

# YSOFT BE3D EDEE® 3D PRINT MANAGEMENT SOLUTION

## BENEFITS

- Easily manage 3D printing material costs. Optional pay-for-print system provides an easy to use cost recovery method
- Unique school controlled authentication feature ensures students have authorized, direct access to 3D printers and prevents theft of 3D models from the printer
- Print Roaming™ enables use of any available YSoft be3D eDee® printer on the campus network
- Print management features are easily extendable to manage costs and access for 2D paper printers

## WHY 3D PRINT MANAGEMENT?

### Manage costs

3D printing in education offers students a modern, hands-on learning experience leading to better comprehension and retention, while giving them valuable career skills. However, research shows that nearly 90 per cent of schools with 3D printers restrict student use due to the inability to manage costs.

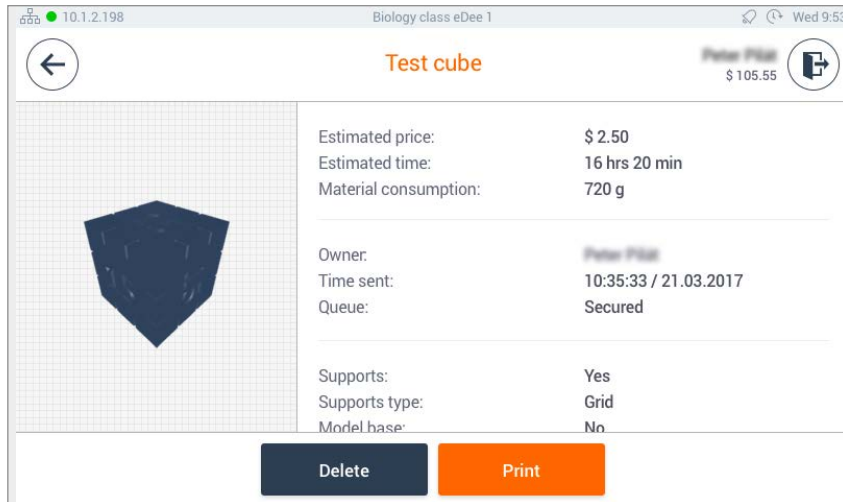
With the YSoft be3D eDee print management solution, managing costs is now possible. With the integrated YSoft SafeQ print management software and reporting features, schools can understand and manage the ongoing cost of 3D printing materials, called filaments. Reports reflect users, materials consumed and which printers are utilized and when. Schools can optionally use pay-for-print services to accurately recover costs.

### Manage access with user authentication

Unique to YSoft be3D eDee is authentication. Authentication allows schools to assign access credentials to students (and faculty) with a username/password, a PIN, a student ID card or a combination of these methods. Students can access 3D printers as needed and 3D prints can be collected only by their rightful owner preventing unauthorized taking of 3D objects.

## PRINT ROAMING™ – A UNIQUE AND CRITICAL FEATURE FOR SCHOOL CAMPUSES

Unlike 2D printing, 3D printing can take hours. Students need to be able to use any available eDee printer on campus or one that has the color filament they desire. With Print Roaming, students send their job to YSoft SafeQ and can "roam" to any available printer to print knowing that the filament and print process is optimized for their design.



