



3DPrinterOS

Feature List January
2019

My Files



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NIKITA@3DPRINTEROS.COM
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My Files

My Projects

My Slicing Profiles

Search



ADD FILES

<input type="checkbox"/>	ID	Name	Creator	Job offer	Log	Status	Size / print time	Cost	Date / Time added			
<input type="checkbox"/>	64524	example.stl EDIT	me			Ready	4.96 KB		22.12.2018 11:06	SLICE	APPS	
<input type="checkbox"/>	38908	Tutorial Santa Duck.stl EDIT	me			Ready	1.67 MB		26.01.2018 15:50	SLICE	APPS	
<input type="checkbox"/>	31953	example.stl EDIT	me			Ready	4.96 KB		29.05.2017 11:44	SLICE	APPS	
<input type="checkbox"/>	31940	example.stl EDIT	me			Ready	4.96 KB		29.05.2017 11:22	SLICE	APPS	
<input type="checkbox"/>	31939	example.stl EDIT	me			Ready	4.96 KB		29.05.2017 11:18	SLICE	APPS	
<input type="checkbox"/>	31938	example.stl EDIT	me			Ready	4.96 KB		29.05.2017 11:17	SLICE	APPS	
<input type="checkbox"/>	31937	example.stl EDIT	me			Ready	4.96 KB		29.05.2017 11:13	SLICE	APPS	
<input type="checkbox"/>	31936	example.stl EDIT	me			Ready	4.96 KB		29.05.2017 11:04	SLICE	APPS	
<input type="checkbox"/>	27860	hook4.stl EDIT	me			Ready	2.09 MB		09.01.2017 07:07	SLICE	APPS	
<input type="checkbox"/>	27859	hook1.stl EDIT	me			Ready	2.11 MB		09.01.2017 07:07	SLICE	APPS	
<input type="checkbox"/>	27858	hook3.stl EDIT	me			Ready	2.12 MB		09.01.2017 07:07	SLICE	APPS	
<input type="checkbox"/>	27075	squeezer_2_150910d.3mf EDIT	me			Ready	15.68 KB		22.12.2016 15:46	PRINT	APPS	
<input type="checkbox"/>	25280	example.stl EDIT	me			Ready	4.96 KB		18.11.2016 15:28	SLICE	APPS	



My Projects



e-Nable Hand - Open Source Project [313]													
programming clip [6] <input type="checkbox"/> Enable Status Tracking project													
	2131652	SonoffBasicProgrammingClip-5_2131636.g3drem	EDIT	me	Ready DREMEL3D45	1h 22m	€5.95	01.01.2019 16:33	REPAIR	PREVIEW	PRINT	...	X
	2131651	SonoffBasicProgrammingClip-5_2131636.g3drem	EDIT	me	Ready DREMEL3D45	2h	€7.24	01.01.2019 16:32	REPAIR	PREVIEW	PRINT	...	X
	2131640	SonoffBasicProgrammingClip-5_2131636.g3drem	EDIT	me	Ready DREMEL3D45	2h	€7.24	01.01.2019 16:21 EET	REPAIR	PREVIEW	PRINT	...	X
	2131637	SonoffBasicProgrammingClip-5_2131636.stl	EDIT	me	Ready	199.01 KB		01.01.2019 16:20	REPAIR	LAYOUT	SLICE	...	X
	2131636	SonoffBasicProgrammingClip-5.stl	EDIT	me	Ready	199.01 KB		01.01.2019 16:19 EET	REPAIR	LAYOUT	SLICE	...	X
	2131635	SonoffBasicProgrammingClip-4.stl	EDIT	me	Ready	104.87 KB		01.01.2019 16:19 EET	REPAIR	LAYOUT	SLICE	...	X
statue [1] <input type="checkbox"/> Enable Status Tracking project													
	2125578	Uthyr.stl	EDIT	me	Ready	7.87 MB		29.12.2018 19:37	REPAIR	LAYOUT	SLICE	...	X
hinge [5] <input type="checkbox"/> Enable Status Tracking project													
	2115162	Lego_Duplo_2x2_90degreeHinge_2114795.g3drem	EDIT	me	Ready DREMEL3D45	1h 52m	€7.24	25.12.2018 18:24	REPAIR	PREVIEW	PRINT	...	X



Remote printer monitoring and queue administration

The dashboard displays a list of active printers, each with a header bar indicating its name, OS, MAC address, and local IP. Below each printer header, there are status indicators (like filament levels and tray status), temperature readings, and control buttons (LIVE VIEW, SHARE, TOOLS). A central table lists the print jobs for each printer, including details like date/time, filename, user, filament usage, cost, and status.

ACTIVE PRINTERS | **LIVEVIEW WALL** | Register Dremel3D/Robo3D | **INSTALL** | **+ MORE**

Search by printer name | Finished jobs stay here for 24 hours only, go to dashboard to see full history

Uily A-4 | os : Raspberry PI | mac : 00000004e10e71 | Local IP: 152.3.225.194 | Machine Settings

Uily A-4 Ultimaker 2 Extended(+) | **live** | **UL_EXTENDED** | Filament 394.91g | **BUILD TRAY IS CLEAR** | 23.8 °C | 21.8 °C | **LIVE VIEW** | **SHARE** | **TOOLS**

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logclick to see!

Ultimaker 3 Ultimaker 2 Extended(+) | **offline** | **UL_EXTENDED** | **LIVE VIEW** | **SHARE** | **TOOLS**

OIT - ATC Printer 2 | os : Raspberry PI | mac : 000000061c388e | Local IP: 10.237.4.206 | Machine Settings

OIT - ATC Printer 2 Ultimaker 2(+) | **live** | **UL** | Filament 155.43g | "transparent Magenta PLA" | 23.4 °C | 20.9 °C | **LIVE VIEW** | **SHARE** | **TOOLS**

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logclick to see!

Ultimaker 4 Ultimaker 2 Extended(+) | **offline** | **UL_EXTENDED** | 2 jobs | 05:02:51 | **LIVE VIEW** | **SHARE** | **TOOLS**

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logclick to see!	Actions
20.10.2015 01:34	Base U 3T_302908.gcode	rg202@duke.edu	15.80g	n/a	01:35 / -	In queue	Job ID: 43338, Printer ID: 33390	CANCEL + MORE
18.10.2015 17:29	Ho pag flat bottom STL_301950.gcode	sm45@duke.edu	37.21g	n/a	03:27 / -	In queue	Job ID: 42883, Printer ID: 33390	CANCEL + MORE

Uily A-5 | os : Raspberry PI | mac : 00000006e47b34 | Local IP: 152.3.225.195 | Machine Settings

Uily A-5 Ultimaker 2 Extended(+) | **live** | **UL_EXTENDED** | Filament 42.95g | **BUILD TRAY IS NOT CLEAR** | 22.1 °C | 21.8 °C | **LIVE VIEW** | **SHARE** | **TOOLS**

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logclick to see!

