The Magic Project Management Triangle

Magic triangle

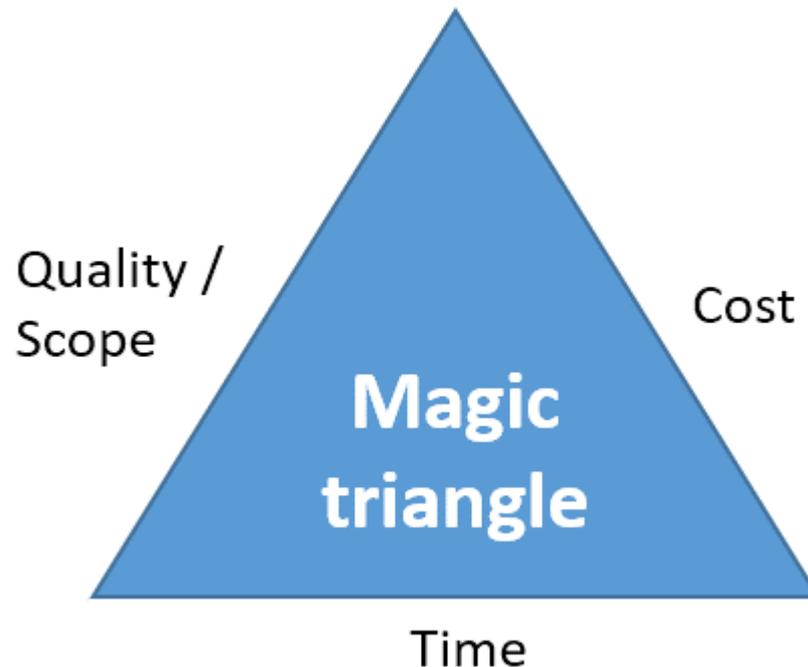## The Triple Constraint of Quality, Time and Costs

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Magic Triangle

The **magic project management triangle**, also called "*iron triangle*" or "*triple constraint*", is a model that allows you to show in a very simple way that the 3 dimensions quality, time and costs are interdependent. Changes in one constraint necessitate changes in the others to compensate. In the triangle, changes are represented by arrows. The effort needed for each constraint changes parallel to the axis.

Read our blog post to understand how to use the Magic Triangle correctly!
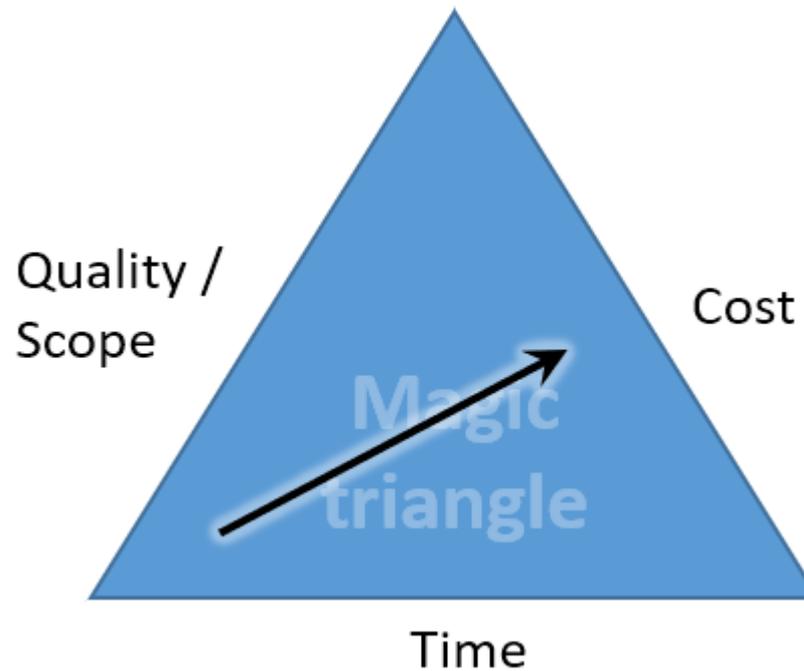
Aim 1: Increase Scope

More scope in a project can mean better quality level or a higher amount of items to be delivered, but also a wider range of service or a higher intensity of customer care to be provided during the project.

