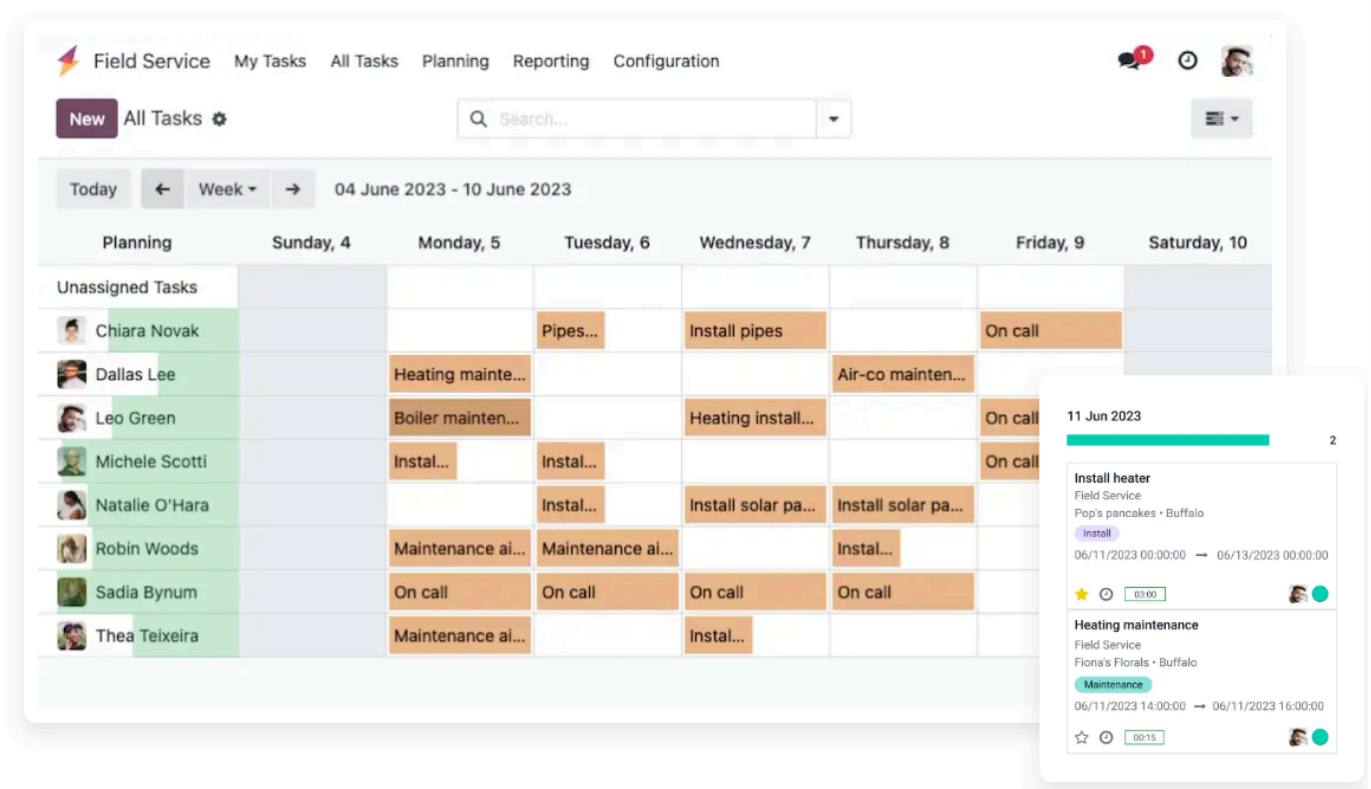
- Break each build into **clear stages**: Site prep, slab, frame, roof, lock-up, fit-out, handover
- Assign a site supervisor or foreman to each job
- Set expected start/end dates for each phase
- Log weekly progress with % complete, notes, and photos
- Attach approvals, engineering drawings, or compliance certificates

You can view all jobs on a **shared calendar** or timeline, so nothing slips through the cracks.

💡 **Real benefit:** No more “Did we get the windows delivered?” — you’ll have a full history of every decision and delivery.

## ✓ 4. Site & Progress Tracking – Show Clients You’re on Top of It

Clients want visibility — not constant calls asking “How’s it going?”



With WarpDriven AI ERP, you can:

- Upload **weekly progress photos** directly from site (via mobile)
- Add voice notes or typed updates: “Frame inspection passed”, “Waiting on stone benchtop”
- Generate **automated progress reports** (PDF) to send to clients
- Share a **client portal** where they can log in to see photos, upcoming milestones, and invoices

This builds trust and reduces admin — no more chasing approvals or explaining delays.

