



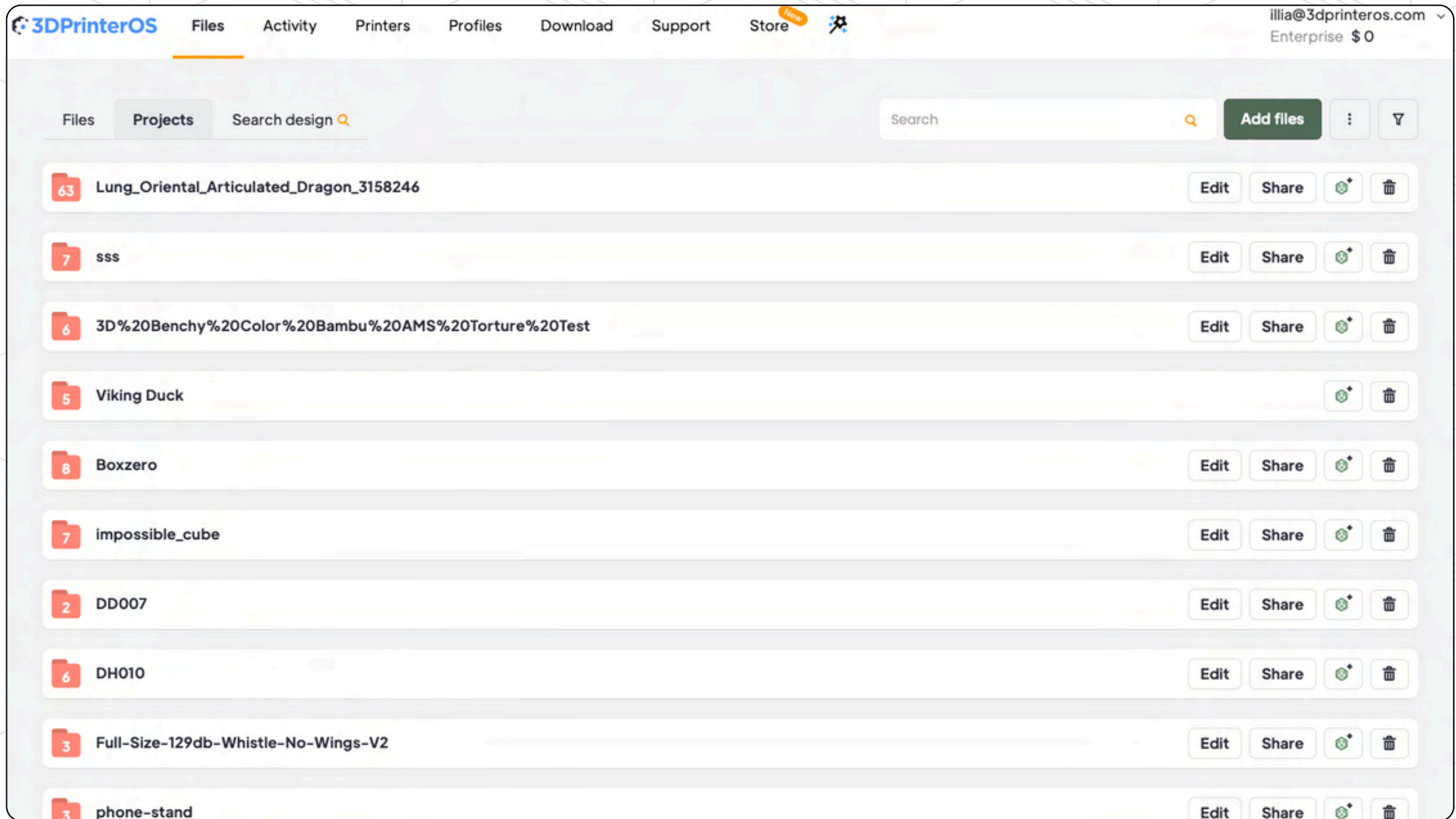
# 3DPrinterOS

Feature List

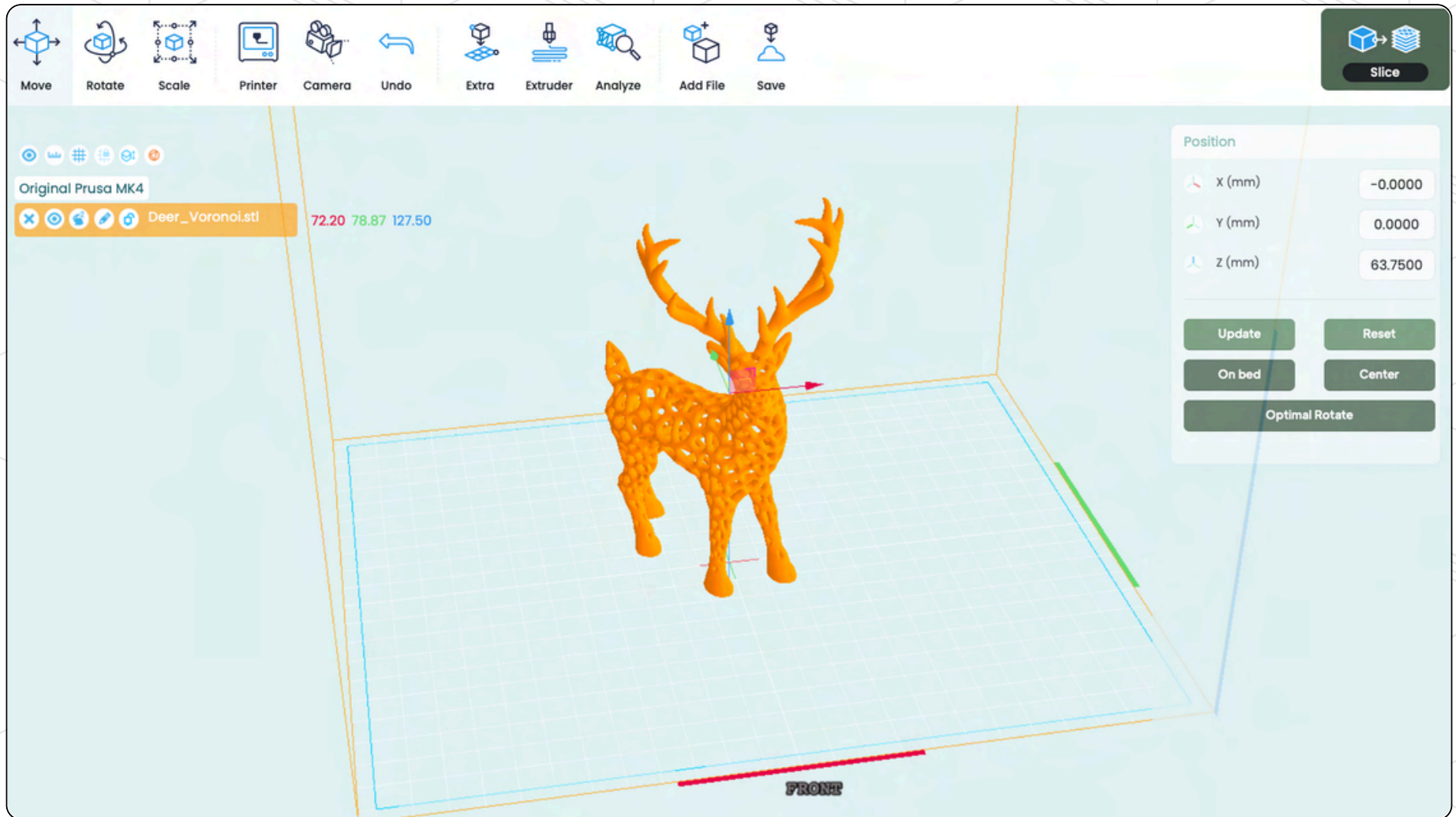
October 2024

# File Management

File management in 3DPrinterOS allows users to easily upload, organize, and access their 3D print files.



