BOS – Decision Simulation Layer & AI Advisors
HOW BOS SUPPORTS DECISIONS (Official Document)

Human-in-control, Explainable, Audit-safe Intelligence

1. Core Doctrine

The BOS Decision Simulation Layer exists to help humans understand consequences before decisions are executed. BOS never replaces human authority unless explicit consent is given.

2. Decision Simulation Explained

Decision Simulation enables scenario testing using real BOS data, allowing users to evaluate financial, operational, and compliance impact without committing changes.

3. Decision Domains

Supported domains include pricing and promotions, cash and liquidity planning, procurement strategies, loans and capital decisions, tax exposure, and workforce planning.

4. AI Advisors Model

BOS deploys multiple domain-specific AI Advisors such as Finance, Cash Flow, Tax & Compliance, Operations, Sales, and Workforce Advisors. Each advisor operates within strict data and role boundaries.

5. Role-Based Visibility

AI insights are filtered by user role, branch, and business scope. Unauthorized access to sensitive information is prevented by design.

6. Consent & Decision Modes

Decisions may operate in advisory, assisted execution, or limited automation modes. Execution always requires explicit user consent and is recorded.

7. Decision Journal & Audit Trail

All major decisions are logged with assumptions, AI explanations, user consent, timestamps, and outcome status for accountability and audits.

8. Safe Defaults & Guardrails

When uncertainty exists, BOS applies conservative defaults, marks outcomes as provisional, and allows later correction without altering historical data.

9. Non-Negotiable AI Limits

AI cannot sign contracts, borrow funds, pay money, dismiss staff, delete data, or alter historical records.

10. Engine Relationships

The Decision Simulation Layer reads data from Accounting, Inventory, Cash Management, HR, Procurement, Promotion, and BI Engines without directly modifying them.

11. Final Doctrine

BOS empowers informed, responsible decision-making by combining verified data, controlled AI advice, and human accountability into one auditable framework.