 **Real benefit:** Happier clients, fewer disputes, and smoother handovers.

## 5. Purchase Orders & Subcontractor Management – No More Lost Emails

How many times has a supplier said “We never got the PO”?

Purchase

Orders

Products

Reporting

Configuration

New

Requests for Quotation ⚙

Q

Search...

1-24 / 24

<

>

⌵

All RFQs

10  
To Send

3  
Waiting

8  
Late

Avg Order Value

\$ 3,529.01

Purchased Last 7 Days

\$ 24,916.48

My RFQs

6

3

5

Lead Time to Purchase

3.25 Days

RFQs Sent Last 7 Days

3

Reference

Vendor

Buyer

Order Deadline

Activities

Source Docu...

Total

Status

☆

P00024

Azure Interior

In 4 days

Call

OP/00003

\$ 316.25

RFQ

☆

P00023

Ready Mat

Mitchell Admin

Today

Confirm order

\$ 495.00

RFQ Sent

☆

P00022

Gemini Furniture

Mitchell Admin

Today

Reminder

\$ 460.00

RFQ Sent

☆

P00021

Azure Interior

Mitchell Admin

Today

Email

\$ 420.00

RFQ Sent

☆

P00020

Gemini Furniture

Replenishment R...

\$ 230.58

Purchase Order

☆

P00019

The Jackson Group

Replenishment R...

\$ 1,667.50

Purchase Order

☆

P00018

Wood Corner

Send shipping...

\$ 46.00

Purchase Order

☆

P00017

Wood Corner

\$ 276.00

Purchase Order

☆

P00016

YourCompany, Jo...

Marc Demo

\$ 57.50

Purchase Order

☆

P00015

Ready Mat

Mitchell Admin

\$ 6,596.40

Purchase Order

## Request for Quotation

 **P00023**
Vendor <sup>?</sup> Ready Mat – US12345675Order Deadline <sup>?</sup> 11/02/2023 22:01:53Vendor Reference <sup>?</sup> S052934Expected Arrival <sup>?</sup> 11/07/2023 22:01:53 [No On-time Delivery Data](#)

Blanket Order

☐ Ask confirmation

Currency USD

Deliver To <sup>?</sup> YourCompany: Receipts

Products

Other Information

Alternatives

Create a call for tender by adding alternative requests for quotation to different vendors. Make your choice by selecting the best combination of lead time, OTD and/or total amount. By comparing product lines you can also decide to order some products from one vendor and others from another vendor.

[Create Alternative](#)[Compare Product Lines](#)

Vendor	OTD	Reference	Expected Arrival	Total	Status	
Ready Mat		P00023	11/07/2023 22:01:53	\$ 495.00	RFQ Sent	
Gemini Furniture		P00022	11/02/2023 22:01:53	\$ 460.00	RFQ Sent	✘
Azure Interior		P00021	11/02/2023 22:01:53	\$ 420.00	RFQ Sent	✘
Deco Addict		P00014	10/15/2023 02:00:00	\$ 552.00	RFQ	✘
Wood Corner	100%	P00013	10/10/2023 02:00:00	\$ 575.00	RFQ	✘

[Link to Existing RFQ](#)

Now you can:

