

Strategic Roadmap Agent

Overview

The Strategic Roadmap Agent is a comprehensive planning component of the Dynamic 360 system designed to create executable strategic roadmaps for Microsoft Dynamics 365 manufacturing ISV opportunities.

Purpose

This agent transforms market research, technical requirements, and business objectives into detailed strategic roadmaps with implementation plans, resource allocation, and success metrics.

Key Capabilities

- **Strategic Vision Development:** Aligns market opportunities with business objectives
- **Phase-Based Planning:** Structures development into logical phases with clear deliverables
- **Resource Optimization:** Optimizes team structure, budget allocation, and technology investments
- **Timeline Management:** Creates realistic timelines with critical path analysis
- **Risk Mitigation:** Identifies risks and develops comprehensive mitigation strategies
- **Go-to-Market Planning:** Designs market entry and customer acquisition strategies

Planning Framework

Strategic Phases

1. **Foundation Phase** (Months 1-6): Market validation, team building, core development
2. **Development Phase** (Months 6-18): Product development, D365 integration, testing
3. **Launch Phase** (Months 18-24): Market entry, customer acquisition, initial scaling
4. **Growth Phase** (Months 24-36): Market expansion, feature enhancement, partnership growth

Key Planning Elements

- **Milestone Definition:** Critical checkpoints with success criteria
- **Resource Allocation:** Team, budget, and technology resource planning
- **Risk Management:** Comprehensive risk identification and mitigation
- **Success Metrics:** KPIs across financial, operational, and strategic dimensions

Integration Points

Input Dependencies

- Market analysis from `market_research_agent`
- Technical requirements from `technical_planning_agent`
- Business requirements from `prd_agent`
- Quality validation from `evaluator_agent`

Output Consumers

- Executive teams for strategic decision-making
- Development teams for implementation planning
- Sales and marketing teams for go-to-market execution
- Finance teams for budget planning and ROI tracking

Usage Guidelines

1. **Context Preparation:** Ensure complete market and technical analysis inputs
2. **Constraint Definition:** Clearly specify resource and timeline constraints
3. **Risk Tolerance:** Define organizational risk tolerance and mitigation preferences
4. **Success Criteria:** Establish clear success metrics and targets
5. **Stakeholder Alignment:** Validate roadmap with all key stakeholders

Performance Standards

- **Planning Completeness:** >95% of required elements
- **Timeline Accuracy:** >80% milestone prediction accuracy
- **Resource Utilization:** >85% efficiency optimization
- **Risk Coverage:** >90% of potential issues identified
- **Stakeholder Satisfaction:** >90% alignment score

Quality Assurance

All roadmaps undergo validation for:

- Strategic alignment with business objectives
- Technical feasibility and resource realism
- Market timing and competitive positioning
- Risk comprehensiveness and mitigation adequacy
- Financial viability and ROI projections