



PmtechERP[®]

GLOBAL MANUFACTURING ERP

CORPORATE PROFILE

The Global Manufacturing ERP Company

Global Manufacturing ERP — Built by Manufacturers, for Manufacturers

PmtechERP is a global manufacturing ERP platform and knowledge hub, founded in 2009 in Krishnagiri, Tamil Nadu, with one conviction: manufacturing ERP should be designed from the shop floor up, not adapted from generic business software. Fifteen years later, 500+ manufacturers across 42 countries run their entire operation on PmtechERP — from 50-person precision component shops to 5,000-person integrated steel mills — at a fraction of the cost of SAP or Oracle.

www.pmtecherp.com

SAP-grade capability · Go live in 3-6 months · Industry 4.0 & IoT ready · Transparent all-inclusive pricing

PMTECHERP AT A GLANCE

500+

Manufacturing Clients

42

Countries Served

15+

Years of Experience

98%

On-Time Go-Lives

PmtechERP is a global manufacturing ERP platform and knowledge hub, founded in 2009 in Krishnagiri, Tamil Nadu, with one conviction: manufacturing ERP should be designed from the shop floor up, not adapted from generic business software. Fifteen years later, 500+ manufacturers across 42 countries run their entire operation on PmtechERP — from 50-person precision component shops to 5,000-person integrated steel mills — at a fraction of the cost of SAP or Oracle.

- › Founded 2009 · Global HQ in Singapore
- › 5 offices worldwide: Singapore · Krishnagiri · Coimbatore · Dubai · Bangalore
- › 28+ manufacturing verticals served across 42 countries
- › 9 fully-integrated ERP modules with 41+ specialized sub-modules on a single real-time platform

OUR VISION

A World Where Every Manufacturer Competes on Data, Not Guesswork

We envision a global manufacturing sector where even a 50-person factory in Tamil Nadu or Gujarat has the same real-time visibility, AI-powered analytics, and supply chain intelligence as a Fortune 500 company — at a price point that makes sense.

OUR MISSION

Make Enterprise ERP Accessible to Every Manufacturing Business

We build manufacturing ERP that is powerful enough for complex, multi-plant operations, yet affordable and implementable by mid-market manufacturers who cannot justify SAP budgets or 2-year implementation timelines.

WHY MANUFACTURERS CHOOSE PMTECHERP

- **One integrated platform, one database**

Finance, production, quality, maintenance, supply chain and analytics share a single real-time database — no bolt-ons, no nightly syncs, no integration middleware.

- **SAP-grade capability, mid-market price**

Enterprise depth without the enterprise budget or the 2-year timeline. Transparent, all-inclusive pricing with no per-module surprises.

- **Live in 3-6 months**

Industry templates cut configuration time by 60%. Average go-live is 3-6 months versus 12-24 months for generic ERP — backed by a 98% on-time record.

- **Industry 4.0 & IoT ready**

Native machine connectivity, OEE monitoring, predictive analytics and Digital Twin simulation — smart-factory capability included, not sold as an add-on.

OUR CORE VALUES

- **Manufacturing-First Design**

Every feature is built by manufacturing engineers for manufacturing engineers. We never adapt generic business software — every module is designed for production environments.

- **Global Reach, Local Depth**

Operations in 42 countries with local implementation teams who understand regional regulatory requirements, language preferences, and business practices.

- **Implementation Excellence**

98% on-time implementation success rate. Our 5-phase methodology ensures go-live within committed timelines — we have never abandoned a client implementation.

- **Continuous Innovation**

Sustained R&D investment in Industry 4.0, AI, and IoT keeps our clients ahead of technological change — without costly mandatory upgrade cycles.

- **Enterprise Security & Compliance**

ISO 27001 certified. Role-based access, complete audit trails, tamper-proof logs, and data residency options for FDA, GMP, and IATF regulated industries.

- **Partnership Over Transaction**

A dedicated Customer Success Manager on your account from Day 1. Your operational success is tracked in our KPIs — not just at contract signature.

LEADERSHIP TEAM

- **Rajesh Krishnamurthy — CEO & Co-Founder**

22 years in manufacturing technology. Former Head of Manufacturing IT at a Fortune 500 Automotive Group. Led ERP deployments across 14 countries before founding PmtechERP.

- **Ponraj Moorthy — CTO & Co-Founder**

18 years in enterprise software architecture. Architect of 3 ERP platforms across SAP, Oracle, and custom stacks. Pioneered PmtechERP's native IoT integration framework.

- **Mohammed Al-Rashid — VP — Middle East & Africa**

15 years in ERP implementation in GCC. Led 80+ ERP rollouts across GCC manufacturing sector. Deep expertise in Saudi, UAE, and Qatar regulatory environments.