# STL, OBJ, and Bambu Lab 3MF (with G-code) Visualization



# Bambu Slicer

**Simple** Expert Price **Bambu Slicer**

Slicer settings for [Viking Duck.stl](#) [Save these settings as a slicing profile...](#)

Printer type	Slicing profile	Nozzle (mm)	Process	Filament
Bambu Lab P1S	Default	0.2	0.06mm Standard	Bambu PLA Basic

Layer thickness (mm)	0.01 longer	0.6 faster
0.06		

Wall Loops	1 weaker	8 stronger
4		

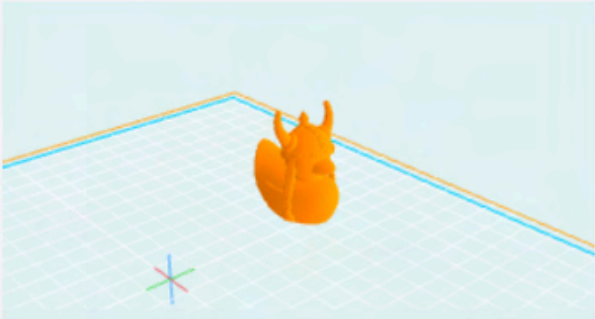
Infill Density (%)	1 weaker	99 stronger
15		

Plate Type	Plate(°C)	Extruder(°C)
Textured PEI Plate	55	220

Brim Type	Support Type
Auto	None

# Slicer for Prusa

**Simple** Expert Price Slicer for Prusa

Slicer settings for [Viking Duck.stl](#)

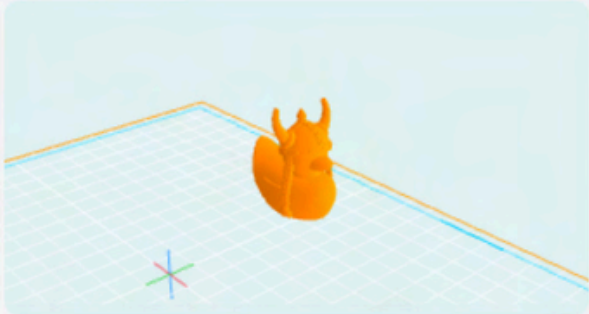
Printer family: Original Prusa MK4 | Printer model: Original Prusa MK4 | Slicing profile: [ ]

Nozzle (mm): 0.25 | Print: 0.12mm QUALITY | Filament: 3D-Fuel Buzzed

Layer thickness (mm): 0.12 | 0.01 longer | 0.6 faster

Perimeters: 3 | 1 weaker | 8 stronger

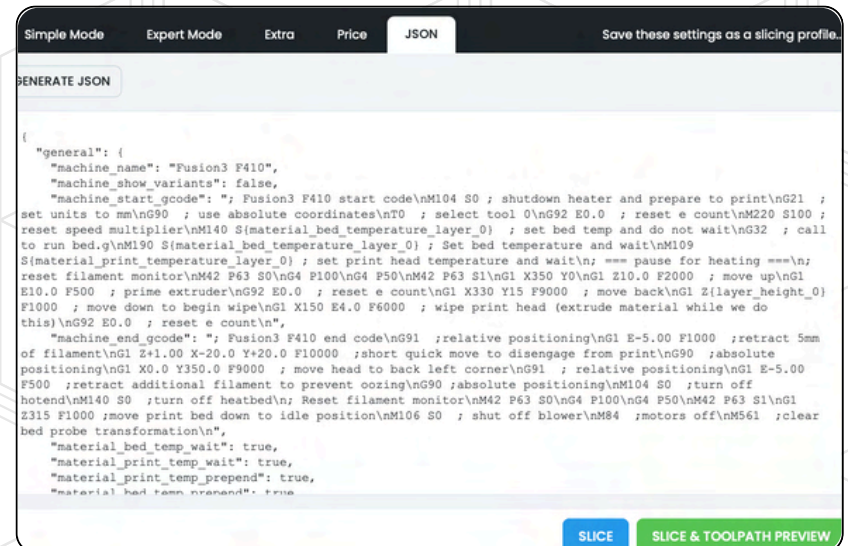
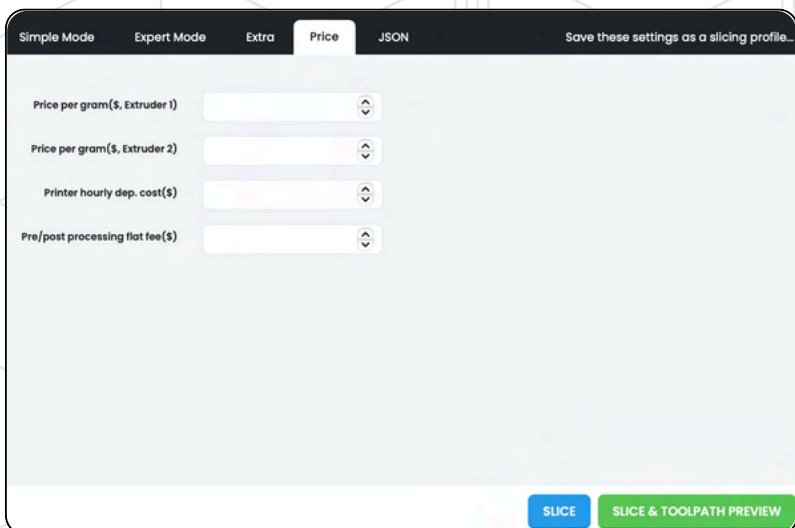
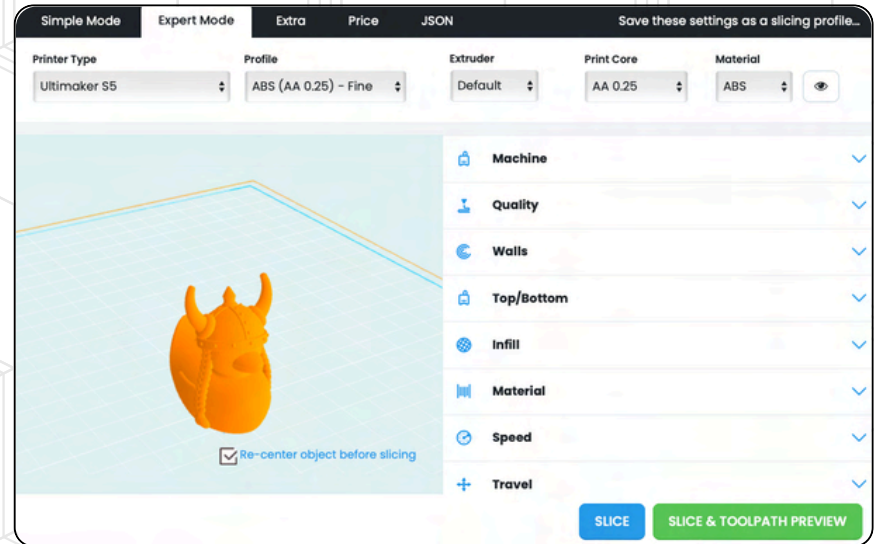
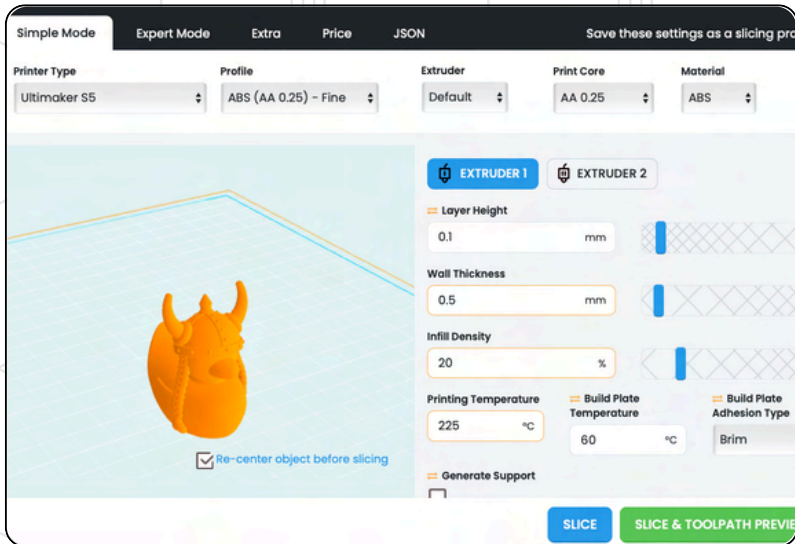
Infill Density (%): 20 | 1 weaker | 99 stronger