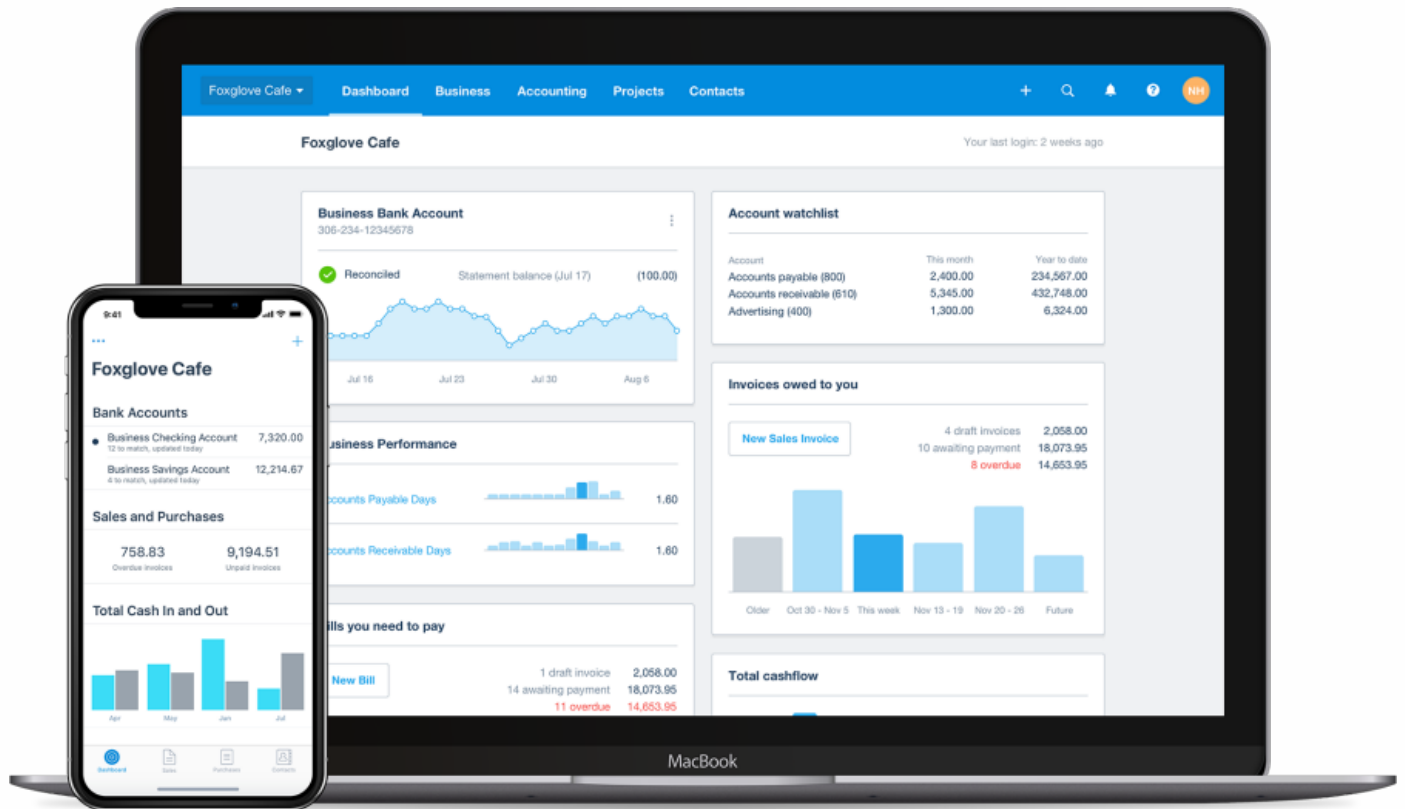
- Issue **official purchase orders** directly from the job record
- Send them via email with one click (PDF attached)
- Track which POs are approved, delivered, or invoiced
- Store signed copies and delivery dockets in the job file
- Link payments to the original PO for full audit trail

All subcontractor details (ABN, insurance, contact) are stored in one place.

**Real benefit:** Cleaner records, faster payments, and better compliance.

## 6. Invoicing & Xero Sync – Get Paid Faster, Stress-Free

No more waiting until month-end to raise progress claims.



You can:

- Generate **progress invoices** based on % complete or milestone achieved
- Include photos or notes to justify the claim
- Send invoices directly from the system (PDF + email)
- **Sync automatically with Xero** — customers, invoices, payments, and bills appear in real time
- Track what's paid, what's overdue, and send reminders automatically

GST is calculated correctly, and financial reports are always up to date.

💡 **Real benefit:** Faster cashflow, fewer accounting errors, and less time spent reconciling.



## Beyond Operations: Grow Your Business with Smart Tools

While the core system replaces spreadsheets and streamlines operations, WarpDriven AI ERP also opens the door to **growth-focused tools** that help you win more work and build a stronger brand.



### 7. A Professional Business Website (No Tech Skills Needed)

First impressions matter. A polished website builds credibility and helps you stand out.

We can build you a **custom, mobile-friendly website** that:



- Showcases your completed projects with high-res photos and descriptions
- Displays your service areas (e.g., “Serving Western Sydney & Blue Mountains”)
- Includes a contact form that flows directly into your CRM
- Is easy to update — add new jobs or testimonials in minutes
- Optimised for Google search (so homeowners can find you)

No WordPress headaches. No developer bills. Just a clean, professional site that works for you.

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## 8. CRM – Turn Inquiries into Clients

Most builders miss opportunities because leads get lost in emails or forgotten after a site visit.

The built-in **Customer Relationship Manager (CRM)** helps you:

- Capture every inquiry (web form, phone, referral)
- Assign a follow-up task: “Call back in 3 days”, “Send quote”
- Track where the lead came from (e.g., Google, word-of-mouth)
- Record notes from site meetings
- Automate reminders until the job is won or lost

You’ll never lose a lead again — and you’ll see which marketing channels bring the best clients.