- **Anita Sharma — VP — Implementation Excellence**

16 years in enterprise project delivery. Designed the PmtechERP 5-Phase Implementation Methodology — now deployed across all 500+ client engagements.

5-PHASE IMPLEMENTATION METHODOLOGY

Our proven, low-risk delivery framework is why 98% of PmtechERP go-lives land on time — and why we have never abandoned a client implementation.

- **Phase 01 · Discovery & GAP Analysis (2-3 weeks)**

Deep-dive into your processes, pain points, and goals. We document every business requirement and map them to PmtechERP capabilities before any configuration begins. No surprises later.

- **Phase 02 · Configuration & Build (4-8 weeks)**

System is configured to your workflows using industry templates as the starting point — not blank-slate generic defaults. Your specific approval chains, cost centers, and BOMs are built in.

- **Phase 03 · Data Migration & Testing (2-4 weeks)**

Historical data migrated, cleansed, and validated. Parallel run to verify every financial and inventory figure matches your existing records before go-live is authorized.

- **Phase 04 · Training & Change Management (2-3 weeks)**

Role-based training for every user — not generic ERP training, but your specific workflows in PmtechERP. Change management support to drive adoption across all departments.

- **Phase 05 · Go-Live & Hypercare (30 days + Ongoing)**

Dedicated hypercare team for the first 30 days post-launch. 24/7 support hotline, guaranteed SLAs, on-site if needed. We stay until you are fully independent.

INDUSTRIES WE SERVE

From precision component shops to integrated process plants, PmtechERP is configured for the realities of 28+ manufacturing verticals — each with industry-specific templates that cut implementation time by up to 60%.

Automotive

Aerospace

Electronics

Machinery

Medical Devices

Pharma

Chemical

Cosmetics

Food & Beverage

Textile

Steel & Metals

Plastics & Rubber

Packaging

Construction Materials

Wood & Furniture

Renewable Energy

Power Equipment

Shipbuilding

Glass & Ceramics

Jewellery

Leather

Toys

Printing

Railway

Contract Mfg

Precision Engineering

Repair Services

MSME & Rural

ONE PLATFORM · EVERY ERP MODULE

9 fully-integrated modules and 41+ sub-modules share a single real-time database — finance, production, quality, maintenance, supply chain and analytics, with no connectors or middleware to maintain.

- Finance & Accounting
- Sales & CRM
- Procurement & Purchasing
- Inventory & Warehouse
- Manufacturing & Production
- Quality Management
- Plant Maintenance
- HRMS & Payroll
- Analytics & Business Intelligence

TECHNOLOGY & ARCHITECTURE

- **Frontend**
React 18 · TypeScript · PWA-ready · Mobile-first UI
- **Backend**
Node.js / .NET Core · Microservices · RESTful APIs · GraphQL
- **Database**
PostgreSQL · MongoDB · Redis Cache · Data Warehouse
- **IoT & Integration**
OPC-UA · MQTT Protocol · REST / Webhooks · EDI / B2B
- **AI & Analytics**
ML Predictive Models · BI Dashboards · AI Copilot · NLP Reports
- **Infrastructure**
AWS / Azure · On-Premise Option · Hybrid Cloud · SOC 2 Type II

INDUSTRY 4.0 & THE SMART FACTORY

PmtechERP connects your ERP to every machine, sensor, and production line — delivering real-time OEE visibility, AI predictive maintenance, and full MES functionality without third-party middleware or expensive add-on licenses. While other vendors charge separately for MES, AI, and Digital Twin, PmtechERP includes all Industry 4.0 capabilities in the base license.

40%

Average OEE Improvement

60%

Less Unplanned Downtime

25%

Lower Inventory Cost

3x

Faster Production Reporting

Smart Factory Capabilities — All Included in the Base License

- **IoT Machine Connectivity — Real-time data from every machine**
Connects to any machine using OPC-UA, MQTT, Modbus, and REST APIs — no proprietary hardware. Live cycle time, temperature, pressure and machine-state monitoring with automatic production-count reconciliation.
- **Real-time OEE Monitoring — Availability × Performance × Quality**
Track OEE at machine, line, plant, and group level simultaneously. Waterfall loss analysis, live shop-floor dashboards, and cross-plant benchmark reporting pinpoint exactly where productivity is lost.

- **AI Predictive Maintenance — Predict failures 2-4 weeks ahead**

ML models trained on your sensor data detect failure signatures weeks before breakdown. Work orders auto-created, spare parts pre-ordered, technicians scheduled — with Remaining Useful Life per machine.

- **Digital Twin Simulation — Virtual factory before physical changes**

Build a virtual model mirroring real-time conditions to simulate production-plan changes before implementation — what-if planning, capacity bottleneck visualization, NPI scenarios, and energy modeling.