Ultimaker 1 Ultimaker 2 Extended(+) | **offline** | **UL_EXTENDED** | 2 jobs | 03:32:56 | **LIVE VIEW** | **SHARE** | **TOOLS**

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logclick to see!	Actions
14.10.2015 17:25	Ada STL.gcode	sm43@duke.edu	0.79g	n/a	00:04 / -	In queue	Job ID: 42415, Printer ID: 33467	CANCEL + MORE
14.10.2015 16:04	Dory Peg2 STL.gcode	sm43@duke.edu	39.03g	n/a	03:28 / -	In queue	Job ID: 42368, Printer ID: 33467	CANCEL + MORE

TEC C-15 | os : Raspberry PI | mac : 0000000694406e | Local IP: 152.3.20.150 | Machine Settings

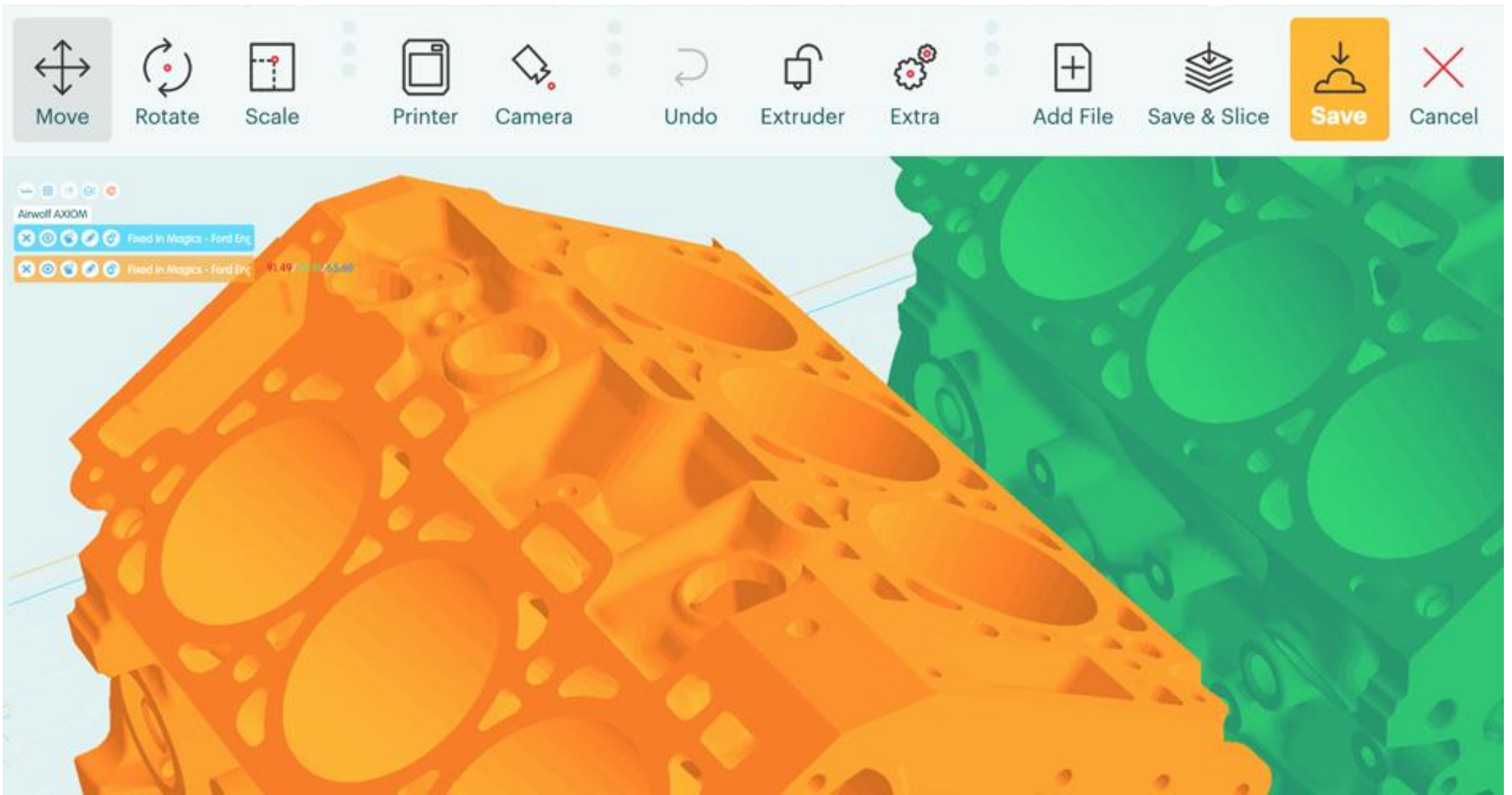
TEC C-15 Ultimaker 2(+) | **live** | **UL** | Filament 291.34g | **BUILD TRAY IS NOT CLEAR** | "camera problem" | 21.5 °C | 19.3 °C | **LIVE VIEW** | **SHARE** | **TOOLS**

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logclick to see!	Actions
12.12.2016 22:38	Mount top v4_2064372_almagdc16_2064373.gcode	hs100@duke.edu	48.07g	30.00	05:29 / 00:06	Normal	Job ID: 600076, Printer ID: 38742	+ MORE

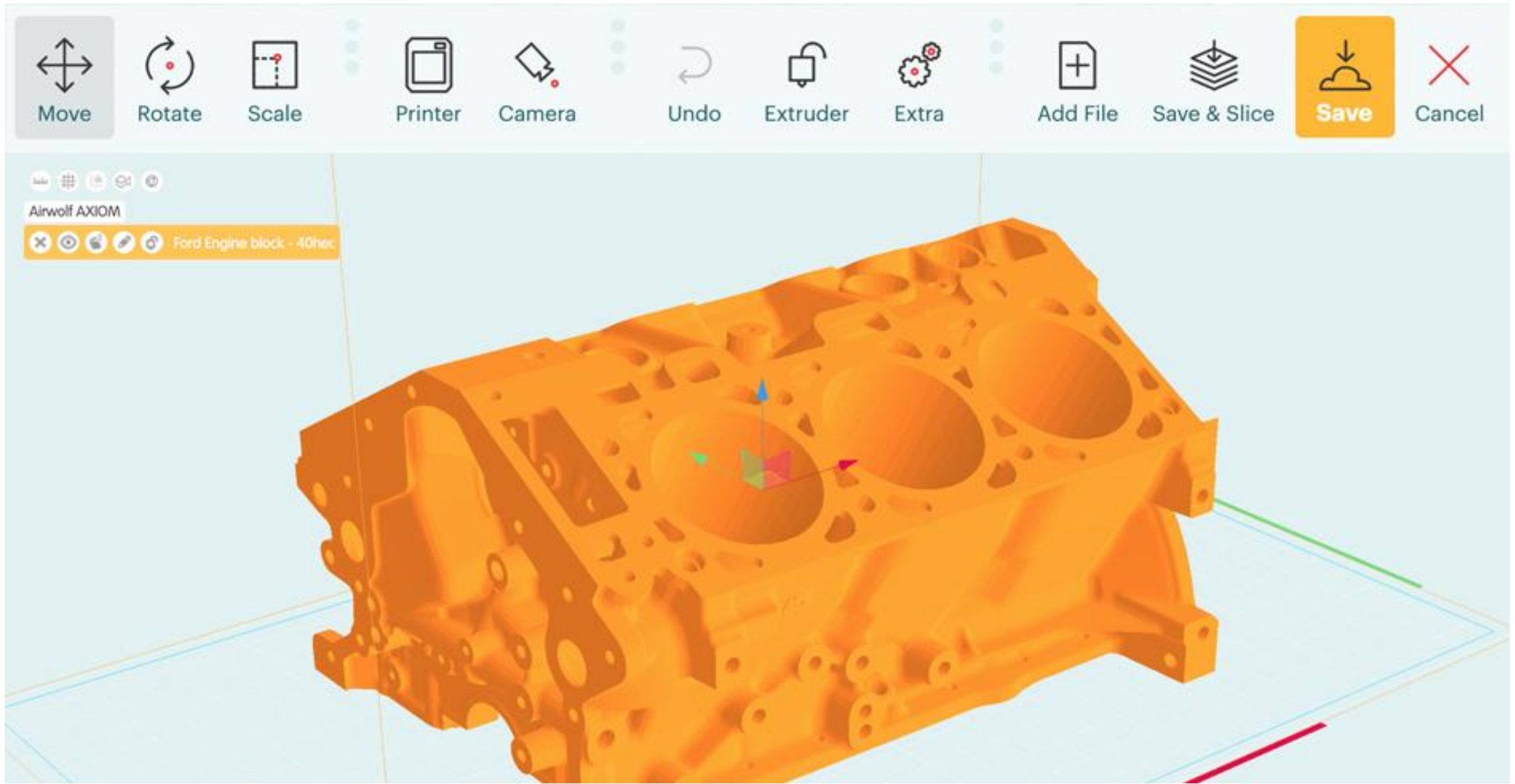
Undefined printer name Virtual Printer | **offline** | **Virtual** | **LIVE VIEW** | **SHARE** | **TOOLS**

TEC C-10 | os : Raspberry PI | mac : 0000000617e03e | Local IP: 152.3.30.150 | Machine Settings

STL and OBJ visualization



STL and OBJ visualization



Cloud Slicer

MY PROFILE UPLOAD MODELS MY FILES DASHBOARD PRINTERS DOWNLOAD

NIKITA MOKHIREV
NIKITA@3DPRINTEROS.COM

Simple **Advanced** Expert Price

MY FILES MY PROJECTS

RIGHT BRACKET PROJECT

ID	Name	
579561	bigstl.zip	Edit
577372	example.stl	Edit
436757	example.stl	Edit
436707	example.stl	Edit
168770	Love_and_Kisses_Vase_...	

