# The Application of Project Integration Management in IT Project

**Abstract:** Project integration management(PMI) is a key concept and skill that is the hallmark of PMI and the project management professional. It includes the processes that are required to ensure that all the various elements of a project plan are properly coordinated. The key is coordination and integration. Using PMI, all the pieces of a complex project plan fit together. This is how we balance the three constraints in project management: scope, time, and cost. Therefore, in this paper we discuss the current development in project management technique and the importance of PMI. Continuing the discussion by presenting the basic concepts within this field. And details the problem by providing related samples. Finally, we reach the conclusion, indicating that PIM plays a much more important role in project management than ever before. Yet PIM still has its own disadvantages, we also propose some improvements for these disadvantages

**Keywords:** Project Integration Management, Application, Disadvantage, Improvement

## Introduction

A successful project manager must have a broad and comprehensive knowledge system on project management. Within the body of project management knowledge, project integration management plays a particularly important role, which keeps managing the whole project from the initiation of a project to the closing of it.

To accomplish such an arduous mission, project managers also demand the help from professional project management techniques, such as the calculation of Net Present Value(NPV), Return of Investment(ROI) or project management software Microsoft Project. Thus, it this paper, we also present the way on how to use NPV in project management.

Furthermore, project integration management leads the development, which be interwoven with other project management knowledge fields. Therefore, we also discuss the involvement of other knowledge, such Project Communication Management(PCM) and the other.

However, as the saying goes, every man has his fault. PIM will not be an exception. With the participation of all stakeholders, the development process will emerge countless problems continuously. To settle down these problems, a project manager also needs to have a clear understanding of the disadvantages of PIM. As a result, we also discuss its disadvantages and present some general improvements for it.

## Basic Concepts in PIM

## Function and Role

## Disadvantages and Improvements

## Conclusion

## Reference