

# LOGIC LAYER ENTERPRISE ERP PLATFORM

***Enterprise Governance • Compliance Engine • Intelligence Layer • Autonomous Control***

## EXECUTIVE OVERVIEW

Logic Layer Enterprise ERP is a next-generation governance-driven platform designed for enterprises that require real-time compliance, financial integrity, multi-branch consolidation, and predictive intelligence. Unlike traditional ERP systems, Logic Layer integrates Compliance, Risk Analysis, Enterprise Intelligence, and Autonomous Governance into a unified architecture.

## FOUR-LAYER ENTERPRISE ARCHITECTURE

- Layer 1 – Transactional ERP: Sales, Purchase, Inventory, Accounting, Manufacturing, Payroll.
- Layer 2 – Financial Control & Audit: GL integrity engine, audit trails, compliance enforcement.
- Layer 3 – Enterprise Intelligence: Health scoring, predictive risk detection, forecasting lab.
- Layer 4 – Autonomous Governance: Lockdown triggers, plan enforcement, stabilization engine.

## CORE MODULES (20 ENTERPRISE MODULES)

- Sales Management – Order lifecycle & receivable tracking.
- Purchase Management – 3-way matching & vendor control.
- Inventory Control – FIFO costing & cost layer integrity.
- Accounting Engine – Full GL, P&L, Balance Sheet, Cash Flow.
- Manufacturing – Production costing & material consumption.
- Payroll System – Salary processing & payroll liabilities.
- Multi-Branch Accounting – Consolidation & IB elimination.
- Budgeting System – Account & branch-level variance control.
- Enterprise Intelligence Engine – Health scoring & analytics.
- Risk Engine – Predictive anomaly detection.
- Stabilization Engine – Cash emergency detection.
- Forecast Lab – 12-month projections & scenario simulations.

- Governance Engine – Autonomous compliance enforcement.
- SaaS Billing Engine – Subscription & revenue tracking.
- Plan Enforcement – Feature gating & usage limits.
- FBR Digital Invoicing – Real-time compliance integration.
- Audit Trail System – Full activity logging.
- Exception Center – Centralized ERP issue monitoring.
- Revenue Dashboard – MRR, ARR, ARPU analytics.
- Compliance Controls – Regulatory & tax governance.

## **FBR COMPLIANCE ENGINE**

Built-in real-time FBR integration ensures every invoice is validated, reported, and archived automatically. Features include IRN generation, HS code validation, buyer NTN verification, duplicate detection, and governance restrictions.

## **CLOUD-BASED ENTERPRISE PLATFORM**

Secure cloud infrastructure with subscription-based access. Automatic compliance updates, scalable multi-branch deployment, and real-time performance monitoring. No installation required. Enterprise-ready scalability.

## **WHY LOGIC LAYER ERP?**

- Native Real-Time Compliance Engine
- Autonomous Governance & Lockdown Controls
- Predictive Risk Detection
- Enterprise Intelligence & Health Scoring
- Multi-Tenant Enterprise SaaS Ready
- Revenue & Subscription Analytics Built-In

## **READY TO GOVERN YOUR ENTERPRISE INTELLIGENTLY?**

Contact Logic Layer today to schedule an executive demo and transform your enterprise operations with governance-driven ERP intelligence.