Brim Type: Inner brim on | Brim Width: 1 | Skirt Loops: 0 | Distance from brim/object: 2 | Bed(°C): 60 | Extruder(°C): 195

Support Type: Grid |  On build plate only

# Slicer 5 (Cura)



# Makerbot Slicer

Makerbot Slicer

Simple Advanced Expert Price

Slicer settings for **Viking Duck.stl** [Save these settings as a slicing profile...](#)

Select printer type: **MakerBot 5th Mini** | Select slicing profile: **Standard**

Layer thickness (mm): **0.2** (0.1 longer | 0.3 faster)

Number of shells: **2** (1 weaker | 50 stronger)

Infill Density: **0.1** (0.0 weaker | 1.0 stronger)

Table(°C):  | Extruder(°C): **215**

Rafts  Supports

Makerbot Slicer

Simple Advanced Expert Price

Slicer settings for **Viking Duck.stl** [Save these settings as a slicing profile...](#)

Select printer type: **MakerBot 5th Mini** | Select slicing profile: **Standard**

Speed: Traveling Speed XY(mm/sec) **150**, Traveling Speed Z(mm/sec) **23**

Material: Size(mm) **1.77**, Nozzle diameter(mm) **0.4**

Raft & supports: Supports , Rafts

Quality: Layer thickness(mm) **0.2**, Number of shells **2**, Roof Thickness (mm) **0.8**, Floor Thickness (mm) **0.8**, Infill Density **0.1**

Temperature & cooling: Extruder(°C) **215**, Heated bed(°C) , Fan default speed (0-1) **0.5**, Fan layer # **1**, Minimal Layer Time(sec) **5**, Cooling fan

Makerbot Slicer

Simple Advanced Expert Price

Slicer settings for **Viking Duck.stl** [Save these settings as a slicing profile...](#)

Select printer type: **MakerBot 5th Mini** | Select slicing profile: **Standard**

JSON:

```
{
  "_attached_extruders": [
    "mk12"
  ],
  "_bot": "mini_4",
  "_extruders": [
    0
  ],
  "_materials": [
    "pla",
    "pla"
  ],
}
```

Makerbot Slicer

Simple Advanced Expert Price

Slicer settings for **Viking Duck.stl** [Save these settings as a slicing profile...](#)

Select printer type: **MakerBot 5th Mini** | Select slicing profile: **Standard**

Price per gram(\$)

Printer hourly dep. cost(\$)

Pre/post processing flat fee(\$)

Extruder 1:

Material density(g/cm3)  The density of the material is necessary to determine the exact weight of the model and calculate material cost

# Formlabs Slicer

FormLabs Slicer

Simple Expert **Price**

Slicer settings for Study Duck.stl [Save these settings as a slicing profile...](#)

Select FormLabs printer  
Fuse 1+ : ProbableSwift

Select slicing profile  
Nylon 11

Price per gram(\$) 0.04

Printer hourly dep. cost(\$) 3

Pre/post processing flat fee(\$) 5

Material density(g/cm3) 1.07 (Tough 1500) The density of the material is necessary to determine the exact weight of the model and calculate material cost

Back Slice Slice & Queue

FormLabs Slicer

Simple Expert **Price**

Slicer settings for Study Duck.stl [Save these settings as a slicing profile...](#)

Select FormLabs printer  
Fuse 1+ : ProbableSwift

Select slicing profile  
Nylon 11

JSON:

```
{  "material": "FLP11B01",  "thickness": 110,  "thickness_list": [    110  ],  "printer_id": "109261",  "printer_type_id": "327",  "printer_template_id": "23222",  "centered": true}
```

Back Slice Slice & Queue

FormLabs Slicer

Simple Expert **Price**

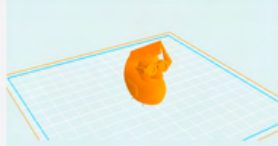
Slicer settings for Study Duck.stl [Save these settings as a slicing profile...](#)

Select FormLabs printer  
Fuse 1+ : ProbableSwift

Select slicing profile  
Nylon 11

Material FLP11B01

Thickness 110



Back Slice Slice & Queue



# Toolpath Viewer

The screenshot displays the Toolpath Viewer interface for a file named "Viking Duck.gcode". The top navigation bar includes icons for Camera, View layers, Info, and Slice Info, along with a Print button. Below the navigation bar, the printer information is shown: "Original Prusa i3 MK3(S/S+)", "Filament: 6.66 g", and "Estimated print time: 00:23:48".

The main view area shows a 3D model of a duck-shaped object with various colored layers and toolpaths. A "Color Legend" is visible on the left side of the view area, listing the following categories:

- Shell (Yellow)
- Inner Wall (Blue)
- Top/Bottom Skin (Green)
- Infill (Red)
- Service Parts (Pink)
- Unknown (Purple)
- Inactive Extruder (Grey)

On the right side of the view area, there are controls for "Layers" (112), "Range" (0 to 112), and "Height : 25mm". A slider is positioned at 63. Below the slider, there are input fields for "0" and "63". There are also several toggle switches for "Show Extrusion", "Show Infill", "Show Service Parts", "Show Motion", "Color Scheme: Print Types", and "First Extruder". At the bottom right, there is an "Animation" section with play, pause, and stop buttons.

# Remote Printer Monitoring and Queue Administration

Allows monitoring printers remotely with live updates and camera views. Queue administration helps organize and prioritize multiple print jobs efficiently, ensuring smooth workflow and reduced downtime.

The screenshot displays a remote printer monitoring interface with three printer instances:

- Lilly A-5 (0x0030d6262395L):**
  - Printer: **US3-1** (Ultimaker S3)
  - Job: **220.62g - Tough\_PLA - 0.4mm**
  - Temperatures: Extruder 2: 42.4 °C, Extruder 1: 207 °C, Heated bed: 55 °C
  - Printing: 34%
  - Queue: 0 jobs - 05:59h
  - Sort by: oldest first
  - Jobs in queue:
    - boudhanath-stup...4466628** (gcode): 09:03h, 3h ago by admin@3dprinteros.com, 132.38g
    - 202406015\_NoCor...4442042** (gcode): 02:15h, 3d ago by admin@3dprinteros.com, 23.13g
    - modern-hexagon** (gcode): 12:21h, 2d ago by admin@3dprinteros.com, 184.26g
    - Flower\_pot\_3** (gcode): 10:36h, 1d ago by admin@3dprinteros.com, 178.20g
- Lilly B-1 (0x0030d62627f9L):**
  - Printer: **US3-2** (Ultimaker S3)
  - Job: **850g - PLA - 0.4mm**
  - Temperatures: Extruder 2: 39.7 °C, Extruder 1: 210.7 °C, Heated bed: 55 °C
  - Printing: 46%
  - Queue: 0 jobs - 03:58h
  - Sort by: oldest first
  - Jobs in queue:
    - Oc15MFDivePulley\_4466898** (gcode): 07:20h, 3h ago by admin@3dprinteros.com, 106.63g
    - even wider3 fun...4466214** (gcode): 00:35h, 3d ago by admin@3dprinteros.com, 4.37g
- Lilly B-4 (0x0030d6262624L):**
  - Printer: **US3-3** (Ultimaker S3)
  - Job: **269.57g - PLA**
  - Temperatures: Extruder 2: 43.4 °C, Extruder 1: 209.5 °C, Heated bed: 55 °C

# Billing

Simple Mode Expert Mode Extra **Price** JSON Save these settings as a slicing profile...

