

# Clothes/Textile – 3D Printing

GEN TRIZ Case Study

# Technology Forecast: 3D Printing of Clothes

<http://www.3ders.org/articles/20130315-making-clothes-at-home-with-your-3d-clothing-printer.html>



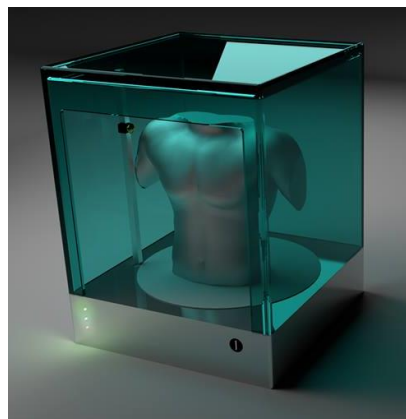
Tomorrow



The ability to create customized objects, such as 3D printing, is increasing in sophistication and marketability. People are becoming more and more aware and comfortable with the concept of printing objects for immediate use. To print a piece of clothing, you would first shop from an online marketplace of designs and download the outfit of your selection. In addition you need to buy a cartridge of thread, from a company or a designer. Then you can just print it out on your own 3D printer. The most interesting feature is, when you want something new, you just feed the clothes back into the machine. Clothing can be loaded back where it is broken down into thread and cleaned. The thread is returned to its cartridge for future use, cutting out the whole shipping and distributing costs and waste.

<http://3dprinting.com/news/3d-printer-can-print-clothes/>

Today



The company is now working on a system to produce clothes made of more complicated shapes from fibers that look like cotton. That however is very difficult and the company therefore experiments with composites of synthetic and organic materials. The pictured shirts in this article are most probably printed using such materials. *A 3D clothes printer could enable anyone to print out clothes at their own living room, therefore not having the need to go to a shop anymore.*