EXAMPLE PROJECT

EXAMPLE PROJECT

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Search [ADD FILES](#)

Select printer type: Airwolf AXIOM

Select slicing profile: PLA Precise

Layer thickness (mm): 0.2 (0.1 longer to 0.3 faster)

Shell thickness (mm): 0.5 (0.4 weak to 5 strong)

Infill (%): 12 (0 light to 100 strong)

Extruder(°C): 215 Table(°C): 65 Platf. Adhesion: Brim

Supports Re-center object before slicing

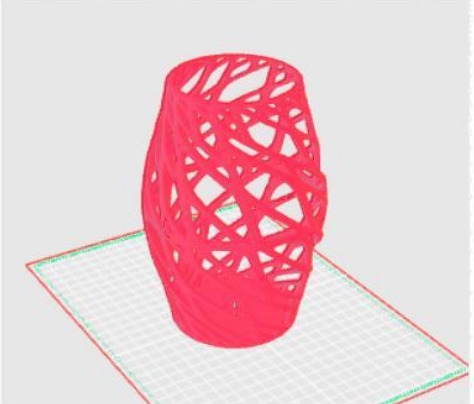
Cancel Slice **Slice & Toolpath Preview**

Cheatsheet
Right-mouse-click and move to rotate
Scroll-wheel on mouse to zoom in or out

Step1 Step2 Step3 Extras

REPAIR	LAYOUT	SLICE		✕
REPAIR	LAYOUT	SLICE		✕
REPAIR	LAYOUT	SLICE		✕
REPAIR	LAYOUT	SLICE		✕
REPAIR	LAYOUT	PRINT		

POWERED BY 3DPrinterOS™
Cloud 3D Printer Management



Toolpath viewer

RIGHT BRACKET PROJECT

Printer Camera Layers Layer Info Slice info Print Close

Model view **Toolpath view**

Speed mm/min

- 3600
- 3260
- 2920
- 2580
- 2240
- 1900
- 1560
- 1220
- 880
- 540
- 200
- 0

Build Settings

Preview Toolpath Layers

Material and profile **Standard (PLA)**

Layer Height (mm)

0.1 longer 0.3 faster

Number perimeters

1 weak 10 strong

Infill Density in %

0 hollow 100 solid

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Toolpath viewer

The screenshot displays a 3D toolpath viewer interface. At the top, a toolbar contains icons for Printer, Camera, View layers (highlighted), Info, Slice info, Print, and Close. The main view shows a 3D model of a letter 'C' with a green checkered pattern, surrounded by yellow and pink toolpaths. On the left, a vertical legend shows 'Speed mm/min Ext1' with a color scale from 0 to 7000 and 'Supports Ext1' with a pink color. On the right, a 'Layers' panel shows 'Range' from 0 to 380, with a slider set to 183. Below the slider are checkboxes for 'Show extrusion' (checked), 'Show service parts' (checked), and 'Show motion' (unchecked). At the bottom right, an 'Animation' panel contains play, pause, and stop buttons.

Toolpath viewer

The screenshot displays a 3D toolpath viewer interface. At the top, a toolbar contains icons for Printer, Camera, View layers (highlighted), Info, Slice info, Print, and Close. The main view shows a yellow 3D model of a printed part with a pink support structure. On the left, there are two legends: 'Speed mm/min Ext1' with a color scale from 100 to 8000, and 'Supports Ext1' with a pink square. On the right, there is a 'Layers' control panel showing 'Range' from 0 to 380, with a slider set to 180. Below the slider are checkboxes for 'Show extrusion' (checked), 'Show service parts' (checked), and 'Show motion' (unchecked). At the bottom right, there is an 'Animation' panel with play, pause, and stop buttons.