Price per gram(\$) 0.03



















Printer hourly dep. cost(\$) 2.5

Pre/post processing flat fee(\$) 4

SLICE SLICE & TOOLPATH PREVIEW

Dremel 001 Dremel 3D45 Idea Builder PLA Extruder 1 30 °C Heated bed 25 °C Build Tray is clear

Queue: 7 jobs - 24:19h Sort by: oldest first










 Support_Print_N...5164802 gcode	12:17h	4d ago by student@3dprinteros.com	\$14.50	209.05g	 Start 
 1tiara fixed_15...5151797 gcode	01:43h	4d ago by student@3dprinteros.com	\$2.34	37.11g	 Start 
 2tiara fixed_15...5151850 gcode	01:43h	4d ago by student@3dprinteros.com	\$2.36	37.47g	 Start 
 Spiral_vase_V2_15172923 gcode	03:47h	2d ago by student@3dprinteros.com	\$4.33	61.15g	 Start 
 IronGolemPrintR...5146788 gcode	03:10h	2d ago by student@3dprinteros.com	\$3.79	55.40g	 Start 
 speed_reader_15180672 gcode	01:34h	21h ago by student@3dprinteros.com	\$2.37	39.65g	 Start 

# Organization Activity

Me Printers **Organization** Statistics World

Select date range Search by Printer, user, job

<b>146.7</b> Hours Printed	<b>24</b> Prints	<b>0</b> Printing	<b>0</b> In queue	<b>18</b> Errors	<b>0.47</b> Materials used (kg)
-------------------------------	---------------------	----------------------	----------------------	---------------------	------------------------------------

 <b>Viking Duck</b> gcode PRUSA_I3_MK3	00:01h	6.66g	1mo. ago by me	i3	⋮
 <b>Viking Duck</b> gcode PRUSA_I3_MK3	00:01h	6.66g	1mo. ago by me	i3	⋮
 <b>sss_14765844_stlmagicfix</b> stl DREMEL3D45	72:01h		2mo. ago by me	3d45	⋮
 <b>sss_14765844_stlmagicfix</b> stl DREMEL3D45	00:01h		2mo. ago by me	3d45	⋮
 <b>Viking Duck</b> gcode US3	00:01h	7.44g	4mo. ago by me	Ruby A-3	⋮
 <b>Viking Duck</b> stl STRATASYSF170	00:01h		5mo. ago by me	Stratasys	⋮
 <b>Sporty Duck</b> gcode PRUSA_MK4	00:09h	1.51g	5mo. ago by me	Undefined printer name	⋮
 <b>Sporty Duck</b> gcode PRUSA_MK4	00:01h	0.00g	5mo. ago by me	Undefined printer name	⋮
 <b>Sporty Duck</b> gcode PRUSA_MK4	00:01h	0.00g	5mo. ago by me	Undefined printer name	⋮

# World Statistics

Me Printers Organization Statistics **World**

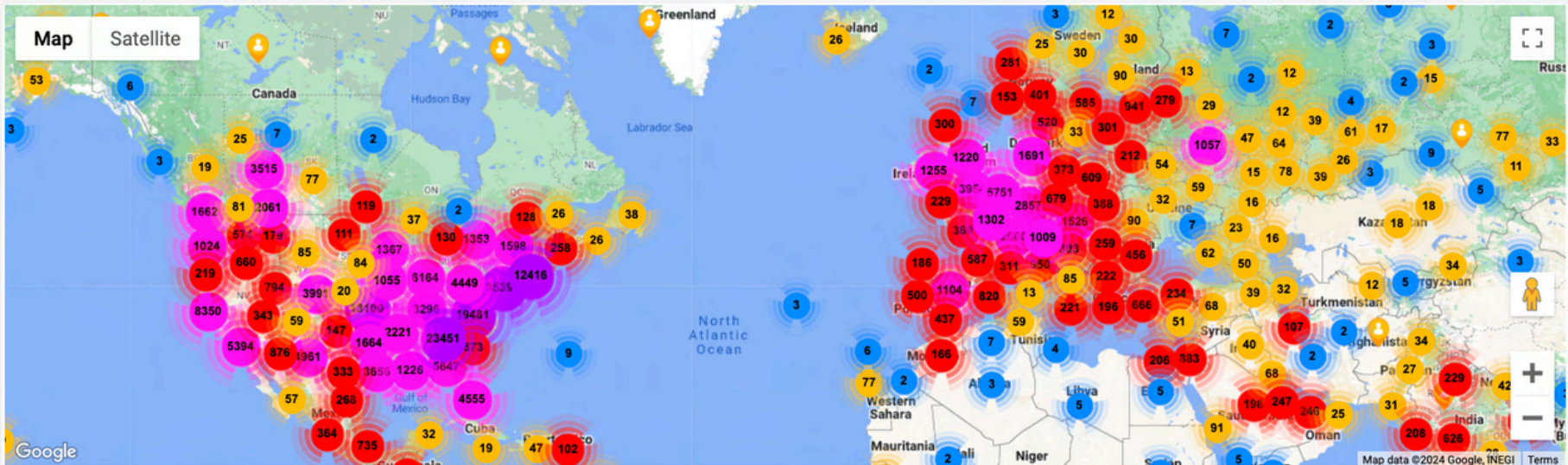
**1614y 3m 24d**  
Total Printing Time

**4410530**  
Prints

**81362**  
Printers

**150964.2**  
Materials used (kg)

Accumulation map Heat Map



September 2024 TOP 10 Ranked users

User	Hours Printed
1 -undisclosed-	1718d 8h 17m
2 Jerrod B.	294d 3h 22m

October 2024 TOP 10 Ranked users

User	Hours Printed
1 -undisclosed-	1639d 21h 24m
2 Jerrod B.	265d 4h 41m

TOP 10 Ranked users

User	Hours Printed
1 Catz Design F.	8358d 9h 14m
2 -undisclosed-	801d 6h 46m

TOP 10 Ranked printers

Printer Type	Hours Printed
1 Dremel 3D45 Idea Builder	8584d 13h 2m
2 Ultimaker 2(+)	37486d 3h 31m

