

INTEGRATED PROJECT

Managing Your Project's Resources

You have an important task here. Now that you have created a network plan, including a schedule for your project, it is vital to resource level the plan. Develop a resource-loading chart for your project. As you do this, keep in mind the budget you created for your plan and the personnel you have selected for the project team. Your resource-leveling procedure must be congruent with the project schedule (as much as possible) while maintaining your commitment to the use of the project resources you are intending to employ.

Remember that the key to doing this task efficiently lies in being able to maximize the use of project resources while having a minimally disruptive effect on your initial project schedule. As a result, it may be necessary to engage in several iterations of the resource-leveling process as you begin to shift noncritical tasks to later dates in order to maximize the use of personnel without disrupting the delivery date for the project. For simplicity's sake, you may assume that your resources for the project are committed to you at 100% of their work time. In other words, each resource is capable of working 40 hours each week on this project.

Create the resource-leveling table. Be sure to include the schedule baseline along the horizontal axis. What was your initial baseline? How did resource leveling your project affect the baseline? Is the new project completion date later? If so, by how much?

Notes

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