

Quarterly Engineering Report

This report summarizes the engineering team's progress during Q1 2026. It covers project milestones, resource allocation, key performance indicators, and recommendations for the next quarter.

The team delivered three major features ahead of schedule and resolved forty-seven production incidents, reducing mean time to resolution by thirty-two percent compared to the previous quarter.

Key Achievements

- Deployed real-time data pipeline (Project Aurora)
- Migrated authentication to zero-trust architecture
- Reduced API latency p99 from 450ms to 120ms
- Onboarded five new engineers across two teams

Resource Allocation by Project

Project	Engineers	Budget (\$K)	Status
Aurora	8	1,200	Shipped
Beacon	5	800	On Track
Catalyst	3	450	At Risk
Discovery	6	950	Planning

Risk Assessment

Project Catalyst faces resource constraints due to two engineers being reassigned to Aurora for the final sprint. The remaining team is experienced but the timeline is aggressive. We recommend either extending the deadline by two weeks or temporarily borrowing one engineer from Beacon.

Infrastructure costs increased by fifteen percent quarter-over-quarter, primarily driven by the new data pipeline. However, the pipeline replaced three legacy batch jobs, so net cost impact is expected to be neutral by Q3.

Recommendations

- 1 Approve two additional headcount for Catalyst team
- 2 Schedule architecture review for Discovery before sprint planning
- 3 Invest in observability tooling to sustain latency improvements

End of report. Next review scheduled for July 2026.