

Alternatives Analysis Document

Date: 2024-06-09

Prepared By: Jane Doe

Project: Example System Upgrade

1. Purpose

This document provides an analysis of alternative solutions to address the need for upgrading the Example System. The goal is to evaluate options and identify the most appropriate solution based on predefined criteria.

2. Background

The Example System currently faces issues with scalability, performance, and maintainability. An upgrade or replacement is required to support future business requirements.

3. Alternatives Identified

- Alternative 1:** Enhance the existing system
- Alternative 2:** Replace with a commercial off-the-shelf (COTS) product
- Alternative 3:** Develop a new custom system

4. Evaluation Criteria

- Cost
- Implementation Time
- Technical Feasibility
- Scalability
- Support and Maintenance

5. Alternatives Assessment

Criteria	Alternative 1 (Enhance Existing)	Alternative 2 (COTS Product)	Alternative 3 (Custom Development)
Cost	Low	Medium	High
Implementation Time	Short	Medium	Long
Technical Feasibility	Moderate	High	High
Scalability	Low	High	High
Support & Maintenance	Challenging	Vendor-supported	Internal team

6. Recommendation

Based on the assessment, Alternative 2 (Replace with a COTS Product) is recommended due to its balance of cost, scalability, and ease of support.

7. Next Steps

- Present findings to stakeholders
- Conduct detailed cost analysis for the recommended option
- Initiate procurement process upon approval

Important Notes

- Alternatives analysis should be objective and consider all viable options.
- Criteria for evaluation must be clearly defined and relevant to project goals.
- Documentation should be kept concise but comprehensive for stakeholder understanding.
- Update the analysis as new information becomes available or circumstances change.