

## **ACME Project Implementation**

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## **Introduction**

Given that ACME Company has a vision for its organization's advancement within the industry it must upgrade its security infrastructure to meet the requirements for government contracts. ACME Company has established a seven-year timeline to transition its infrastructure to meet the requirements set forth by the federal government. ACME Company intends to implement a multi-layered approach to its security practices ensuring that the three risk domains of people, processes, and technology are taken into consideration. This report will include a project charter to include our mission statement and review business needs and impacts of the project. It will also include a communication plan for the duration of the project and a Gantt Chart establishing individual tasks and project phases. Lastly, it will address the potential of scope creep impacting the project's completion.

## **Project Charter**

### **Mission Statement**

To align with ACME Company's future goals and create a better security infrastructure this project is designed to rectify a vulnerability in each security risk domain of people, processes, and technology, and to create a document conversion function. Within the people risk domain, the vulnerability that is being mitigated with this project is the physical security currently in place on ACME Company's campus. This current vulnerability presents a high risk of ACME Company being physically infiltrated and can create further issues as a result. Within the risk domain of process, the vulnerability present that will be remediated with this project is the current lack of process and procedure to establish requirements for server isolation, configuration, and protection. Due to the lack of process and procedure, there are currently wide

variations within server configuration and protection. This results in server configuration differing between locations, no uniform configurations, and lack of protection requirements. The risk domain of technology currently has the vulnerability of utilizing antiquated networking equipment within the network topology. Currently, the technology being used presents the potential that the network will not protect or transfer data reliably. With the creation of a document conversion function, it will ensure that generated reports have integrity when reporting the company's data. With the current generation of reports, the documents can be edited which leaves room for modification and presents issues with the integrity of the reports. By resolving the vulnerabilities within each security risk domain and creating a document conversion function, the goal is that the physical and network security will be improved, and report integrity will increase which will help ACME Company to meet the requirements established for working on government contracts.

### **Business Needs**

One of ACME Company's goals with the completion of this project is to increase confidence in its security posture through the implementation of a multi-layered approach to its systems. By making changes to the vulnerable systems identified for correction and establishing a document conversion function, ACME Company will have strong systems in place to present to external stakeholders to establish and increase their trust in this organization. Additionally, the completion of this project will further meet business needs because the technology being utilized will provide a greater physical security system which will deter theft and unauthorized access. The creation of a strong network topology and server protection process will also increase the protection ACME Company has from external threats compromising its network. A documentation conversion function will improve the integrity of the reports being generated and

presented to both internal and external stakeholders. This will further expand the trust placed within ACME Company by both current and future relationships. Through the completion of these individual pieces, this project will meet ACME Company's bigger goal to create a multi-layered security approach.

### **Business Impacts**

With the successful completion of this project, ACME Company will reduce its risk landscape which will have a positive impact on its business. This will be due in part to the strong physical security systems and structure on the ACME Company campus which will reduce the potential for an unauthorized individual gaining access to computer or network equipment. The network will also be better protected from digital attacks after the reconfiguration of network equipment and have established security standards. Additionally, the creation of a document conversion function will ensure that the integrity of reports can be maintained, which will increase consumer confidence in ACME Company. Through the completion of this project not only will it provide a better risk landscape, but it will also allow ACME Company to showcase the positive changes that it made to both current and future business associates and contracts. By doing this it increases the potential to attract new contracts and associates while also improving the current relationships.

### **Communication Plan**



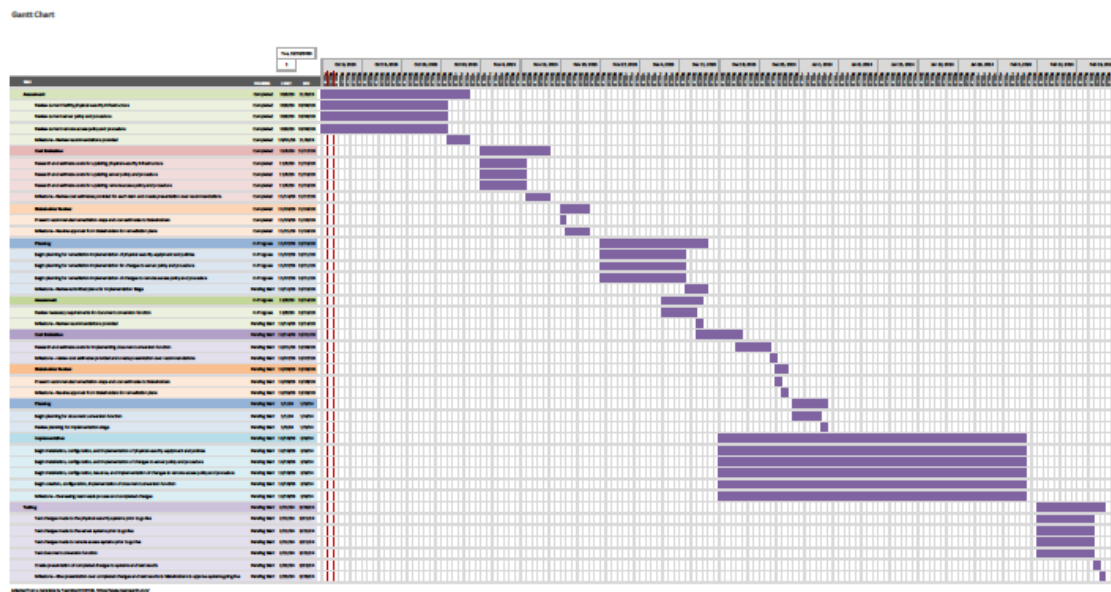
### CYB 420 Project Two Communication Plan Template

