

# BE3D™ EMPLOYEE PERK CASE STUDY

**ENCOURAGE EMPLOYEE  
CREATIVITY WITH 3D  
PRINTING**



## 3D PRINTING AS AN EMPLOYEE PERK

When employees can stretch their creative minds by working on fun, personal projects, it can spark creativity in work-related areas too. As an employee perk, 3D printing can be an attractive offering that allows employees to learn new technology and improve their overall satisfaction with their workplace.

**YSOFT®**

## DESIGN AT HOME, PRINT AT WORK

Many YSofters with young children are able to connect with their children through the use of 3D printers. Petr and his six-year old son are a good example. While in kindergarten, his son enjoyed playing with a toy car garage, but the school did not have a small car to park in the garage. Together they used SolidWorks for Kids to design a small, model car. Petr brought the design file to work and with a few easy steps in DeeControl, eDee's layering software, he was able to print it on one of the eDee printers in the office. A few hours later, he had a car for his son to use with the model garage.

As any parent knows, pieces of a toy set get lost or break. This was the case for Roman, whose son liked to play with toy trains. Roman was able to design replacement rails and the toy set is now usable again.



“When I saw that my son, Fanda, didn’t have a small car to play with at kindergarten, it immediately came to my mind that we could print it on eDee. I wanted to involve him in designing it. He enjoyed it a lot and now he is proud that he has his very own car,” said Petr.

– **Petr Šťastný**  
Senior Product Manager, Y Soft

## CUSTOM PARTS AND HOBBIES

Rafael can be found on the ski slopes snowboarding during his free time. Taking photos and videos of his adventures allows him to show his friends and family what he is up to. He was able to create a custom swivel GoPro camera mount for his helmet.

Vendy is a Harry Potter® fan and James is into Star Wars® models and figurines. Vendy's first project was Dobby the Elf. James' love for Star Wars comes from a long history of building with Lego® block sets. James also built an Apollo rocket which stands over 2 feet.



“I’m a big Harry Potter fan. When I saw that you can print out Dobby on a 3D printer, you could bet I was going to do it,” said Vendy. “It is made from 5 pieces and is now very popular in the office.”

– **Vendula Somerauerová**  
Office Assistant, Y Soft



“It comes from the kid inside me,” James said. “I’m able to show off. It’s unique, not everyone has a 3D printer and I like to share it on FaceBook, it really sparks comments from my friends.”

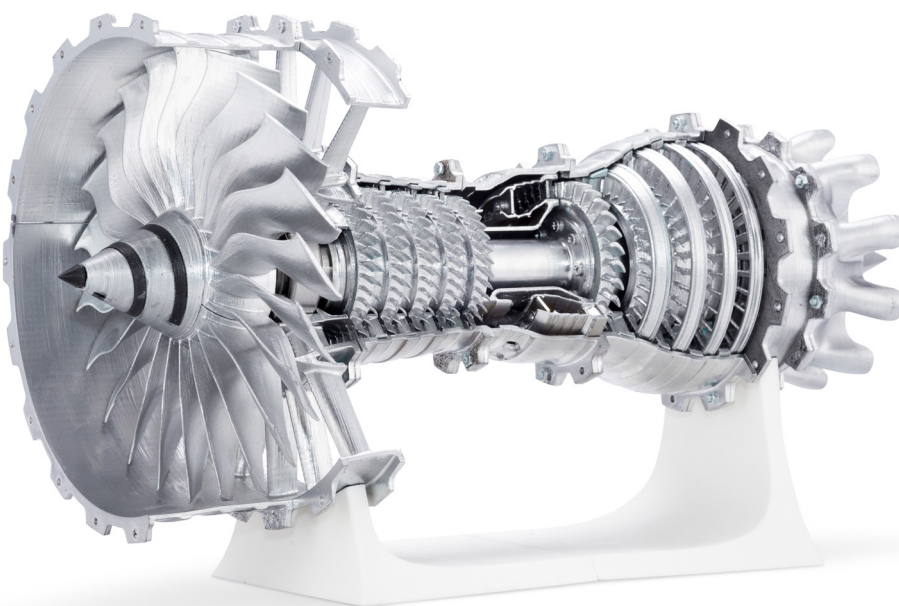
– **James Fitzpatrick**

Sales Communication  
Specialist, Y Soft

## FILLING A VOID

Most schools today no longer have elective courses such as woodworking, metal shop and other creative, vocational classes – classes where children can use their hands and tools to create something of their own design. In a sense, 3D printing brings back this concept and fills a void. With 3D printing, once the model is designed and printed, simple tools can be used to clean, polish or paint the model.

That is what Viktor realized as he created his own designs. Viktor, who is in sales, often prints models to show the capabilities of YSoft be3D eDee but says that showing people 3D models could be used by anyone needing to explain a concept. He sees it in the eyes of his customers when he shows them simple models, like cookie cutters, or more complex models like a jet engine.



“The jet engine was interesting to me because it consisted of 47 pieces. I applied spray paint to give it an authentic look.”

– **Viktor Fric**

Regional Sales Manager -  
Nordics, Y Soft



## BY THE NUMBERS -- AN INEXPENSIVE WAY TO EXCITE EMPLOYEES

Globally, Y Soft has more than 350 employees with eDee printers in six of its 15 offices. In a one-year period, more than 180 employees printed over 4,000 3D models. Some interesting statistics from YSofter 3D printing use:

- 22 – the average number of models printed per employee/year; an average of 2 models per employee/month
- 8 hours – the average number of 3D printing hours per employee/month
- \$5.00 – the average cost per printed 3D model; \$65 on average per employee/month

Because eDee has a pay-to-print feature, employers can assign a 'virtual credit' to each employee with the option of passing the costs on to employees if they have gone over the given credit limit. eDee's reporting lets employers track usage by employee and by each printer as well as the amount of filament used by users and by each printer.



## NO FORMAL TRAINING NEEDED – EASY TO USE

It is to be expected that technically minded employees take easily to 3D printing. However, from receptionist to marketing, YSofters from many various departments were able to successfully create models with no formal training. YSofters use their ID badge to access the printer and retrieve their finished 3D prints.

3D printing contributes to employee satisfaction. While each company's costs may be different based on the amount of printing, when compared to other employee perks available – it is a unique perk to offer employees and provide better employer branding.

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