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## 9. Email & Communication Automation

Stop copying and pasting the same messages.

You can:

- Use **pre-approved email templates** for common scenarios:
  - “Thanks for your inquiry”
  - “Your quote is attached”
  - “Site inspection completed”
- Send bulk updates to multiple clients (e.g., “Weather delay notice”)
- Schedule emails to go out at the right time
- Track who opened them and clicked links

All communication is logged against the job — no more “Did I send that?” moments.

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## 10. Client Portal – Give Clients a Clear Window into Their Build

Modern homeowners want transparency.

The **client portal** lets them:

- Log in securely to see their build timeline
- View approved plans, quotes, and contracts
- See progress photos and updates
- Approve variations online
- Make payments securely

It's like giving them a window into the job — without you having to explain everything daily.



**Real benefit:** Fewer calls, faster approvals, and clients who feel involved and informed.



## Built for the Future: AI & Automation

While the system starts by replacing spreadsheets, it's designed to grow with your business — and unlock **smart assistance** when you're ready.

With WarpDriven AI ERP, you can gradually introduce AI-powered features such as:

AI Capability	Practical Benefit
Smart Quote Suggestions	Based on past jobs, suggest material quantities and labour hours for new builds
Risk Alerts	Flag jobs trending over budget or behind schedule before it becomes a problem
Automated Progress Reports	Generate client-friendly PDF updates with photos, timeline, and next steps
Voice-to-Note Logging	Say "Site inspection done, slab level OK, waiting on window delivery" → auto-logs to job
Predictive Cashflow Forecasting	Model upcoming payments and receivables based on job timelines

These tools don't replace experience — they **amplify it**, helping small teams work smarter, avoid mistakes, and deliver better outcomes.



## AI-Powered Multilingual Live Chat: Your 24/7 Digital Site Supervisor

Imagine having a knowledgeable team member answering client questions — even at 8 PM or on weekends.

With **AI-powered Live Chat**, you can add an intelligent chat widget to your business website that:

- Answers common questions instantly:  
“Do you build in the Hills District?”  
“What’s included in your standard home package?”  
“Can I see photos of your recent projects?”
- Communicates in **multiple languages**, including Mandarin, Arabic, Vietnamese, and Greek — helping you connect with diverse homeowners across Australia
- Learns from your team’s responses to improve accuracy over time
- Automatically logs every conversation into the CRM with full context
- Escalates complex inquiries to the right person with a click



Example:

A client types: “你们在悉尼西区做房子吗? ”

The AI replies in Chinese: “是的，我们在西悉尼完成了多个独立屋项目。您想看看案例吗? ”

Then creates a lead in the system with location and interest noted.

This isn’t just a chatbot — it’s a **smart site assistant** that helps you capture leads, reduce missed opportunities, and deliver a professional, responsive experience — all without adding to your workload.

## Implementation Overview

Item	Detail
Timeline	~3 weeks from kickoff to go-live for basic modules:
Deployment	Cloud-hosted (secure, accessible from site or office), mobile-friendly
One-Time Cost	\$38,000 (excl. GST) – includes setup and 10 hours training
Ongoing Costs	~\$8,000+ / year for server hosting and system maintenance (under 5 users)
Support	Phone, email, and screen-share support included in maintenance

- Basic Modules for Construnction Industry:
  - Documents (documents)
  - Employees (hr)
  - Field Service (industry\_fsm)
  - Helpdesk (helpdesk)
  - Knowledge (knowledge)
  - Sign (sign)
  - CRM (crm)
  - Calendar (calendar)
  - Contacts (contacts)
  - Discuss (mail)

- Timesheets (timesheet\_grid)
- Project (project)
- Sales (sale\_management)
- Invoicing (account)
- Inventory (stock)
- Purchase (purchase)
- Planning (planning)

No long-term contracts. No hidden fees. You own your data and your process.

#### **Optional: Support & Consulting Packages**

After implementation, your team may need ongoing technical guidance or system enhancements. We offer flexible support options tailored to your business needs.

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## Why This Works for SME Builders

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- **No more spreadsheet chaos** — everything is version-controlled and searchable
- **Better client trust** — professional quoting, clear progress updates, on-time invoicing
- **Improved profitability** — see exactly which jobs are making or losing money
- **Less stress** — automated reminders, central document storage, mobile access
- **Scalable** — works for 1 project or 10

Whether building single homes, townhouse developments, or small civil works, WarpDriven AI ERP gives family-run builders the tools of a larger firm — without the complexity.

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Prepared with care by

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