

4. Strategy: Technical Overview

This section **isn't** done, but it corresponds to an hypothetical future section for strategic planning that would build upon the existing analysis pipelines. There's no actual code implementation yet and as such this section/step is being skipped in the workflow, but I'm going to show a sketch and superficially explain what such a strategic planning system might conceptually look like:

4.1 Hypothetical Strategic Planning General Architecture

This future "Strategy" section would represent a synthesis layer that integrates all previous analyses into a comprehensive organizational strategy framework.

4.1.1 Conceptual Architecture

The system would analyze the outputs from all previous sections for the most important problems and issues of an organization:

Input Sources:

- Problem analyses from the Problem Pipeline (risk assessments, value changes, constraints)
- Solution analyses from the Solution Pipeline (dimensions, archetypes, contexts)
- Cost-benefit analyses from the Enrichment Pipeline (NPV, IRR, ROI, risk-reward ratios)
- Budget constraints and resource availability (**Financial Analysis project**)
- Organizational goals and current technical and personnel capabilities

Strategic Synthesis Engine: (following **McKinsey's 3 Horizons Model**)

- **Horizon 1 Analysis:** Evaluate current business solutions for immediate implementation
- **Horizon 2 Analysis:** Identify emerging opportunities that build upon current capabilities
- **Horizon 3 Analysis:** Explore visionary possibilities that require significant transformation

Integration Framework:

- **Solution-Budget Alignment:** Matches solution requirements with available resources
- **Risk-Return Optimization:** Balances risk profiles across strategic horizons
- **Resource Allocation:** Distributes budget and capabilities across time horizons
- **Dependency Mapping:** Identifies strategic interdependencies between initiatives

4.1.2 Strategic Decision Framework

Again, following **McKinsey's 3 Horizons Model**:

Horizon Classification:

- **Horizon 1:** Solutions and projects with IRR > 20%, payback < 2 years, low implementation risk
- **Horizon 2:** Solutions and projects with IRR 10-20%, payback 2-5 years, moderate innovation required
- **Horizon 3:** Solutions and projects with IRR < 10%, payback > 5 years, significant transformation needed

Strategic Portfolio Balancing:

- Allocate 60-70% of resources to Horizon 1 (cash generation)
- Allocate 20-30% to Horizon 2 (growth opportunities)
- Allocate 10-20% to Horizon 3 (future positioning)

Implementation Planning:

- **Phase 1:** Immediate execution of high-confidence Horizon 1 solutions
- **Phase 2:** Pilot programs for Horizon 2 opportunities
- **Phase 3:** Research and development for Horizon 3 initiatives

4.1.3 Output Structure

Strategic Roadmap:

- **3-5 Year Strategic Plan:** Integrated timeline across all horizons
- **Resource Allocation Matrix:** Budget distribution by initiative and time horizon
- **Risk Mitigation Plans:** Contingency strategies for each strategic initiative
- **Success Metrics:** Key performance indicators for each horizon

Executive Dashboard:

- **Strategic Balance Score:** Ratio of investments across horizons
- **Portfolio Health Metrics:** Risk-adjusted returns by strategic category
- **Capability Gap Analysis:** Required vs. available organizational capabilities

4.1.4 Integration Points

With Solution Pipeline:

- Solution archetypes mapped to strategic horizons

- Dimensional scores used for capability assessment
- Context analysis for implementation feasibility

With Problem Pipeline:

- Risk scores integrated into strategic risk assessment
- Value change metrics for ROI projections
- Constraint analysis for resource planning

With Enrichment Pipeline:

- NPV/IRR analysis for financial prioritization
- Cost-benefit ratios for investment decisions
- Payback periods for cash flow planning

4.1.5 Strategic Intelligence Features

Opportunity Discovery:

- Identify market gaps through solution analysis patterns
- Predict emerging trends from cost-benefit research
- Uncover strategic blind spots in current portfolio

Risk Management:

- Diversify across horizons to balance risk exposure
- Create strategic hedges for high-risk initiatives
- Develop contingency plans for market disruptions

Organizational Alignment:

- Map strategic initiatives to core competencies
- Identify capability gaps requiring development
- Plan organizational changes for strategic transitions

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This strategic planning layer would transform the analytical outputs from the previous pipelines into actionable organizational strategy, providing executives with a clear roadmap for balancing current performance with future growth opportunities. The McKinsey Three Horizons framework would ensure comprehensive coverage from immediate tactical execution to long-term vision planning.

Status: This section remains conceptual (and underdeveloped) and is not yet implemented in the current codebase. It represents a natural evolution of the existing analysis pipelines toward the comprehensive strategic business decision-making workflow that is the overall goal of this project.