World Statistics

MY PRINTING HISTORY

WORLD STATISTICS

MY ORGANIZATION STATISTICS

MY ORGANIZATION HISTORY

Overview

62912d 6h

Hours Printed

582106

Prints

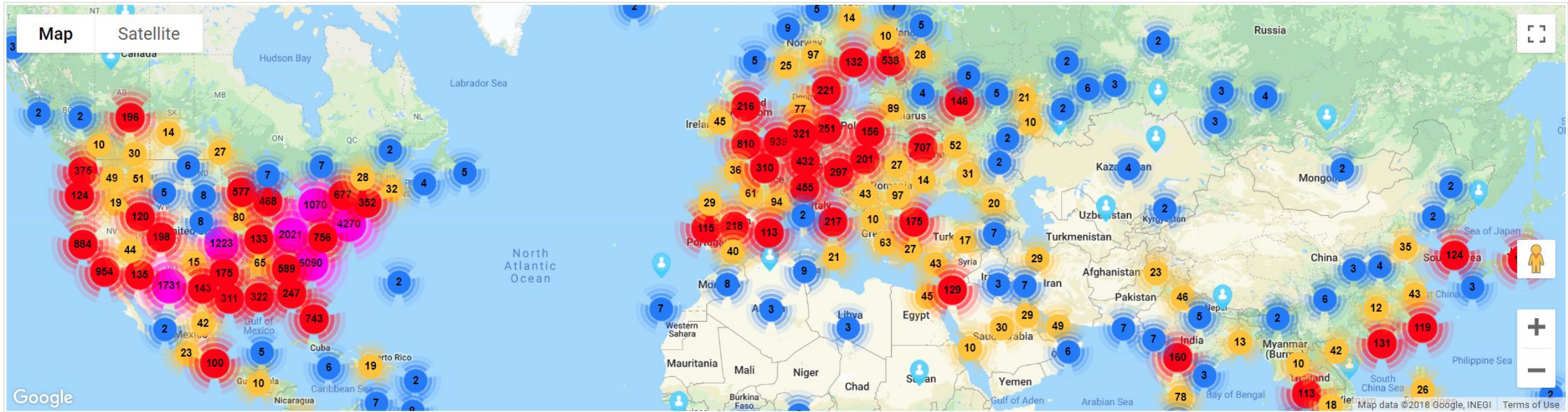
21533

Printers

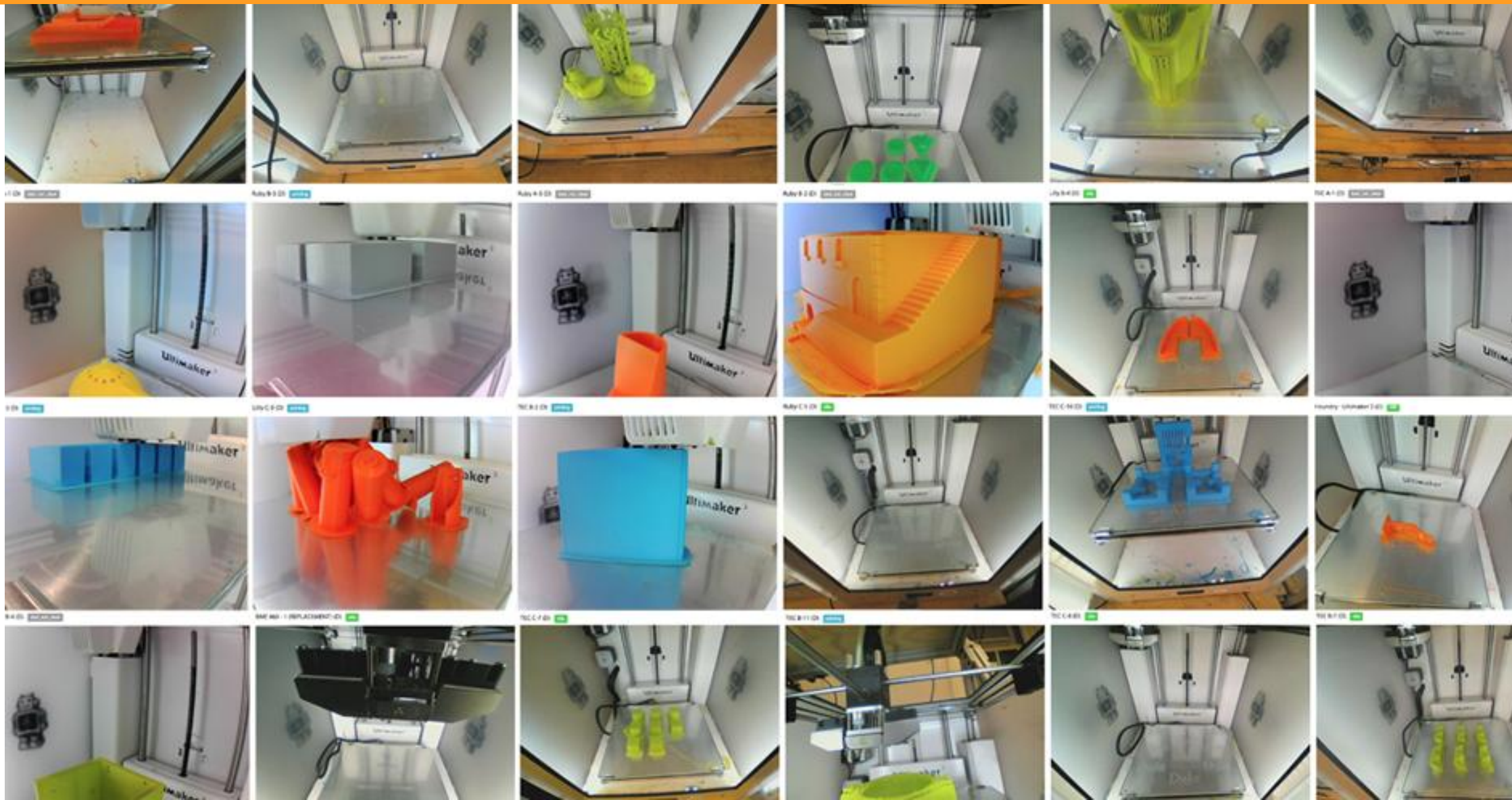
20615.51

Material used (kg)

Accumulation map Heat Map



LiveView Wall




Rack Support



Users' 3D social pages

Anton Vedeshin

ENTERPRISE



Printers count **153** Prints count **855** Hours Printed **714h 20m**

About me:

✉ anton@3dprinteros.com
🏠 San Francisco, United States


Drag & Drop STL, OBJ, CAD or any other 3D file to get a quote from this user.

Printers:


- Witbox
- Generic Marlin
- Prusa i3
- Ultimaker 2

Show off what you've made today!

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 Anton Vedeshin
01:43 - 28.09.2015

What is a romantic evening 3DPrinterOS way? It's 3D printing an Eiffel Tower in the lights of sunset to test the integration of a new type of 3D printer ;))))



More apps

Printing cost estimator, queuing for industrial printers, much more

MY FILES | MY PROJECTS | MY SLICING PROFILES

Search [] Add Files

ID	Name	Creator	Job offer	Log	Status	Size / print time	Cost	Date / Time added	STEP 1	STEP 2	STEP 3	EXTRAS
1241220	example.stl	me		stl	Ready							
1222587	Part Studio 1.stl	me		stl	Ready							
1084858	butterfly_nut_M5.stl	me	\$ Anton Vedeshin	stl	Ready							
1014746	example.stl	me		stl	Ready							
939839	example.stl	me		stl	Ready							
865596	fixed-example-not ok.gcode	me		gco	Ready							
732582	example.stl	me		stl	Ready							
728544	Sketch 1 - t2hed.stl	me		stl	Ready							
728543	Sketch 1 - Alus.stl	me		stl	Ready							
723561	example.stl	me		stl	Ready							
579561	bigstl.zip	me		BF	Ready							
564824	lever-box.stl	me		stl	Ready							
498278	FlashForge side v1.12.stl	me		stl	Ready							
471688	mudell.stl	me		stl	Ready							
468464	UM3_example.gcode	me		gco	Ready							
460409	1 - 2komplekti.zip	me		BF	Ready							
460408	2 - 6komplekti.zip	me		BF	Ready	100.90 KB		20.02.2017 14:15	REPAIR	LAYOUT	SLICE	...
460407	1 - 2komplekti.zip	me		BF	Ready	72.96 KB		20.02.2017 14:15	REPAIR	LAYOUT	SLICE	...
460406	3 - 8komplekti.zip	me		BF	Ready	54.14 KB		20.02.2017 14:15	REPAIR	LAYOUT	SLICE	...
448994	etel handle v0.321.stl	me		stl	Ready	1.40 MB		12.02.2017 16:53	REPAIR	LAYOUT	SLICE	...
448993	etel handle v0.321.stl	me		stl	Ready	1.40 MB		12.02.2017 16:52	REPAIR	LAYOUT	SLICE	...

Applications

- STL Editor
- QUICK PRINT
- INDUSTRIAL
- Cloud Slicer
- Slicer 2
- Print calculator (beta)
- Slicer for Makerbots
- SLICER 3
- Share File
- Magic Fix
- Obfuscator
- Simplify
- Hollowing App
- Facebook Sketchfab
- Twitter Sketchfab

Filament tracking

Track your filament

Tallinn 1 Dremel 3D45 Idea Builder

idle

DREMEL3D45

Filament: 738.00g

28 °C 22 °C 1 job 02:01:30

LIVE VIEW

SHARE

TOOLS

Printer Name

Printer Type

Printer ID

Printer SN

Tallinn 1

Dremel 3D45 Idea Builder

42036

Please, choose your live view mode

Please, choose your live view mode

Filament

Filament tracking

- Pi camera
- Full HD camera [pro]
- Dual camera
- Multi camera
- Disable camera

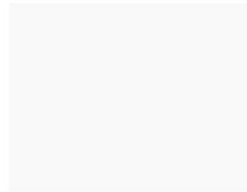
Camera1 (D)



Assigned to:

Dremel 3D45 Idea Builder
42036

No Camera



Color: N/A

Type: None

Use filament tracking

Filament left(g) 738.00

Reset to 1KG

- Enable clear bed notification/button
- Start next job in the queue button
- Disable queue

SEND LOGS

DELETE PRINTER

MAKE INACTIVE

RESET CAMERA MODULE

CLOSE

SAVE

	Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logs(click to see)	
	12.04.2018 20:13	humidifier bigger v0_1246641.g3drem	anton@3dprinteros.com	35.78g	\$7.77	02:01 / -	In queue	Job ID:420233, Printer ID:42036	START CANCEL + MORE
	12.04.2018 20:35	ClearStar2.g3drem	john@3dprinteros.com	8.30g	\$6.86	01:50 / 00:00	Aborted	Job ID:420266, Printer ID:42036	+ MORE
	12.04.2018 20:15	humidifier bigger v0_1246641.g3drem	anton@3dprinteros.com	35.78g	\$7.77	02:01 / 00:02	Aborted	Job ID:420235, Printer ID:42036	+ MORE

Internal messenger

Chat with your colleagues, discuss print jobs and collaborate on them

stl	Ready	92.66 KB	04.08.2017 07:56	REPAIR	LAYOUT	SLICE	...	✕
stl	Ready	89.34 KB	04.08.2017 07:56	REPAIR	LAYOUT	SLICE	...	✕
stl	Ready	4.96 KB	01.08.2017 09:12	REPAIR	LAYOUT	SLICE	...	✕
BF	Ready	322.88 MB						✕
stl	Ready	411.61 KB						✕
stl	Ready	1.51 MB						✕
stl	Ready	562.97 KB						✕
gco	Ready	27.83 KB	U3					✕
BF	Ready	72.96 KB						✕
BF	Ready	100.90 KB						✕
BF	Ready	72.96 KB						✕
BF	Ready	54.14 KB						✕
stl	Ready	1.40 MB						✕
stl	Ready	1.40 MB						✕

Aaron Roy ✕

Hi

hpw are you?






