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Enabling Commerce, Delivering Trust

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BlockFactoryERP

Feature Overview & Capability Guide

BlockFactoryERP is TondeSoft's dedicated enterprise resource planning system for block-making and concrete-products manufacturers, connecting production, inventory, sales, logistics, finance, maintenance and quality control on one platform — with an AI assistant and IoT machine monitoring built in. The sections below outline each module available in the system and what it does for your business.

OVERVIEW

1 Dashboard KPIs

A real-time command centre showing production output, sales, stock levels and financial KPIs at a glance, so owners and managers can see how the factory is performing the moment they log in.

2 AI Business Assistant

ALFRED AI

An intelligent assistant built into the ERP that can answer questions about your business data, surface insights and help staff find information quickly without digging through menus and reports.

MANUFACTURING & MIX

3 Inventory & Warehouses

CORE

Tracks stock across every warehouse and yard — cement, aggregate, finished blocks and more — giving real-time visibility into what's available and where it's stored.

4 Production & Daily Schedule

CORE

Plans and tracks daily production runs, batch by batch, so supervisors can schedule output, monitor progress and keep the factory floor running to target.

5 Block & Concrete Products

Manages your full catalogue of block and concrete products — sizes, specifications and pricing — so sales and production always work from the same product data.

6 Raw Materials Catalog

Maintains a structured catalogue of raw materials used in production, with specifications and supplier details, keeping material data consistent across the system.

7

Mix Design & Recipes

Stores standardised mix designs and recipes for each product, ensuring consistent quality and making it easy to calculate material requirements for any production run.

COMMERCE & LOGISTICS

8

Sales POS & Invoices

CORE

A point-of-sale system for counter and trade sales, generating invoices instantly and updating finished-goods stock the moment a sale is made.

9

Purchases & Supplier POs

Manages purchase orders for raw materials and supplies, from request through approval to delivery, keeping procurement organised and auditable.

10

Fleet & Truck Dispatch

Coordinates delivery trucks and dispatch schedules, helping ensure orders reach customers and job sites on time while keeping fleet usage visible.

FINANCE & ANALYTICS

11

Analytics & Export

CORE

Generates detailed operational and financial reports across production, sales and inventory, with export options for further analysis or sharing with stakeholders.

12

Financial Ledger & GRA Tax

Maintains a full financial ledger with built-in support for Ghana Revenue Authority (GRA) tax requirements, simplifying compliance and financial reporting.

13

Payroll & SSNIT / PAYE

Automates staff payroll with built-in compliance for Ghana's statutory SSNIT contributions and PAYE tax deductions, reducing manual payroll work.

MAINTENANCE & QUALITY

14

Machines & Sensors

IOT SENSORS

Connects to IoT sensors on production machinery to monitor equipment status and performance in real time, helping catch issues before they cause downtime.

15

Machine Maintenance

Schedules and tracks preventive and corrective maintenance for factory equipment, reducing unplanned breakdowns and extending machine lifespan.

16 **Quality & Compression Test**

Records quality control checks and compression test results for produced blocks, ensuring every batch meets required strength and quality standards.

EXTERNALS & PORTALS

17 **Master Data Entities**

Centralises core reference data — customers, suppliers, products and materials — so every module in the system works from one consistent, accurate source of truth.

18 **Customer Self-Service**

A self-service portal where customers can place orders, check delivery status and view their account, reducing calls to the sales team.

19 **Supplier Portal**

Gives suppliers a dedicated portal to view purchase orders, confirm deliveries and track payments, streamlining communication with your procurement team.

DEVELOPMENT & SYSTEM

20 **Users & Role Management** SECURITY

Role-based access control lets administrators define exactly what each user can see and do within the system, protecting sensitive production and financial data.

21 **System & GRA Settings**

Central configuration for system-wide preferences and Ghana Revenue Authority (GRA) tax settings, keeping the platform aligned with your business and regulatory requirements.

BlockFactoryERP is delivered, hosted and supported by TondeSoft Ltd, with modules that can be deployed together or rolled out in phases to match your factory's pace and budget. To arrange a live demonstration or discuss a tailored implementation for your business, please reach out using the contact details below.

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A closer look

BlockfactoryERP | Visual overview



Industry context



Product visual

BUILT AROUND YOUR OPERATIONS

BlockfactoryERP is part of the TondeSoft portfolio of practical business management solutions. The preceding catalogue outlines the functional areas and capabilities available for discussion and deployment.