The magic triangle seams to demonstrate that time and scope are changing, but the constraint of costs seams to remain unchanged on its axis. See explanations in my blog post.
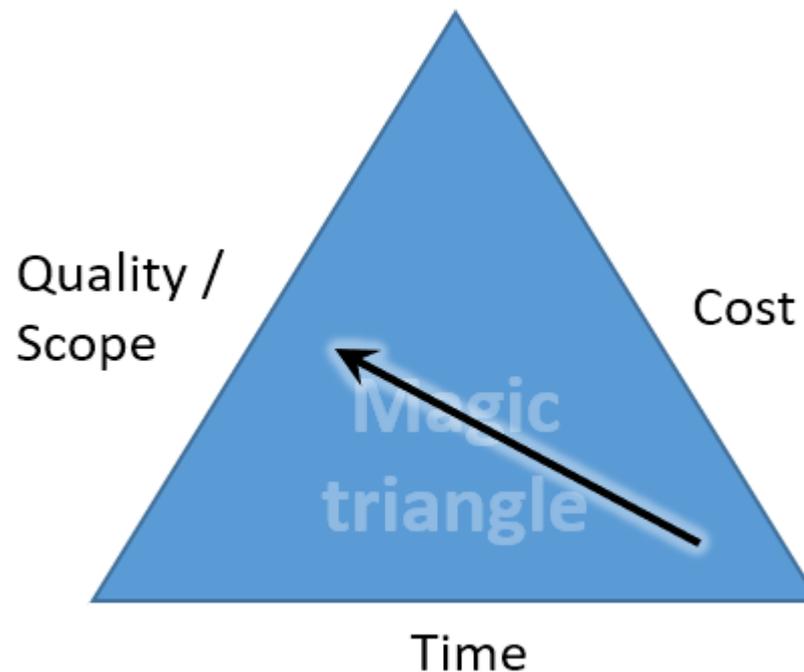
In a project there are often delays or schedules need to be modified. This example shows what happens when a project needs to speed up.

The magic triangle demonstrates that the time gets shorter, the scope remains constant and the costs increase.

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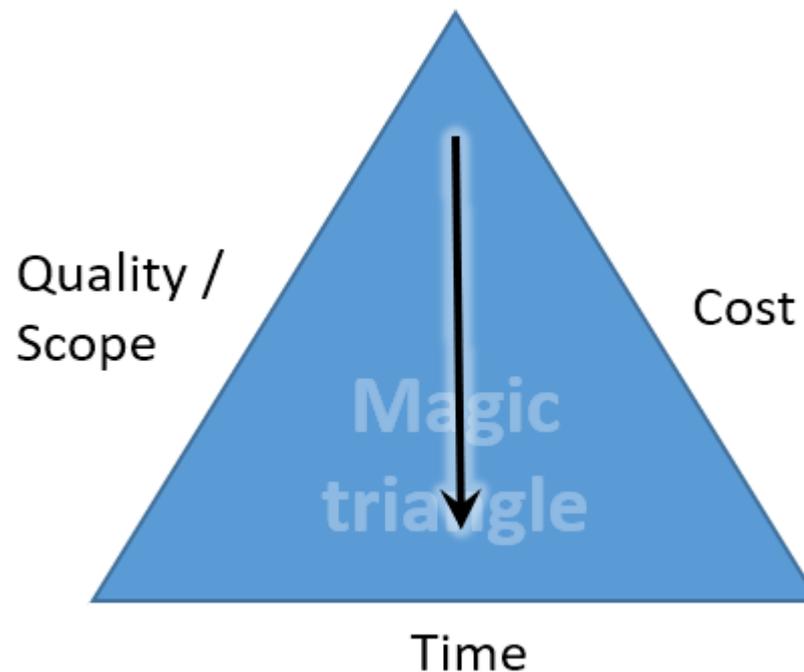
Aim 3: Reduce Costs

Sometimes in a project, the costs need to be reduced because of budget shortage.

The magic triangle demonstrates that in this case, the quality/ scope needs to be reduced as well when the project is to be terminated within the same schedule (constraint time remains constant).

Questions?

If you have questions concerning this tool or any other subject around your projects, then simply send me a message on the social networks or on our website:

https://cactus-competence.com