It works!

hey anton


anytime you have a message it should bring that chat to the top

as we quickly can get quite a list of contacts

User list

-  3DPrinterOS Assistant
-  Kozlov Maksym
-  Anton Vedeshin
-  Aaron Roy
-  Ivan Gaydamakin 3

Type a Message 

Search 

Slicing profiles

Create, change and share slicing settings across your organization


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[MY SLICING PROFILES](#)
[Add new profile](#)

ID	Name	Slicer Name	Printer Type	Rights	Show in slicer	Date / Time added	Priority	
7179	Kim uden support	Cloud Slicer	WB	Show	<input checked="" type="checkbox"/>	05.04.2018 14:00	0	EDIT X
6669	PETG (DRAFT)	Cloud Slicer	DREMEL3D45	Show	<input checked="" type="checkbox"/>	11.02.2018 13:31	0	EDIT X
6655	test	Slicer 3	U3	Show	<input checked="" type="checkbox"/>	09.02.2018 11:29	0	EDIT X
6599	Black Edition .8 Normal Strong	Cloud Slicer	U2	Show	<input checked="" type="checkbox"/>	02.02.2018 15:28	0	EDIT X
6598	Black Edition .8 Super Strong	Cloud Slicer	U2	Show	<input checked="" type="checkbox"/>	02.02.2018 15:24	0	EDIT X
6518	Default (new)	Slicer 3	U3	Show	<input checked="" type="checkbox"/>	11.01.2018 12:00	0	EDIT X
6367	Dremel \$\$ Standard (PLA) (new)	Cloud Slicer	DREMEL2	Show	<input checked="" type="checkbox"/>	21.12.2017 17:53	0	EDIT X
6366	Dremel Standard (PLA) (new)	Cloud Slicer	DREMEL2	Show	<input checked="" type="checkbox"/>	21.12.2017 17:51	0	EDIT X
6291	pt25_Nozzle_PLA_UM2	Cloud Slicer	U2	Show	<input checked="" type="checkbox"/>	08.12.2017 16:36	0	EDIT X
6258	3DPrinterOS - MK2 experimental - Heated Bed	Cloud Slicer	HEPHESTOS	Show	<input checked="" type="checkbox"/>	04.12.2017 17:20	4	EDIT X
6221	Alex - High - Heated Bed	Cloud Slicer	HEPHESTOS	Show	<input checked="" type="checkbox"/>	27.11.2017 21:12	4	EDIT X
6136	LulZbot_Taz6_PLA_Normal_\$\$\$	Cloud Slicer	LULZTAZ6	Show	<input checked="" type="checkbox"/>	09.11.2017 20:16	4	EDIT X
6085	test 115	Cloud Slicer	Virtual	Show	<input checked="" type="checkbox"/>	26.10.2017 06:23	4	EDIT X
6080	priority third	Cloud Slicer	Virtual	Show	<input checked="" type="checkbox"/>	24.10.2017 12:56	1	EDIT X



Slicer Name Printer Type Rights Show in slicer

SIMPLE ADVANCED EXPERT PRICE X

Slicer settings **PETG (DRAFT)**

Select printer type: Dremel 3D45 Idea Builder ▼

Select slicing profile: PETG (DRAFT) ▼

Layer thickness (mm): 0.3 (0.1 longer to 0.3 shorter)

Shell thickness (mm): 5 (0.4 weak to 5 strong)

Infill (%): 0 (0 light to 100 strong)

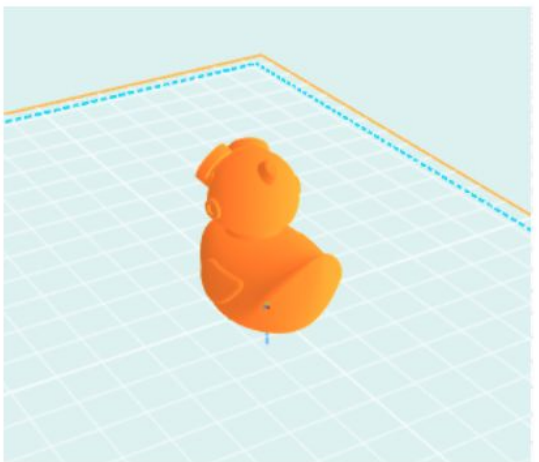
Extruder(°C): 250 Table(°C): 70 Platf. Adhesion: Brim ▼

Supports Re-center object before slicing

Create g3drem build file for Dremel (use only if your printer firmware has 3DPrinterOS direct connectivity)

Back Save as... Save/Overwrite

Cheatsheet
Right-mouse-click and move to rotate
Scroll-wheel on mouse to zoom in or out



Precise printing cost calculation

Precisely track the consumption for different departments and cost centers

ID	Name	Slicer Name	Printer Type	Rights	Show in slicer	Date / Time added	Priority	
7179	Kim uden support				<input checked="" type="checkbox"/>	05.04.2018 14:00	0	EDIT ✕
6669	PETG (DRAFT)				<input checked="" type="checkbox"/>	11.02.2018 13:31	0	EDIT ✕
6655	test				<input checked="" type="checkbox"/>	09.02.2018 11:29	0	EDIT ✕
6599	Black Edition .8 Normal Strong				<input checked="" type="checkbox"/>	02.02.2018 15:28	0	EDIT ✕
6598	Black Edition .8 Super Strong				<input checked="" type="checkbox"/>	02.02.2018 15:24	0	EDIT ✕
6518	Default (new)				<input checked="" type="checkbox"/>	11.01.2018 12:00	0	EDIT ✕
6367	Dremel \$\$ Standard (PLA) (new)				<input checked="" type="checkbox"/>	21.12.2017 17:53	0	EDIT ✕
6366	Dremel Standard (PLA) (new)				<input checked="" type="checkbox"/>	21.12.2017 17:51	0	EDIT ✕
6291	pt25_Nozzle_PLA_UM2				<input checked="" type="checkbox"/>	08.12.2017 16:36	0	EDIT ✕
6258	3DPrinterOS - MK2 experimental - Heated Bed				<input checked="" type="checkbox"/>	04.12.2017 17:20	4	EDIT ✕
6221	Alex - High - Heated Bed	Cloud Slicer	HEPHESTOS	Show	<input checked="" type="checkbox"/>	27.11.2017 21:12	4	EDIT ✕
6136	LulZbot_Taz6_PLA_Normal_\$\$\$	Cloud Slicer	LULZTAZ6	Show	<input checked="" type="checkbox"/>	09.11.2017 20:16	4	EDIT ✕
6085	test 115	Cloud Slicer	Virtual	Show	<input checked="" type="checkbox"/>	26.10.2017 06:23	4	EDIT ✕
6080	priority third	Cloud Slicer	Virtual	Show	<input checked="" type="checkbox"/>	24.10.2017 12:56	1	EDIT ✕