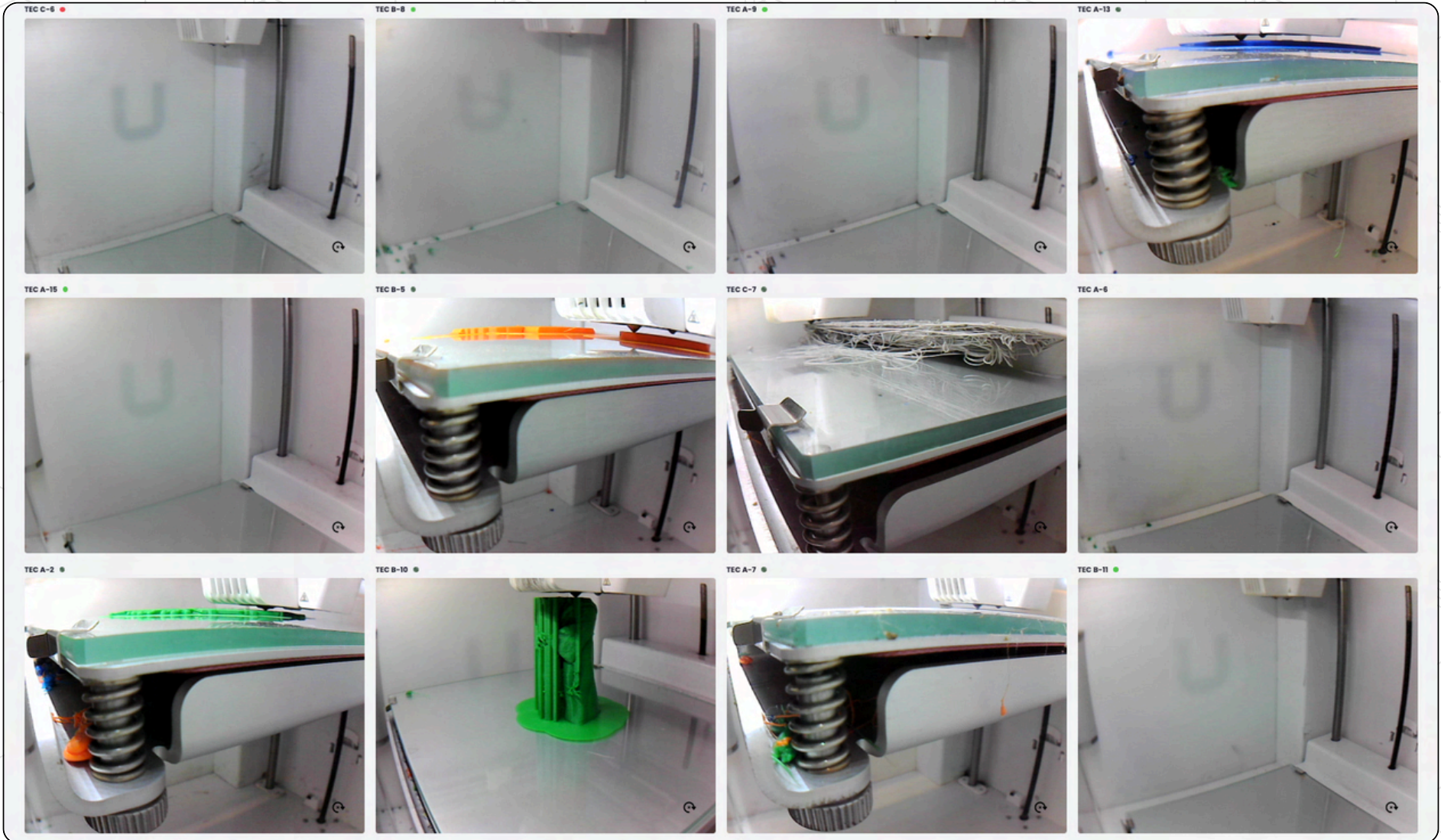
# Printer Settings

The printer settings enable users to monitor filament levels, configure print fail detection notifications, manage camera views for print monitoring, and access advanced options like print queues, maintenance and printer location.

The screenshot displays the printer settings interface with the following sections and options:

- Announcement:** A text input field with the placeholder "Message to display on the status line".
- Filament tracking:** A toggle switch that is turned on.
- Filament Selection:** Two rows of settings. The first row shows "Tough PLA" selected, with "Left" filament at 220.62 g and a "Nozzle" size of 0.4 mm. The second row shows "Select filament material" selected, with "Left" filament at 0 g and a "Nozzle" size of 0 mm.
- Display title:** Two dropdown menus. The first is set to "U3" and the second is set to "Ultimaker S3".
- Active:** A toggle switch that is turned on.
- Notification Toggles:** A list of toggle switches for "Enable queue", "Enable Maintenance", "Enable clear bed notification/button" (with a printer icon), "Start next job button", "Enable verbose mode" (with an info icon), and "Enable cost deduction from Balance" (with an info icon).
- Print Fail Detector notifications:** A dropdown menu set to "Default Notifications (Organization Settings)".
- Camera:** A toggle switch that is turned on. Below it are radio buttons for "Dual" (selected), "PI", and "Multi".
- Camera 1:** Radio buttons for "Camera 1" (selected) and "No Camera".
- Camera View:** Two side-by-side camera viewports. The left one shows a close-up of the printer's nozzle and bed, while the right one is a solid black rectangle.
- Reset module:** A button located below the camera viewports.
- Delete:** A section at the bottom with a "Delete" label, a text input field containing "Your email", and a "Delete this Printer" button.









# Live View Wall



# CAD Plugins

Directly print from the best CAD softwares

▼ CAD INTEGRATIONS

 <p><b>Siemens SolidEdge plugin</b> Windows 7, 8, 8.1, 10</p> <p>Download Installer</p>	 <p><b>Dassault Systemes SolidWorks plugin</b> Windows 7, 8, 8.1, 10</p> <p>Download Installer</p>	 <p><b>Autodesk Fusion 360 plugin</b> Windows 7, 8, 8.1, 10</p> <p>Download Installer</p>	 <p><b>Autodesk Inventor 2017</b> Windows 7, 8, 8.1, 10</p> <p>Download Installer</p>
 <p><b>Rhinoceros</b> Windows 7, 8, 8.1, 10</p> <p>Download Installer</p>	 <p><b>ANSYS SpaceClaim</b> Windows 7, 8, 8.1, 10</p> <p>Download Installer</p>	 <p><b>Dassault Systemes' CATIA</b> Windows 7, 8, 8.1, 10</p> <p><a href="#">Instructions</a></p> <p>Download Installer</p>	 <p><b>Plugin for Cura</b> (for version older than 3.5.0) Windows, Linux, Mac</p> <p><a href="#">Instructions</a></p> <p>Download Plugin Archive</p>



# Customizable Organizational Settings

The screenshot shows the 'Settings' menu with the following items: Slicing & Apps, Printing, Advanced users, Workgroup Moderators, Admins, Payments, and Customization. Each item is represented by a button with a corresponding icon.

The 'Customization' settings page includes the following options:

- Default Workgroup when users register through Single Sign-On:
- Users can only register with Single Sign-On
- Only allow users to login via Single Sign-On, if it's integrated and they are a member of the Organization
- Welcome Email will have the following restrictions after registering via Single-Sign On:
- Users connecting with an "Access Code" have the following restrictions:
- Default Time Zone and Date Format
- Default interface for all users in the organization
- Hide Download tab for regular users
- Hide Support tab for regular users
- Remove the First and Last Name from the World Statistics page for all of the users in the Organization
- Files page defaults to Files/Projects for all users in the Organization
- Favorite printers
- Default message to the user when the Job has been Queued
- Q&A: [Guide](#)

Below the list, there is a section for '1 Q&A queue' with an 'Add question' button and an 'Edit' button. At the bottom, there are more options:

- Organization Mandrill Mailer: [Guide](#)
- Default Organization Files: [Guide](#)
- Hide the "Print now on the professional HP M,J,F 3D" banner for all users
- Show an Alert banner for all the users in the Organization: [Guide](#)

A 'Save changes' button is located at the bottom right.