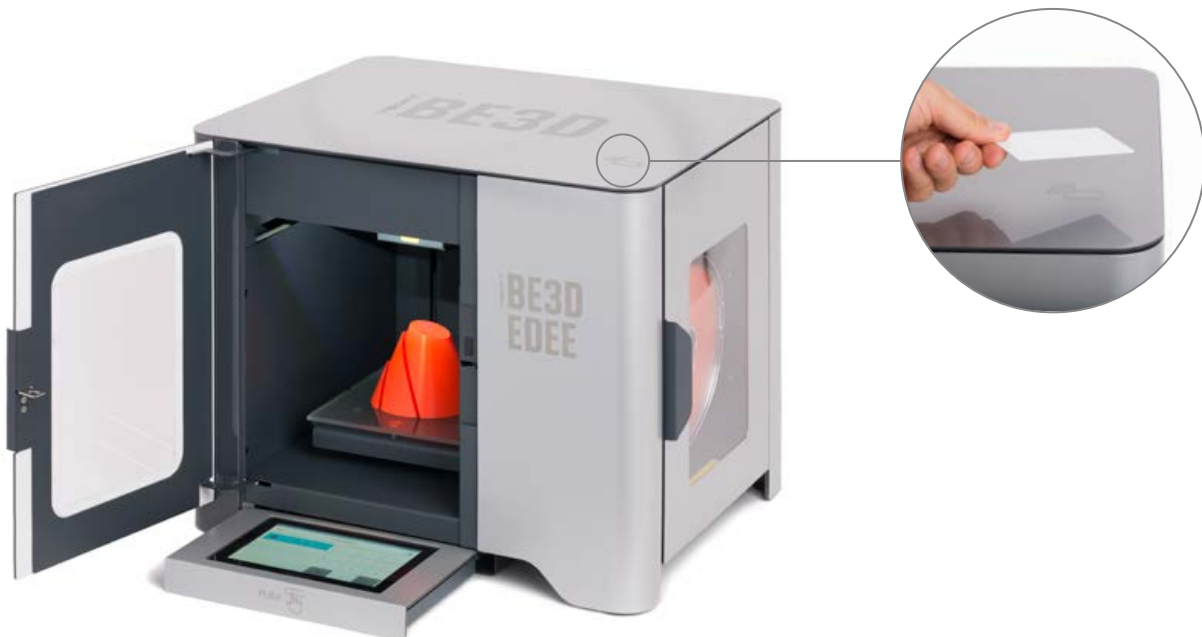
Students can see the amount of material and an estimated print time for their design.

### Filaments

The eDee printer uses PLA (polylactic acid) filaments, an odorless and non-toxic, bio-degradable biopolymer. PLA spools, certified for the eDee printer, are available from Y Soft resellers. Filament properties (such as the melting temperature) can vary by color and brand. Y Soft certifies filaments that are optimal and safe for eDee. And, with Print Roaming where students can use any eDee printer, a Y Soft certified filament ensures that the model is produced with the highest print quality and without costly damage to the printing nozzle.

## SAFE AND EASY TO USE

The eDee printer is enclosed and doors lock during the printing process which keeps hands away from moving parts and the high temperature needed to melt the filament. For school administrators, full control is possible from managing access rights and reports to overseeing the entire 3D fleet status, its care and utilization. Administrators can receive email alerts when filaments need replacement or when maintenance is needed.



YSoft be3D eDee 3D printer with retractable user panel for easy student authentication, shown with optional card reader access. Print area is 150 × 150 × 150 mm (approximately 6 × 6 × 6 inches). See [www.ysoft.com/eDee](http://www.ysoft.com/eDee) for full printer specifications.

## A COMPREHENSIVE 3D PRINT MANAGEMENT SOLUTION

The YSoft be3D eDee print management solution has built-in print management features that make your investment in 3D printing sustainable and cost effective. Compared to stand-alone 3D printers, YSoft be3D eDee enables students to access 3D printing directly while allowing schools to manage their costs and usage.

Features	Stand-alone 3D Printer	YSoft be3D eDee Print Management Solution
Ability to manage secure access to the printer for students and faculty	No	Yes
Door locks during printing for safety and to secure the finished 3D project	No	Yes
Network enabled	No	Yes
Built-in pay-for-print system, with an optional payment machine	No	Yes
Fact-based reporting on 3D printer usage	No	Yes
Comprehensive administrative control	No	Yes
Extendable print management features for 2D (paper) fleet	No	Yes