- **Native MES Integration — No middleware, no third-party MES**

Built-in MES dispatches work orders from ERP planning directly to shop-floor terminals, tracks real-time production progress, and captures electronic batch records (GMP/FDA compliant) with in-routing quality checkpoints.

- **AI Analytics & BI — Intelligence at every management level**

AI-powered analytics surface insights spreadsheets cannot — plain-English natural-language queries, AI-generated exception reports, ML demand forecasting, and automatic KPI anomaly detection with alerts.

UNIVERSAL MACHINE CONNECTIVITY

Connect to any machine from any manufacturer using industry-standard protocols — no proprietary hardware, no middleware, no third-party IoT platform.

OPC-UA

MQTT

Modbus RTU/TCP

REST / Webhooks

SCADA Direct

EtherNet/IP

PROFINET

BACnet

YOUR SMART FACTORY TRANSFORMATION JOURNEY

- **Stage 1 · Connected**

Machine data flows into the ERP. Manual data entry eliminated.

- **Stage 2 · Visible**

Real-time dashboards. OEE live on the shop floor.

- **Stage 3 · Intelligent**

AI anomaly detection. Predictive alerts triggered automatically.

- **Stage 4 · Optimized**

AI production scheduling. Digital twin simulations active.

- **Stage 5 · Autonomous**

Self-adjusting workflows. Lights-out manufacturing segments.

THE SAP & ORACLE ALTERNATIVE

Manufacturers switch from SAP and Oracle to PmtechERP every month — not because they cannot afford SAP, but because PmtechERP delivers deeper manufacturing functionality, faster

implementation, and up to 60% lower total cost of ownership. Our migration team has moved 50+ companies from SAP, Oracle, ERPNext, and Microsoft Dynamics with zero production downtime and 100% data integrity.

Why Manufacturers Switch to PmtechERP

- › 60% lower 5-year total cost of ownership
- › 3-6 month go-live (vs SAP's 12-24 months)
- › Manufacturing-native modules — all included
- › Local teams in India, UAE & MENA region
- › No surprise add-on costs or forced upgrades
- › 98% implementation on-time success rate

FEATURE-BY-FEATURE: PMTECHERP VS SAP

Capability	PmtechERP	SAP / Oracle
Manufacturing-specific modules	Fully native — included	Add-on / ISV required
Implementation timeline	3-6 months	12-24 months
License cost (per user/year)	60-70% lower	Very high
5-year total cost of ownership	60% lower	Industry benchmark high
Industry-specific configuration	Pre-built templates	Extensive consultant work
IoT / MES integration	Native — included	Extra-cost add-on
AI & predictive analytics	Included in base	Extra-cost add-on
Mobile apps (shop floor)	Included	Extra license
Digital twin simulation	Included	Very expensive
Local support India/UAE/MENA	Dedicated local team	Partner network only
SME-friendly licensing	Yes	No
Upgrade flexibility	Continuous deployment	Complex upgrade cycles
Zero-code configuration	Yes	No

HOW WE COMPARE TO LEADING ERP VENDORS

• SAP Business One / S/4HANA

Common problems — Extremely high licensing and implementation costs requiring specialist consultants. Implementations take 12-24 months and routinely overrun budget by 30-50%. MES, IoT, and mobile require separate, expensive add-on licenses. PmtechERP advantage — 60% lower TCO, 3-6 month go-live, all manufacturing modules and IoT included in the base license.

- **Oracle ERP Cloud**

Common problems — Built primarily for financial services. Manufacturing modules require extensive customization by expensive consultants. High cloud subscription costs with mandatory 8–15% annual increases and weak shop-floor/MES connectivity. PmtechERP advantage — Purpose-built for manufacturing, predictable pricing with no forced increases, native MES and IoT.

- **Microsoft Dynamics 365**

Common problems — Manufacturing functionality requires multiple ISV add-ons at extra cost, with complex licensing across Finance & Operations, Sales, and Field Service. Strong in CRM/finance but weak on shop floor, planning, and quality. PmtechERP advantage — Unified manufacturing platform, all capabilities in one license, native Industry 4.0 features.

- **ERPNext / Frappe**

Common problems — Open-source foundation requires significant in-house developer customization. Lacks enterprise manufacturing features — no native MES, Digital Twin, or predictive maintenance AI — and SLA-backed enterprise support is limited. PmtechERP advantage — Enterprise-grade features out-of-box, dedicated implementation team, 24/7 SLA-backed support.