SIMPLE | **ADVANCED** | **EXPERT** | **PRICE** | ✕

Slicer settings **PETG (DRAFT)**

Select printer type: Dremel 3D45 Idea Builder ▼

Select slicing profile: PETG (DRAFT) ▼

Price per gram(\$): 0.01

Printer hourly dep. cost(\$): 0.5

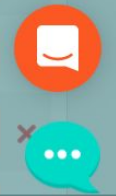
Pre/post processing flat fee(\$): 1

Material density(g/cm3): 1.38 (PE ▼)

Cheatsheet
The density of the material is necessary to determine the exact weight of the model and calculate material cost

Create g3drem build file for Dremel (use only if your printer firmware has 3DPrinterOS direct connectivity)

Back | Save as... | Save/Overwrite



	1248080 humidifier bigger v0_1246641_12466...	EDIT	me	Ready DREMEL3D45	6h 58m	\$18.89	08.04.2018 08:23	REPAIR	PREVIEW	PRINT	...	✕
	1248079 humidifier bigger v0_1246641_12466...	EDIT	me	Ready	1.80 MB		08.04.2018 08:23	REPAIR	LAYOUT	SLICE	...	✕
	1247023 humidifier bigger v0_1246641.g3dre...	EDIT	me	Ready DREMEL3D45	2h 1m	\$7.77	07.04.2018 18:52	REPAIR	PREVIEW	PRINT	...	✕
	1247011 humidifier bigger v0_1246641.g3dre...	EDIT	me	Ready DREMEL3D45	2h 1m	\$7.70	07.04.2018 18:49	REPAIR	PREVIEW	PRINT	...	✕
	1246644 humidifier bigger v0_1246641.g3dre...	EDIT	me	Ready DREMEL3D45	2h 39m	\$8.98	07.04.2018 11:10	REPAIR	PREVIEW	PRINT	...	✕

3d printer applications

7 Workgroup report

NB! As long as one printer could be connected to many workgroups at once, and users can potentially be connected to several workgroups sharing the same printer, please do not use information from this report for billing, otherwise be sure that you do not use same printer in multiple workgroups.

Show 10 ▼ entries

Search:

Workgroup name	Last Print Date/Time	Real Print Time (Σ,h)	Material Used (Σ,kg)	Prints (Σ)	Print Errors (Σ)	Material Cost (Σ,kg)
awesome group	2018-04-05 16:41:54	112.56	2.880	78	1	50.083
MaksymTest	2018-03-13 13:34:52	3.29	0.296	61	1	129.831
KCTCS	2016-04-22 16:03:34	11.51	0.105	15	1	
NJIT Lab	2016-04-22 16:03:34	6.49	0.036	13	1	
JEM	2016-04-22 15:34:47	332.16	4.732	52	18	
Creative Fab	2016-04-22 15:34:47	332.16	4.732	52	18	
B108	2016-04-18 15:39:03	3.96	0.040	4	0	
Pratt	2016-04-15 16:29:19	0.01		1	0	
testgroup	2016-03-28 16:45:15	0.96	0.007	28	8	
CAN PRINT VP TEST	2016-03-02 18:03:38	24.00		2	1	

Workgroup name Last Print Date/Time Real Print Time (Σ,h) Material Used (Σ,kg) Prints (Σ) Print Errors (Σ) Material Cost (Σ,kg)

File/Part inventory for your Organization

Create and search your organization-wide or department-wide part inventory



Search for 3d model

Search for 3d model

Search

Downloadable All

All files



Grave 17



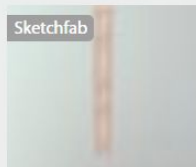
TrackMan Signature Cage
13 x 12



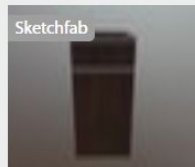
Jamnik



Uniforme Empedale



203:Biarritz-89550251-
89648720_



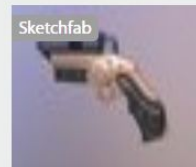
203:Biarritz-89549922-
89658492



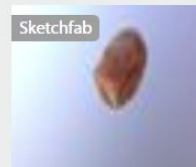
Sigmund Cube - AKA
Rubik



Bag



Pistol



Snail



Stretcher



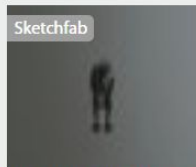
Steak



Tilia Tree 2 Meters in
Spring Season



203:Biarritz-89549964-
89664925



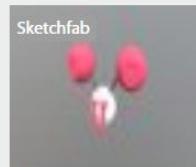
Tiger Bronze Sculpture



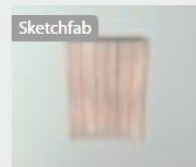
203:Biarritz-89550286-
89648720_1_still



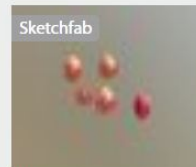
Glass Panels



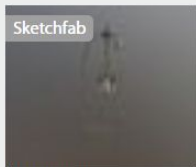
H2O



203:Biarritz-89550181-
89649476-89650855_



Iron



100:202923128



203:Biarritz-89550202-
89666654_



Hydrogen Gas



Sodium Acetate




Internal 3D printing pages

Promote 3D printing inside your organization, discuss your creations with colleagues. You and your colleagues can post images, videos, live 3D printing streams on Yammer-like your company internal 3D printing social network.

ENTERPRISE

Anton Vedeshin



Printers count
153

Prints count
907

Hours Printed
744h 49m



About me:

✉ anton@3dprinter.com





🏠 San Francisco, United States

Show off what you've made today!

[📺 Share Live Video](#) [📷 Add Media](#) [➦ Add post](#)

Drag & Drop STL, OBJ, CAD or any other 3D file to get a quote from this user.

Printers:

-  Witbox
-  Generic Marlin
-  Prusa i3
-  Ultimaker 2

 Anton Vedeshin
01:43 - 28.09.2015

What is a romantic evening 3DPrinterOS way? It's 3D printing an Eiffel Tower in the lights of sunset to test the integration of a new type of 3D printer ;))))



Your organization statistics

Check how much your department or your colleagues
print compared to other units

Overview

262d 3h

Hours Printed

7698

Prints

757

Printers

114.37

Material used (kg)

Accumulation map Heat Map



March 2018 TOP 10 Ranked users

	User	Hours Printed
1	Tisdale Andrew	1h 24m
2	Anton Vedeshin	1h 16m
3	Test Test	1h 14m
4	Test Test	42m
5	Vladimir Test	15m
6	Maxim Kozlov	11m
7	test test	8m

April 2018 TOP 10 Ranked users

	User	Hours Printed
1	Anton Vedeshin	6h 59m
2	Vladimir Test	1m
3	John Dogru	0m

TOP 10 Ranked users

	User	Hours Printed
1	Chris Craft	68d 14h 15m
2	Charles Driza	58d 1h 31m
3	Anton Vedeshin	31d 0h 43m
4	John Dogru	20d 16h 56m
5	Aaron Roy	18d 22h 1m
6	Anton Vedeshin	14d 19h 25m
7	Alex Panov	8d 8h 27m

TOP 10 Ranked printers

	Printer Type	Hours Printed
1	Makerbot Replicator 2	128d 4h 4m
2	Ultimaker 2	68d 0h 51m
3	BQ Prusa i3 Hephestos	13d 23h 29m
4	Airwolf AXIOM	9d 17h 47m
5	Virtual Printer	6d 22h 32m
6	LeapFrog Creatr HS	6d 11h 42m
7	Ultimaker 2 Extended	3d 18h 16m



- MY PRINTING HISTORY
- WORLD STATISTICS
- MY ORGANIZATION STATISTICS
- MY ORGANIZATION HISTORY

Overview

Show aggregated values only for filtered records

6291 Hours Printed	6789 Prints	0 Printing	224 In queue	685 Errors	114.37 Material used (kg)
------------------------------	-----------------------	----------------------	------------------------	----------------------	-------------------------------------

Filter / Recent Activity (from 05.04.2018)

