

# Project scheduling and milestone tracking

Automatically monitors project milestones, updates schedules when tasks complete or fall behind, and sends alerts to stakeholders to keep architecture and engineering projects on track and within budget.

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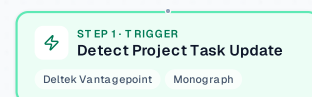


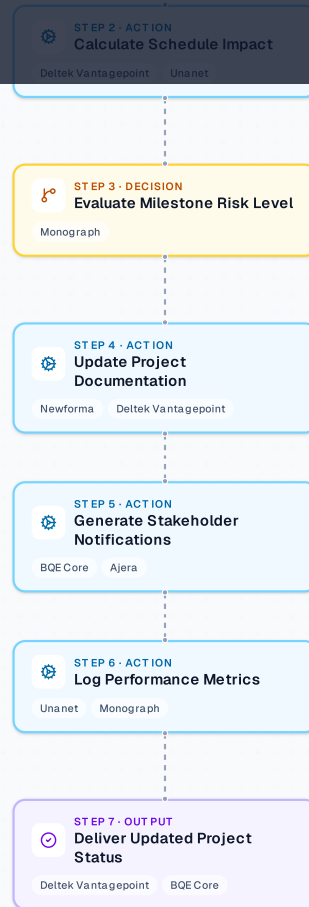
## WORKFLOW TRIGGER

Project task status changes in project management system (completion, delay, or critical path update)

## Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.





## Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

### Detect Project Task Update

Workflow initiates when a project task status changes, completion percentage updates, or deadline shifts in the project management system.

2

 ACTION

### Calculate Schedule Impact

System analyzes the task change against the critical path and calculates impact on downstream milestones and final project delivery date. Resource allocation and dependencies are recalculated.

Deltek Vantagepoint

Unanet

3

 DECISION

### Evaluate Milestone Risk Level

Workflow determines if the schedule change creates low risk (minor adjustment), medium risk (milestone at risk), or high risk (critical delay affecting client deliverables). Decision branches based on impact severity.

Monograph

4

 ACTION

### Update Project Documentation

Automatically updates project schedules, milestone dates, and resource plans in the project management system. Version control ensures all stakeholders see current information.

Newforma

Deltek Vantagepoint

5

 ACTION

### Generate Stakeholder Notifications

## AI Business OS

Creates customized alerts for project managers, team leads, and clients based on risk level. High-risk delays trigger immediate notifications while low-risk changes generate weekly summary reports.

BQE Core

Ajera

6

 ACTION

### Log Performance Metrics

Records schedule variance, milestone completion rates, and project health indicators in analytics dashboard. Historical data supports future project planning and estimation accuracy.

Unanet

Monograph

7

 OUTPUT

### Deliver Updated Project Status

Provides real-time project dashboard, updated milestone timeline, and risk assessment report to all stakeholders. Ensures transparency and enables proactive project management decisions.

Deltek Vantagepoint

BQE Core



### Outputs

- Updated project schedule with revised milestones

- Risk-based stakeholder notification emails

## AI Business OS



### Key Metrics

- Schedule variance percentage
- Milestone completion rate
- Average notification response time



### Tools & Integrations

- Deltek Vantagepoint
- Monograph
- Unanet
- Newforma
- BQE Core
- Ajera

## AI Business OS

Actionable AI implementation strategies for business leaders ready to transform their operations.

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