

# Execution Chart - Goals: weak (Risk: H)

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## Execution Overview

This execution chart provides a timeline and implementation plan for recommended strategies. It shows dependencies, resource requirements, and expected outcomes aligned with strategic goals.

## Implementation Timeline

Strategy	Priority	Timeline	0-6 months	6-18 months	18+ months
Dual-Supplier Strategy Implementation	High	Medium 6-18 months	●	●	●
Advanced Manufacturing Integration	High	Short 0-6 months	●	●	●
Customer-Centric Co-Engineering Program	High	Medium 6-18 months	●	●	●

## Key Implementation Steps

### 1. Dual-Supplier Strategy Implementation

Step	Description
Step 1	Conduct thorough assessments of current key component suppliers to identify vulnerabilities.
Step 2	Identify, vet, and negotiate contracts with at least two alternative suppliers for critical components.
Step 3	Establish a supply chain management system to monitor performance metrics.

#### Success Metrics (KPIs):

- Supplier delivery performance score (>90%)
- Cost per unit reduction (15% YoY)

### 2. Advanced Manufacturing Integration

Step	Description
Step 1	Install IoT-enabled sensors across key manufacturing units.
Step 2	Develop a real-time monitoring dashboard for plant operations.
Step 3	Train staff on using the system to identify and address issues promptly.

#### Success Metrics (KPIs):

- Downtime reduction (from 10% to  $\leq 2\%$ )
- Production cycle time improvement (>20%)

### 3. Customer-Centric Co-Engineering Program

Step	Description
Step 1	Identify top-tier customers for co-engineering efforts.

Step 2	Establish workshops to explore design enhancements with these customers.
Step 3	Collaborate on prototyping and testing new features.

**Success Metrics (KPIs):**

- Customer satisfaction score (>90%)
- Market share growth (5% YoY)

## Resource Requirements & Dependencies

The following resources and dependencies have been identified as critical for successful implementation:

Resource Type	Priority	Timeline Needed
Executive Sponsorship	High	Full Duration
Cross-functional Team	High	Full Duration
Technical Resources	Medium	Early Implementation
Budget Allocation	High	Milestone-based
Marketing Support	Medium	Later Stages
Analytics Capabilities	Medium	Full Duration