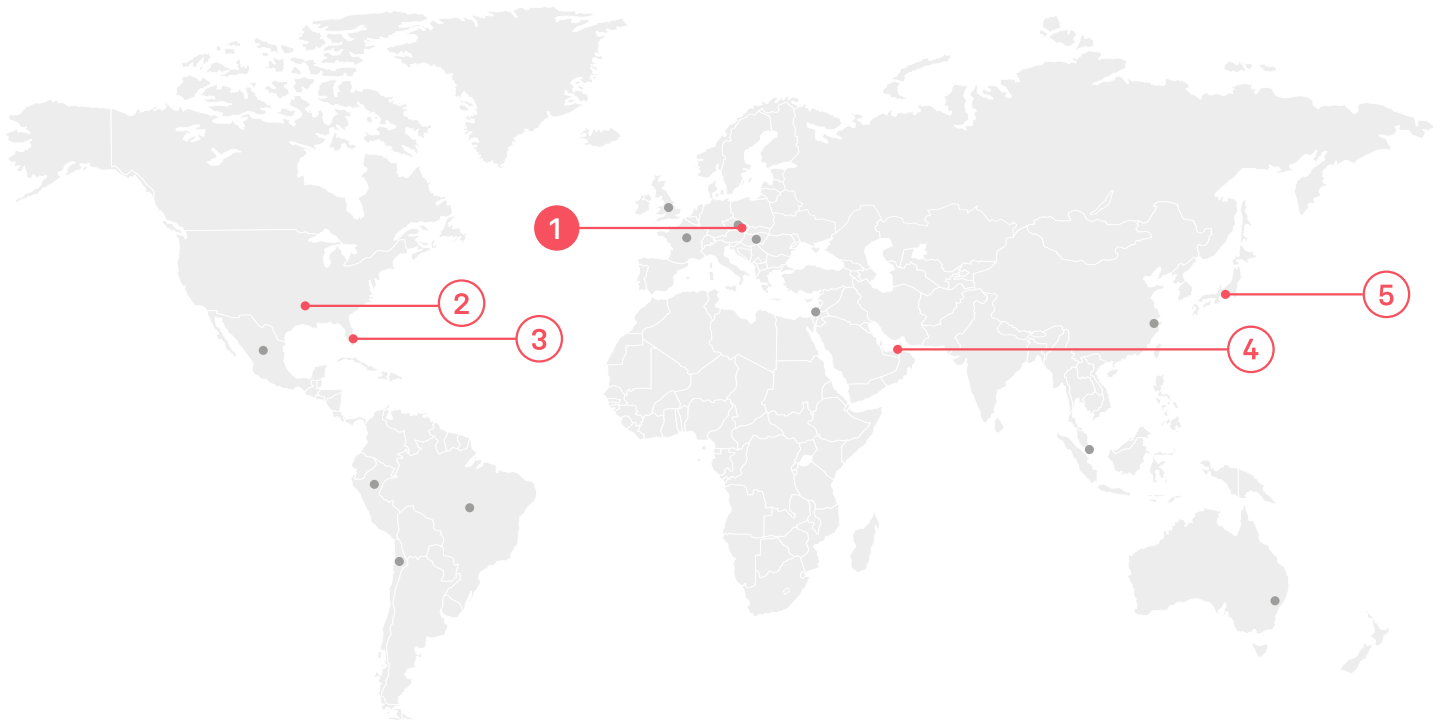
## EXTEND PRINT MANAGEMENT BENEFITS TO YOUR EXISTING PAPER PRINTER FLEET

Your investment in Y Soft solutions can easily extend even further than 3D printing. YSoft be3D eDee uses the YSoft SafeQ platform for its unique print management features. YSoft SafeQ, used globally in schools for over fifteen years, has modules specific for paper printing to help schools reduce print costs, increase document security and improve productivity. Schools looking to efficiently manage both 2D and 3D printers can use YSoft SafeQ software across any popular brand of multifunction printers and 3D printers from Y Soft. Student Authentication, Print Roaming, Reporting and optional pay-for-print features work seamlessly on 2D and 3D printers.

### YSoft be3D eDee print management solution includes (options noted are additional):

- Enclosed, desktop 3D printer including:
  - Retractable UI panel, with large, convenient touch screen display
  - Optional built-in student/faculty ID card reader
- DeeControl desktop layering software
- YSoft SafeQ software license or subscription service including:
  - Authentication
  - Print Roaming
  - Reporting
  - Pay-for-print system for creating and managing virtual and real accounts
- Sample filament spool (white, 750g)
- Accessory kit
- Optional YSoft Payment Machine used with the pay-for-print feature

# LOCATIONS



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For a complete list of more than sixteen countries and locations, please visit our website.



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