

An essential tool for everyone on the design team.

Dimension 3D printing can help you quickly fine tune designs and cut weeks – even months – from your development schedule. Now you can test form, fit and function and explore as many design iterations as you like – over your network, right from your desktop.

The competitive advantages of 3D printing.

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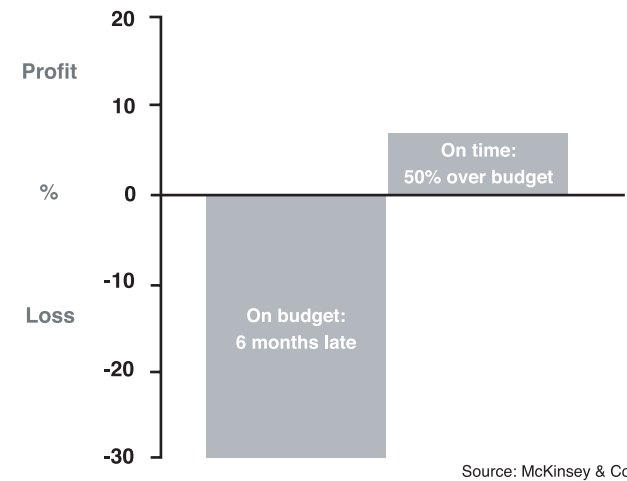
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Time: The ultimate competitive weapon.

In today's competitive marketplace, the typical life span of an electronic product can be less than six months. A recent McKinsey & Co. study suggests that if a product is late to market by six months it will have lost up to 33% of its potential gross profit over its life cycle.



Entering a market 6 months late could cost a product up to 33% of its gross profit potential.

With little time for error, there is increasing pressure on companies to quickly "get there first" in order to assure success. This puts an increasing amount of pressure on the design process to be highly collaborative, efficient and fast.

Most critical product design and specification decisions are made during the first 10% of the design cycle or at the conceptual stage.

These decisions can affect almost 80% of the product's total cost by establishing material selection, manufacturing techniques, and longevity of the design. It's extremely important to make the correct decisions by evaluating different or multiple design concepts during these beginning stages.

3D printing enables management, engineering design teams, manufacturing, field service, marketing, purchasing, and vendors to offer firsthand input based on durable, functional ABS parts that can be produced quickly and efficiently.

The ideal tool for concurrent engineering.

Just as concurrent engineering involves more people throughout an organization in the design and development process, 3D printing enables all those participants to view numerous design iterations and offer firsthand input based on accurate, durable, functional ABS parts.



3D printing can help to trim days, weeks and months off the typical product design and development cycle.

3D printing allows designers and developers to go from flat screen to exact part. Within a concurrent engineering process, 3D printing enables participants to make better informed design decisions throughout a faster product development cycle time, resulting in reduced costs and fewer engineering changes.

More design iterations faster.

3D printing provides a highly cost-efficient means of producing numerous design iterations and immediate feedback throughout the critical beginning stages of the development process. The ability to quickly refine form, fit and function can significantly affect production costs and time to market. This can create a distinct competitive advantage for those companies who include 3D printing as an integral part of their design process.