The 'Printing' settings page includes the following options:

- Customize Can Queue permissions
- Customize Can Print permissions
- Limit the number of Print Jobs for Regular Users per month - Quota: 30
- Limit Printing Time for Regular Users (hours): 10 week
- Limit the Maximum single Print Job Duration
- Maximum count of Queue/Print jobs a Regular user can have at any time
- Disable printing until confirm build tray is empty
- Start the next job automatically after the printer's bed is marked as "clear"
- Printers page Default Sorting
- Time period for clearing finished/aborted/failed jobs from the queue
- Clear Finished Jobs from the Queue automatically
- Hide Printer Settings for Regular Users
- Show printers grouped by hosts for all organizational members
- Enable Print Fail Detector notifications: illia@3dprinteros.com
- Notify printer owner
- Notify job owner
- Block consecutive Prints for Regular users, if the previous one was Finished and owned by them

The 'Slicing & Apps' settings page includes the following options:

- Default slicer: Slicer 5
- Hide the Advanced tab in the Slicers for Regular users
- Hide the Expert tab in the Slicers for Regular users
- Slicing Setting Limits for Regular Users
- Disable 3DPrinterOS Default Slicing Profiles
- Hide 3D printers without Slicing Profiles from Slicers
- Disable the opportunity to save and overwrite slicing profiles for Regular users
- Disable the ability to overwrite other Slicing profiles for Regular Users
- Disable all the Slicers on 3DPrinterOS for Regular Users
- Manage application access for Regular Users
- Hide "All Printers" under the "Printer" dropdown in the Layout application
- Hide "All Printers" under the "Select printer type" dropdown after uploading external GCodes
- Automatic printer type selection after uploading external GCodes

A 'Save changes' button is located at the bottom left.

# Users, Workgroups and 3D Printer Access

3DPrinterOS allows for effective user management through individual accounts and workgroups. Each user can access specific printers and features based on their role within the organization.

Workgroups facilitate collaboration by grouping users with similar permissions, ensuring streamlined sharing of resources and information. This setup enhances security and ensures that only authorized personnel can initiate prints and manage settings, optimizing workflows in a multi-user environment.

Email	Name	Prints quota (no.)	Balance	Advanced	Admin	
student1@3dprinter.os.com		50	Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	Manage
student2@3dprinter.os.com		50	Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	Manage
student3@3dprinter.os.com		50	Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	Manage
student4@3dprinter.os.com		50	Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	Manage
student5@3dprinter.os.com		50	Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	Manage
student6@3dprinter.os.com		50	Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	Manage
student7@3dprinter.os.com		50	Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	Manage
student8@3dprinter.os.com		50	Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	Manage
student9@3dprinter.os.com		50	Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	Manage

Name	Users	Printers	Rights	
South	3	1	Can print	Manage
Warehouse	3	1	Can print	Manage
Warehouse prod	13	0	Can print (bottom)	Manage
Printing lab makerspace 2	5	0	Can print (bottom)	Manage
makerspace	2	5	Can print	Manage
makerspace 2nd floor	6	4	Can print	Manage
Testing lab	1	1	Can print	Manage
House printer	1	1	Can print	Manage

Name	Type	Host	Email	
Foundry - Gold	Ultimaker S3	0x207bd66e035f	admin@3dprinter.os.com	Manage
Foundry - Henry	Ultimaker S3	0x207bd66e036e	admin@3dprinter.os.com	Manage
Foundry - Ron	Ultimaker S3	0x1f643b3a238f	admin@3dprinter.os.com	Manage
Foundry - Julie	Ultimaker S3	0x207bd66e036f	admin@3dprinter.os.com	Manage
Foundry - Kneep	Ultimaker S3	0x207bd66e036d	admin@3dprinter.os.com	Manage
Foundry - local	Ultimaker S3	0x207bd263c6d1	admin@3dprinter.os.com	Manage
adam's lab 1	Ultimaker 2 Extended(4)	003000002817354	admin@3dprinter.os.com	Manage

# Slicing Profiles


Create, change and share slicing settings across your organization


Active	Deleted	Search	Add profile +
<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/>			
<input type="checkbox"/>			
<input checked="" type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/>			

# Custom Q&A Form - Collecting Information From Users

### Choose 3D Printer

Print to multiple printers

 Gas Mask Duck.stl - ABS

Printer name	Queue Time	Material(s)	Copies
 <b>test i3</b> Original Prusa i3 MK3(S/S+)			<input type="text" value="1"/>

#### 1. Q&A queue

Please describe your 3D printing project: \*

Which best describes your project: \*

Personal

Research-related

Class-related

How many copies of each file do you need? \*

What color would you prefer for the print job?

Do you have a deadline for this project? \*

# Print Fail Detector

Automatically identifies potential issues such as filament jams, layer misalignment, or other anomalies that could lead to a failed print. When a problem is detected, the system promptly notifies the user via email.

### Print Fail Detections

Filters: Is Valid Detect:   Show only ended jobs


10 entries

Job ID	Is Valid Detect	Job Status	First Detect Time	Detect Count	Last Detect Time	Job User Id	Job User Email	Printer type	Job progress	Job print time, h	Job video
3913214	CORRECT	Aborted	2024-04-23 15:29:11	1		457098	illia@3dprinteros.com	Ultimaker 2(+)	0	0.54	<a href="#">Video</a>
3727361	CORRECT	Failed	2024-02-10 17:45:52	6	2024-02-10 17:53:38	457098	illia@3dprinteros.com	Ultimaker 2(+)	34	0.86	<a href="#">Video</a>
3718814	CORRECT	Aborted	2024-02-07 18:05:43	1		457098	illia@3dprinteros.com	Ultimaker 2(+)	0	0.22	<a href="#">Video</a>
3702409	CORRECT	Finished	2024-02-01 11:19:52	17	2024-02-01 14:32:42	457098	illia@3dprinteros.com	Ultimaker 2(+)	100	3.27	<a href="#">Video</a>
3701173	CORRECT	Finished	2024-01-31 23:15:56	2	2024-01-31 23:28:17	457098	illia@3dprinteros.com	Ultimaker 2(+)	100	3.07	<a href="#">Video</a>
3690238	CORRECT	Finished	2024-01-26 20:39:03	5	2024-01-26 22:50:02	457098	illia@3dprinteros.com	Ultimaker 2(+)	100	2.93	<a href="#">Video</a>


Showing 1 to 6 of 6 entries

Automove to next row after update detection state  Show detection rect on image

3690238; status=Finished; date=2024-01-26 20:39:03; count=5; progress=100%; printtime=2.93h; email=illia@3dprinteros.com; ptype=Ultimaker 2(+)  
eo: 9331741468ba3d9192f91f04d20dce7e6800c26f1b2f228fc1fb0af5d7079a38.mp4



Is correct: CORRECT



Is correct: CORRECT

3690238  
Finished  
2024-01-26  
20:39:03  
5

PREV

NEXT

REFRESH PAGE

NEXT PAGE

PREV PAGE

# Built-in Store with Exclusive Discounts

Polymaker

Dremel

LOOP 3D

Claim Your Exclusive Discount  
Get up to 30% off on Polymaker Products

Get it now

\* 3DPrinterOS exclusive 30% discount on every purchase of 10 rolls or more!