- Last Week
- Last Month
- Last Year
- All
- Show Advanced filter ▾

Show 10 entries

Search:

Gif	Date / Time	Filename	Printer Name	Printed by	Settings	Cost	Filament	Estimate / real print time	Status	Detailed Logs
	12.04.2018 20:13	humidifier bigger v0_1246641.g3drem	Tallinn 1	anton@3dprinter.com	DREMEL3D45, ABS, 0.3	\$7.77	35.78g	2h 2m / unknown	In queue	Job ID: 420233, Printer ID: 42036
	12.04.2018 20:13	example_1241204_1241209_stlmagicfix.gcode	Axiom	anton@3dprinter.com	AIRWOLF_AXIOM, ABS, 0.2	\$3.04	0.24g	2m / unknown	In queue	Job ID: 420232, Printer ID: 39528
	09.04.2018 14:55	humidifier bigger v0_1246641.g3drem	Tallinn 1	anton@3dprinter.com	DREMEL3D45, ABS, 0.3	\$7.77	35.78g	2h 2m / 2h 11m	Finished	Job ID: 416167, Printer ID: 42036 RESTART
	08.04.2018 08:25	humidifier bigger v0_1246641.g3drem	Tallinn 1	anton@3dprinter.com	DREMEL3D45, ABS, 0.3	\$7.77	35.78g	2h 2m / 2h 10m	Finished	Job ID: 415498, Printer ID: 42036 RESTART
	07.04.2018 18:53	humidifier bigger v0_1246641.g3drem	Tallinn 1	anton@3dprinter.com	DREMEL3D45, ABS, 0.3	\$7.77	35.78g	2h 2m / 2h 10m	Finished	Job ID: 415179, Printer ID: 42036 RESTART
	12.04.2018 20:35	ClearStar2.g3drem	Tallinn 1	john@3dprinter.com	DREMEL3D45, PLA, 0.1	\$6.86	8.3g	1h 51m / 1m	Aborted	Job ID: 420266, Printer ID: 42036 RESTART



Add industrial AM machines

We support semi-automatic tracking of 650+ industrial AM machines, including 3D Printers, CNC mills, Laser jets, robotic arms.

ACTIVE PRINTERS | LIVEVIEW WALL

Register Dremel 3D40/45 | INSTALL | + MORE

Finished jobs stay here for 24 hours only, go to dashboard to see full history

PlayGround | os : N/A | mac : RND_06a7df1ec06a

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logs(click to see)
06.02.2018 17:47	Dyson_Vac-Bag_Adapter_1079016.stl	anton@3dprint					

ADD AN INDUSTRIAL 3D PRINTER / CNC MACHINE

3D Printer / CNC Type:

3D Printer / CNC host:

3D Printer / CNC Name:

ESTONIA | os : Raspberry Pi | mac : 0000000da206517 | Local IP: 192.168.1.100

Computer 7 | os : Raspberry Pi | mac : 000000079b15475 | Local IP: 192.168.88.31

Axiom Airwolf AXIOM	idle	AIRWOLF_AXIOM	Filament: 1000.00g	26.8 °C	26.5 °C	3 jobs	01:05:54			
---------------------	------	---------------	--------------------	---------	---------	--------	----------	--	--	--

Queue and track industrial AM

You can queue parts to the industrial AM machines, operator can track printing time, material, estimated printing time, etc.


ACTIVE PRINTERS

LIVEVIEW WALL

Register Dremel 3D40/45




 INSTALL

+ MORE




Finished jobs stay here for 24 hours only, go to [dashboard](#) to see full history 

PlayGround | os : N/A | mac : RND_06a7df1ec06a




ProJet 6000 3D Systems ProJet 6000 HD HD Industrial ProJet_6000_HD_HD_v 1 job LIVE VIEW SHARE TOOLS

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logs(click to see)	
 06.02.2018 17:47	 Dyson_Vac-Bag_Adapter_1079016.stl	anton@3dprinteros.com	NaNg	n/a	unknown / -	In progress	Job ID:368454, Printer ID:35792	 DOWNLOAD UPLOAD PAUSE CANCEL + MORE

Objet 260 Stratasys Objet260 Connex2 High quality Industrial Objet260_Connex2_High_quality_v 1 job LIVE VIEW SHARE TOOLS

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logs(click to see)	
 13.04.2018 19:23	 Part Studio 1.stl	anton@3dprinteros.com	NaNg	n/a	unknown / -	In queue	Job ID:421389, Printer ID:35791	 DOWNLOAD START CANCEL + MORE

ProJet 3510 3D Systems ProJet 3510 HDMax HD Industrial ProJet_3510_HDMax_HD_v 1 job LIVE VIEW SHARE TOOLS

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logs(click to see)	
 13.04.2018 19:23	 butterfly_nut_M5.stl	anton@3dprinteros.com	NaNg	n/a	unknown / -	In queue	Job ID:421391, Printer ID:35793	 DOWNLOAD START CANCEL + MORE

SLM500 SLM Solutions SLM 500 HL Industrial SLM_500_HL_v

8 jobs

LIVE VIEW

SHARE

TOOLS

Date / Time	Filename	Printed by	Filament	Cost	Estimate/ real print time	Status	Logs(click to see)						
12.08.2016 20:24	engine metal clamp - 23.32.stl	anton@3dprinteros.com	NaNg	n/a	unknown / -	In queue	Job ID:99783, Printer ID:36321			DOWNLOAD	START	CANCEL	+ MORE
09.08.2016 06:40	ipad_mini_case_By_DD098_268143.cmb.gz	anton@3dprinteros.com	NaNg	n/a	NaN:NaN / -	In queue	Job ID:99016, Printer ID:36321		DOWNLOAD	UPLOAD	START	CANCEL	+ MORE
05.08.2016 10:17	Ford Engine block - 40head.stl	anton@3dprinteros.com	NaNg	n/a	unknown / -	In queue	Job ID:98461, Printer ID:36321		DOWNLOAD	UPLOAD	START	CANCEL	+ MORE
05.08.2016 10:17	Turbine - Cowl.stl	anton@3dprinteros.com	NaNg	n/a	unknown / -	In queue	Job ID:98465, Printer ID:36321		DOWNLOAD	UPLOAD	START	CANCEL	+ MORE
05.08.2016 10:17	Turbine - RearExhaustCone.stl	anton@3dprinteros.com	NaNg	n/a	unknown / -	In queue	Job ID:98463, Printer ID:36321		DOWNLOAD	UPLOAD	START	CANCEL	+ MORE
05.08.2016 10:17	Turbine - NewShaft.stl	anton@3dprinteros.com	NaNg	n/a	unknown / -	In queue	Job ID:98462, Printer ID:36321		DOWNLOAD	UPLOAD	START	CANCEL	+ MORE
05.08.2016 10:17	Turbine - NewStand.stl	anton@3dprinteros.com	NaNg	n/a	unknown / -	In queue	Job ID:98464, Printer ID:36321		DOWNLOAD	UPLOAD	START	CANCEL	+ MORE
07.06.2016 16:41	Engine_Assembly_Higher_pressure_TP_full_V1.1.stl	anton@3dprinteros.com	NaNg	n/a	unknown / -	In queue	Job ID:86652, Printer ID:36321		DOWNLOAD	UPLOAD	START	CANCEL	+ MORE

CLOUD CLIENT

CAD PLUGINS

ULTIMAKER 3

MAKERBOT

Enterprises please download STABLE version below. Others please also remember stable version updates only to stable, development version only to development. Stable is updated once per 2-5 months, development once per 1-2 weeks.