MANUFACTURERS WHO SWITCHED

- **Precision Auto Components Ltd. — switched from SAP Business One**

Saving ₹1.8Cr/year · 4 months to go-live · 340 employees, Pune

- **IndoChem Industries — switched from Oracle ERP Cloud**

Saving ₹3.2Cr/year · 6 months to go-live · 720 employees, Gujarat

- **Gulf Steel Solutions — switched from Microsoft Dynamics**

Saving \$420K/year · 5 months to go-live · 280 employees, UAE

ZERO-RISK MIGRATION PROCESS

50+ successful migrations · zero production downtime · 100% data integrity · typical 4–9 month timeline including parallel-run validation.

- **01 · Migration Audit**

Data mapping, complexity assessment, and go-live timeline scoped with your team. Fixed-price migration quote.

- **02 · Parallel Setup**

PmtechERP configured and populated in parallel with your live system. No impact on current operations.

- **03 · Data Transfer**

All historical data migrated, validated, and reconciled. Financial, inventory, and production records verified to the cent.

- **04 · Cutover & Hypercare**

Weekend cutover with a dedicated hypercare team on-site for 30 days. Legacy access maintained for reference.

FLEXIBLE DEPLOYMENT OPTIONS

- **Cloud (SaaS)**

Fully managed on AWS or Azure with automatic updates, elastic scaling, and 99.9% uptime SLA — the fastest path to go-live with no infrastructure to maintain. Includes: AWS / Azure managed hosting · Automatic continuous updates · 99.9% uptime SLA · Elastic multi-plant scaling

- **On-Premise**

Deploy inside your own datacenter for full data residency and control — ideal for defence, regulated, and air-gapped manufacturing environments. Includes: Full data residency & control · Air-gapped / isolated network option · Your security & backup policies · Perpetual or subscription licensing

- **Hybrid Cloud**

Keep sensitive data on-premise while running analytics, AI, and remote access in the cloud — a balanced model for multi-site manufacturers. Includes: Sensitive data stays on-site · Cloud AI & analytics layer · Secure site-to-cloud sync · Phased cloud migration path

CUSTOMER SUCCESS & SUPPORT

- **Dedicated Customer Success Manager**

A named CSM owns your account from Day 1. Your operational outcomes — not just contract signature — are tracked in our internal KPIs.

- **24/7 SLA-Backed Support**

Guaranteed response SLAs with a multi-channel support desk — phone, email, and WhatsApp — staffed by manufacturing-literate engineers.

- **Local Implementation Teams**

On-the-ground teams across India, UAE, and the MENA region who understand regional regulations, languages, and business practices.

- **Continuous Enablement**

Role-based training, an ERP knowledge hub, certification programs, and quarterly business reviews keep your teams ahead as you scale.

BUSINESS OUTCOMES OUR CLIENTS MEASURE

60%

Lower 5-Year TCO

98%

On-Time Go-Lives

50+

ERP Migrations

40%

Avg OEE Improvement

OUR JOURNEY

- **2009**

Founded in Krishnagiri, Tamil Nadu with a conviction: manufacturing ERP should think like a manufacturer, not a generic accountant. First client: a precision engineering firm in Coimbatore.

- **2012**

Launched dedicated Manufacturing Execution System (MES) module — becoming one of very few ERP vendors with native MES integration at no extra license cost.

- **2015**

Expanded to Middle East and Southeast Asia. Crossed 100 clients. Opened Dubai operations hub for GCC manufacturers.

- **2017**

Launched full Industry 4.0 platform: IoT machine connectivity, OEE monitoring, real-time shop floor dashboard. Smart factory journey begins.

- **2020**

300+ clients across 30 countries. AI-powered predictive analytics launched. COVID-driven digital transformation accelerated adoption across Asia.

- **2022**

Digital Twin simulation engine released. Recognized as Top 3 Manufacturing ERP Platform in South Asia by independent analysts.

- **2024**

500+ clients, 42 countries, 28 manufacturing verticals. Largest pure-manufacturing ERP platform headquartered in South Asia.

CERTIFICATIONS & COMPLIANCE

PmtechERP is built for regulated manufacturing — with the audit trails, validation and controls demanded by the world's most exacting industries.

ISO 27001

FDA 21 CFR Part 11

GMP

IATF 16949

AS9100

ISO 9001

CE Marking

GLOBAL PRESENCE

- › Singapore, Singapore (Headquarters) — One Raffles Place, Singapore
- › Krishnagiri, India (Registered Office) — Krishnagiri, Tamil Nadu 635001, India
- › Coimbatore, India (Branch Office) — Ramanathapuram, Tamil Nadu 641045, India
- › Dubai, United Arab Emirates (Branch Office) — Business Bay, Dubai, UAE
- › Bangalore, India (Branch Office) — Electronic City Phase 1, Bangalore, India

Let's Build Your Smart Factory

Book a free, personalized PmtechERP demo and see the full platform working on your processes. Book at www.pmtecherp.com/book-demo, call or WhatsApp +91 91599 03059, or email pmtechclients@gmail.com.