Polymaker  
**PLA**

More info



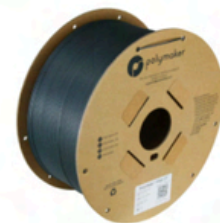
Polymaker  
**ABS**

More info



Polymaker  
**ASA**

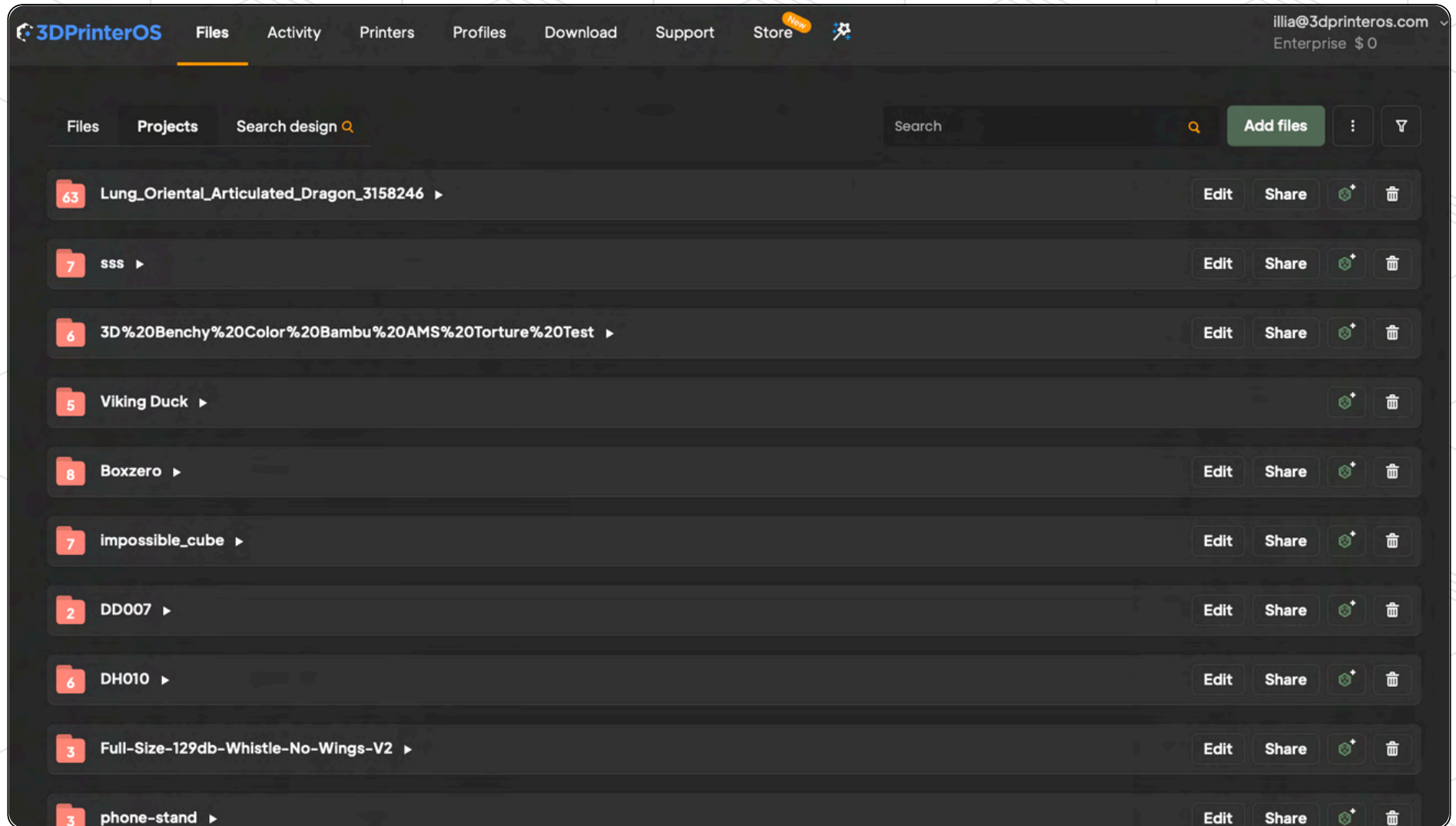
More info



Polymaker  
**Nylon**

More info

# Dark Theme



# Bambu AMS (Multicolor 3D Printing)


The screenshot displays the Bambu AMS software interface. At the top left, there is a green checkmark icon and the text "H S H". Below this, there are two toggle switches: "Enable AMS" (which is turned off) and "Bed leveling" (which is turned on). The main area of the interface is a grid of material selection buttons. Each button consists of a colored square labeled "PLA", a circular icon with a letter or "??", and a dropdown menu. The dropdown menu is currently open for the first button in the first column, showing a list of material options: "PLA Basic", "PLA Basic", "PLA Basic", and "PLA-S". The first button in the first column is green and labeled "A1". The first button in the second column is yellow and labeled "A2". The other buttons in the grid are labeled with "??", indicating that no material has been selected for those positions. At the bottom left, there is a "Close" button, and at the bottom right, there is a "Print" button.

Color	Label	Material
Green	A1	PLA Basic
Red	A3	PLA Basic
Cyan	??	No material selected
White	??	No material selected
Blue	??	No material selected
Light Green	??	No material selected
Dark Blue	??	No material selected
Dark Blue	??	No material selected
Yellow	A2	PLA Basic
Blue	??	No material selected
Grey	??	No material selected
Black	??	No material selected
Purple	??	No material selected
Yellow	??	No material selected
Magenta	??	No material selected
Cyan	??	No material selected



# Alert Banner for All Users in the Organization

Update



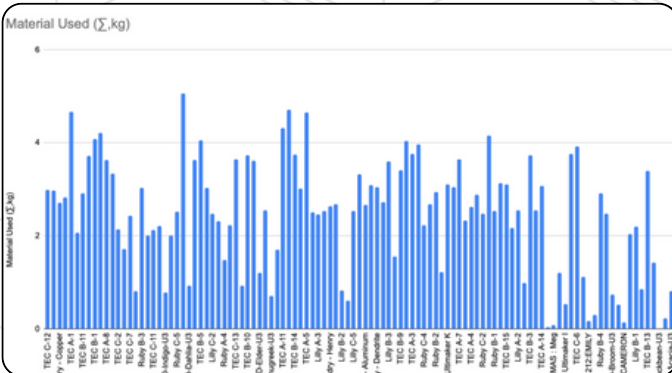
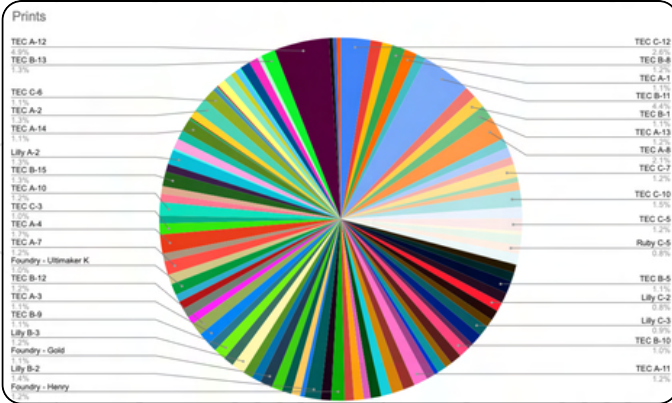
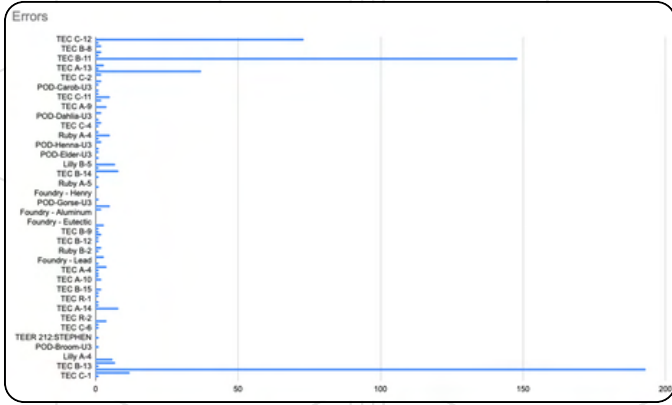
>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam fringilla tortor ut nisi dignissim, sit amet eleifend augue vulputate. Proin vel felis rhoncus, egestas leo eu, molestie urna. Nam volutpat nibh ac malesuada auctor. Morbi non luctus velit, at elementum libero. Fusce id lacus venenatis, viverra lorem sed, dictum neque. Sed consequat est eu nunc bibendum malesuada. Aenean rhoncus faucibus metus sed egestas. Donec auctor facilisis sagittis. Mauris lectus nibh, fringilla eget semper vitae, accumsan eget lectus. Nulla ac urna metus. Aliquam erat volutpat.