**Communication Table**

Communication	Goal	Method	Frequency	Owner	Audience
Project status report	Review project status and discuss potential issues or delays	Email	Weekly	Project manager	Project team and project sponsor
Assessment Report	Review teams' assessments of their team's project scope.	Email	At the end of the Assessment phase	Team Leaders/Contractors	Project Manager
Cost Evaluation Report	Review teams' cost evaluation of their team's project scope.	Email	At the end of the Cost Evaluation phase	Team Leaders/Contractors	Project Manager
Stakeholder Review Presentation	Present the recommended project assessments and cost evaluations provided by each team.	In-person presentation	Once both the Assessments and Cost Evaluation phases have been completed this presentation will occur	Project Manager	Stakeholders
Implementation Plan Report	Review teams' plans for implementing their team's solutions.	Email	After the Planning phase	Team Leaders/Contractors	Project Manager
Testing Results Report	Review teams' testing results from the implementation of their team's solutions.	Email	After the Implementation phase	Team Leaders/Contractors	Project Manager

### Gantt Chart

Double-click on the image for a larger and complete view of the Gantt Chart.



## Scope Creep

### Plan

To adjust for the scope creep presented in this project additional phases have been added to the project timeline and additional contractors will be utilized. To adjust for the added features requested after the project had commenced, original phases were repeated to establish the requirements of the new features and the cost for an additional contractor to complete this feature within the timeline of the project. Rather than use in-house teams to create the additional features requested in this adjustment a contractor that is a subject matter expert will be brought in to

review what aspects the feature needs to perform. Once that has been established and a cost estimate has been created and approved the rest of the feature will be brought into the schedule of the other aspects of the project. This will allow all aspects of the project to be in the same phase throughout the completion of the project for better supervision and consistency.

### **Address in Project**

This plan will be effective in addressing the scope creep in the project because the teams currently working on their aspects of the project will not be required to take on additional work. This will allow those teams to focus on their aspects of the project to ensure that they are functional within the project's deadline. The use of a contractor who is a subject matter expert in the creation of features like the one requested would be a better choice for this aspect than an in-house team. With the use of a contractor, additional labor is brought in to work on that aspect to ensure it is completed within the entire project's deadline. By bringing all projects onto one timeline it is easier to manage each team's work through the implementation and testing of their components.

### **Budget**

Due to the configuration changes and features being requested this project's cost is going to increase. Since the initial project assessed the costs of each component before approving the project's budget it will have to be reconfigured. This will be done after the contractor creating the document conversion feature has assessed their needs and costs to complete that component's scope within the established deadline. This additional funding request will be presented to the stakeholders to approve the increased budget.

### **Communication**

This plan will be communicated to the stakeholders through a formal presentation discussing the impact the additional request has on the initial project. This will include an option of increasing the deadline so that internal teams can add this project to their workload or the use of a contractor that specializes in this area. The presentation will provide the stakeholders with a quoted budget necessary to utilize a contractor in the completion of the additional requests. Once presented with all the facts the stakeholders can determine if they would rather increase the project's budget or add additional time for project completion to address scope creep.

### **Conclusion**

With ACME Company's urge to advance in the industry, this project must be completed to upgrade the organization's security infrastructure. This is especially important due to ACME Company's desire to begin working on government contracts. Since ACME Company has a goal of being federally compliant within seven years this project must be completed within the established timeframe. ACME Company has decided to utilize a multi-layered approach to its security practices while ensuring the three risk domains of people, process, and technology have been taken into consideration. This report has created a project charter that includes our mission statement and reviews business needs and impacts addressed through the completion of this project. Additionally, it includes a communication plan suggested for use during this project and a Gantt Chart that establishes individual tasks and project phases to ensure completion by the six-month deadline. This report addressed the potential impacts that scope creep has had on this project because of additional features being requested.



## References