In at egestas elit, a sollicitudin erat. Aliquam tincidunt, est vitae venenatis porttitor, dui nulla luctus velit, quis lobortis ante lacus quis velit. Maecenas tempor tempus ex in scelerisque. Morbi tempor suscipit ultrices. Praesent vel fermentum ex. Pellentesque tincidunt magna et justo rhoncus congue. Aliquam congue eget lacus quis lacinia.

Nam aliquam urna ac massa maximus cursus. Quisque gravida nisl velit, at tempor metus tincidunt in. Nulla dignissim risus quam, nec pretium sapien molestie eget. Quisque finibus finibus justo, ut sodales purus lacinia nec. Nulla ac vehicula ligula. Vivamus iaculis metus velit. Morbi quis vestibulum tortor, et rhoncus enim. Mauris volutpat tater a arcu dapibus molestie. Suspendisse potenti. Vivamus auctor turpis

OK

# Various Reporting Tools



### 1 User Report

Search [Export to CSV](#)

Account	Last Print Date/Time	Real Print Time (Σ,h)	Material Used (Σ,kg)	Prints (Σ)	Print Errors (Σ)	Material Cost (Σ,\$)
illia@3dprinteros.com	2024-09-19 10:34:44	182.60	0.690	137	18	5.44

### 2 Printer Report

Search [Export to CSV](#)

Printer ID	Printer VID:PID:SN	Printer Name	Printer Type	Client Version	Online / Offline	Status	Account	Last Print Date/Time	Real Print Time (Σ,h)	Material Used (Σ,kg)	Prints (Σ)	Print Errors (Σ)	Material Cost (Σ,\$)	Host
104484	2341:0042:85334333831351918D60	Home	Ultimaker 2(+)	7.9.42stable3	offline	offline	illia@3dprinteros.com	2024-03-07 11:10:44	96.38	0.600	108	8		0x14d424

### 3 Usage/Audit Report

Search [Export to CSV](#)

Job ID	Date/Time	File Name	Printer ID	Email	Material Used (kg)	Real print time (h)	Estimated print time (h)	Status	Material Cost (\$)	Started by	End Date/Time
3726054	2024-02-09 18:29:51	poison_dragon_...13155696.gcode	104484	illia@3dprinteros.com	0.138	16.51	16.60	Failed (Lost connection)		illia@3dprinteros.com	2024-02-10 11:00:28

### 4 Billing

Search [Export to CSV](#)

Account	Year-Month	Real Print Time (Σ,h)	Estimated Print Time (Σ,h)	Material Used (Σ,kg)	Prints (Σ)	Material Cost (Σ,\$)
illia@3dprinteros.com	2024-02	71.67	342.92	0.522	64	

### 5 List Of Users in Organisation

Search [Export to CSV](#)

Account	Workgroup ID	Workgroup Name	Admin Account
illia@3dprinteros.com			yes

### 6 Job cancel reasons report

Search [Export to CSV](#)

Job ID	Printer Name	Printer Type	Client Version	File ID	Print Date/Time	Account email	Cancel reasons	Cancel details	Canceled by
4103934	Undefined printer name	Original Prusa MK4	7.27.17stable3	14655105	2024-09-06 17:50:28	illia@3dprinteros.com			illia@3dprinteros.com

### 7 Workgroup report

Search [Export to CSV](#)

Workgroup name	Last Print Date/Time	Real Print Time (Σ,h)	Material Used (Σ,kg)	Prints (Σ)	Print Errors (Σ)	Material Cost (Σ,kg)
test	2024-09-19 10:34:44	0.00	0.013	2	0	

### 8 User transactions report

Search [Export to CSV](#)

ID	Date/Time	User Email	Status	Amount	Type	Description	Job ID	Balance before	Updater User Email
313711	2024-05-22 16:29:06	illia@3dprinteros.com	approved	-6.79	update	New job	3981443	-5.44	

### 9 Custom Report

[Export to CSV](#)

Job ID  Printer ID  Printer Name  Printer Type  File ID  File Name  Edited Date/Time  Account Email  Account First Name  Account Last Name  Filament  
 Material Cost  Status(job)  Estimated Print Time  Real Print Time  Cancel Reason  Cancel Details  Started By Account Email  Queued Date/Time  
 Started Date/Time  Ended Date/Time  Feedback  Question 1

# Private Cloud Deployment

## DEPLOY OUR PLATFORM ONTO YOUR SERVERS:



- ✓ Increase business focus  
Free your valuable IT staff from routine administrative chores, patching and maintenance to focus on adding value to the business

- ✓ The service can be aligned to your business needs day one and scaled as required based on your business growth.

- ✓ Report on users printing time, filament used, usage history and success rates over time.

- ✓ Combine printers from different OEM's to standardize access portals.

- ✓ Monitor work group printers for maintenance, track uptime and easily scale your additive manufacturing infrastructure.

- ✓ Admins can restart prints with a single click and see a full audit trail of all file details.


# Install our Client on any Major Operating System

## We support over 1,000+ printers

### Manage all of your 3D printers and users from a single platform


- 3DPrinter Prime I
- 3Dexter Dexbot
- AE3D Impressora Wide
- AUP3Steel
- Airwolf AXIOM
- Airwolf HD2x
- Airwolf3D XL
- Anet A8 Desktop Prusa i3
- Anycubic Chiron
- Anycubic Kobra
- Anycubic Kobra Max
- Anycubic Mega X
- Anycubic i3 Mega
- Anycubic i3 Mega S
- Artillery Sidewinder X1
- Atrobot Mini
- EnvisionTEC Vida UHD cDLM [Virtual](#)
- EnvisionTEC Vida cDLM [Virtual](#)
- EnvisionTEC Xede 3SP [Virtual](#)
- EnvisionTEC Xede 3SP Ortho [Virtual](#)
- EnvisionTEC Xtreme 3SP [Virtual](#)
- EnvisionTEC Xtreme 3SP Ortho [Virtual](#)
- EnvisionTEC Xtreme HD 3SP [Virtual](#)
- Epilog Lasercutters Model Legend 3BEXT [Virtual](#)
- Essentium Materials HSE 180 [Virtual](#)
- ExOne Exerial [Virtual](#)
- ExOne Innovent [Virtual](#)
- ExOne M-Flex [Virtual](#)
- ExOne M-Print [Virtual](#)
- ExOne S-Max Furan [Virtual](#)
- ExOne S-Max+ Phenolic [Virtual](#)
- ExOne S-Print Furan [Virtual](#)

VERSION 7.27.17 STABLE (1000 hours of testing) September 25, 2024




**Windows Installer**

Windows 7, 8, 8.1, 10, 11




[Installation guide](#)

Mac OS X 10.10.2+




**.deb Package**

Ubuntu 18.04+



**Zip Archive**

[Installation guide](#)



**Get Image**

Raspberry Pis and some single-board computers



**Thank You for Exploring 3DPrinterOS!**

**We hope this feature list helps you unlock the full potential of 3DPrinterOS for all your printing needs. For more information and detailed guidance, check out the following resources:**

- **Help Documentation:** [Visit our Help Center](#) for comprehensive articles and FAQs.
- **Registration:** [Sign up for 3DPrinterOS](#) to start managing and monitoring your 3D printing projects.
- **Official Website:** [Visit our Website](#) to learn more about 3DPrinterOS and our latest updates.