↓ VERSION 6.0.14 **DEVELOPMENT** (2+ weeks of testing)

MARCH 29, 2018 ^



WINDOWS INSTALLER

Windows 7, 8, 8.1, 10



APPLE DISK IMAGE

Mac OS X 10.10.2+
[Please read](#)



.deb PACKAGE

Ubuntu 14.04+



REQUEST RASPBERRY PI
IMAGE

Raspberry Pi 1B, 1B+, 2B, 3B



GENERIC RASPBERRY PI
IMAGE

Instructions Raspberry Pi 1B, 1B+, 2B, 3B
[Instructions](#)



ZIP ARCHIVE

[Installation guide](#)

Release notes and bug fixes

6.0.14

File transfer USB endpoint autodetection was added to pyusb_connection (for new FlashForge printers)
Fix problem with old makerbot_sender (remove .pyc file)
Fix download percents for dremel_sender (2 stages: download from cloud and upload to printer)
[Some fixes in smoothie_sender](#)

+ Read full release notes

↓ VERSION 5.9.11 **STABLE** (1000 s of hours of testing)

JUNE 13, 2016 ^

Joystick

Calibrate the printer using the joystick feature

JOYSTICK



Jog



Extruders



Restart printer

X: 0
Y: 0

Z: 0
E: 0

Extruder: 27
Heatbed: 22



Close

Movement speed settings



Speed XY
mm/s

2000



Speed Z
mm/s

300



Home X

-X

100
10
1
0.1

+Y



Home Y

+X

+Z

100
10
1
0.1

-100
-10
-1
-0.1



0.1
1
10
100



Home ALL



-0.1
-1
-10
-100

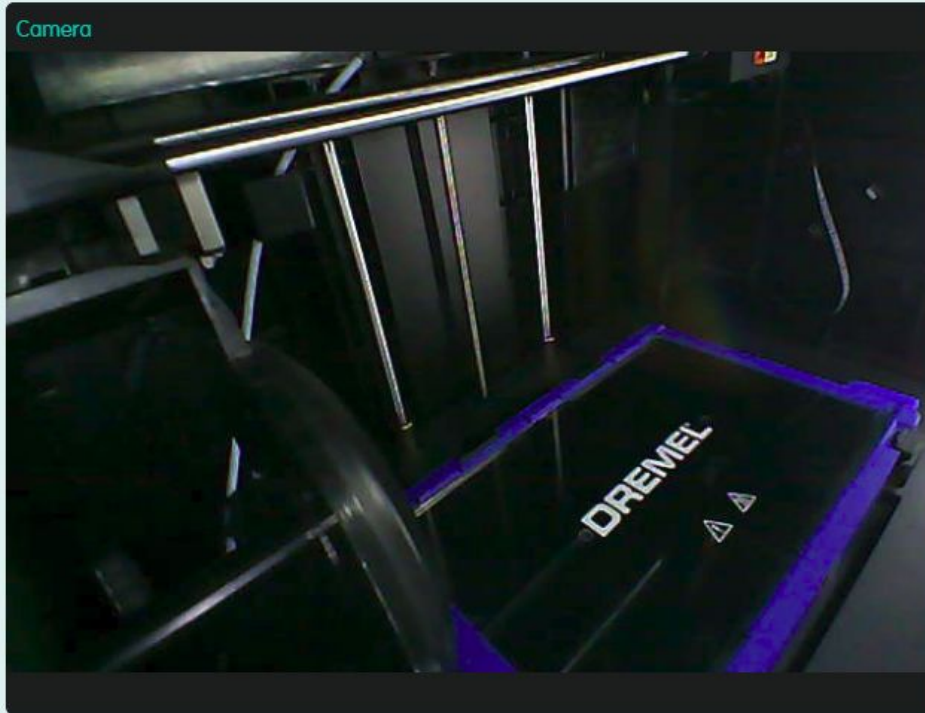
-Y

Home Z



-Z

-0.1
-1
-10
-100



NB! If you use joystick and it works incorrectly, please contact [support](#).

CAD plugins

Directly print from the best CAD softwares out there



Siemens SolidEdge plugin

[DOWNLOAD WINDOWS INSTALLER](#)

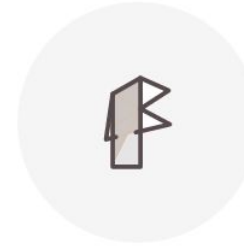
Windows 7, 8, 8.1, 10



Dassault Systemes SolidWorks plugin

[DOWNLOAD WINDOWS INSTALLER](#)

Windows 7, 8, 8.1, 10



Autodesk Fusion 360 plugin

[DOWNLOAD WINDOWS INSTALLER](#)

Windows 7, 8, 8.1, 10



Autodesk Inventor 2017

[DOWNLOAD WINDOWS INSTALLER](#)

Windows 7, 8, 8.1, 10



Rhinoceros 5

[DOWNLOAD WINDOWS INSTALLER](#)

Windows 7, 8, 8.1, 10



ANSYS SpaceClaim

[DOWNLOAD WINDOWS INSTALLER](#)

Windows 7, 8, 8.1, 10



Dassault Systemes' CATIA

[DOWNLOAD WINDOWS INSTALLER](#)

Windows 7, 8, 8.1, 10
[Installation guide](#)



Plugin for Cura

[DOWNLOAD PLUGIN ARCHIVE](#)

Windows, Linux, Mac
[Installation guide](#)

Workgroup management

Create and manage printer and user workgroups

- WORKGROUPS ACCESS
- WORKGROUP PRINTERS
- REPORTS
- USERS
- ADMINS
- WORKFLOW MANAGEMENT
- SETTINGS

 New workgroups access

ID	Name	Student Access code	Users	Printers	Access Rights	Actions		
214	3DMart Ltd.	3dmartaccess	1	0	Can queue	EDIT	DELETE	MANAGE USERS
122	3DP Lab	3dplabs	1	2	Can queue	EDIT	DELETE	MANAGE USERS
418	3DPrinterOS LAB	XQq8zfys	0	0	Can print	EDIT	DELETE	MANAGE USERS
185	3D Printing 101	Dallas	0	2	Can queue	EDIT	DELETE	MANAGE USERS
42	3dprintlife	test1	1	0	Can queue	EDIT	DELETE	MANAGE USERS
56	Alfred State	AlfredState	1	2	Can print	EDIT	DELETE	MANAGE USERS
97	American 3D Printer	american	2	2	Can print	EDIT	DELETE	MANAGE USERS
300	ANTON_TEST	ANTON	1	0	Can print	EDIT	DELETE	MANAGE USERS
574	autotests	C9SZtaFN	3	0	Can print	EDIT	DELETE	MANAGE USERS
416	awesome group	super	0	1	Can print	EDIT	DELETE	MANAGE USERS
49	B108	man	2	1	Can queue	EDIT	DELETE	MANAGE USERS
462	Beginners	test12342	2	1	Can queue	EDIT	DELETE	MANAGE USERS
58	BUG	BUG	2	1	Can queue	EDIT	DELETE	MANAGE USERS
211	CAN PRINT VP TEST	lho7DN9c	2	1	Can print	EDIT	DELETE	MANAGE USERS



Sort by: Printer_id ▼

Name / Printer type	Info	Edit
Undefined printer name / Makerbot Replicator 2	Host:0xed8e56370a74L Email:charles@3dprinteros.com State:offline	EDIT GROUPS DELETE
New York Makerbot - PC / Makerbot Replicator 2	Host:0xed8e56370a74L Email:aaron@3dprinteros.com State:offline	EDIT GROUPS DELETE
New York Ultimaker - PC / Ultimaker 2	Host:0xed8e56370a74L Email:aaron@3dprinteros.com State:offline	EDIT GROUPS DELETE
Ultimaker 2 - New York - PC / Ultimaker 2	Host:0x9156716b3c5aL Email:aaron@3dprinteros.com State:offline	EDIT GROUPS DELETE
NYC Ultimaker 2 - PC / Ultimaker 2	Host:0x9156716b3c5aL Email:charles@3dprinteros.com State:offline	EDIT GROUPS DELETE
MakerBotNYC- PC / Makerbot Replicator 2	Host:0x9156716b3c5aL Email:charles@3dprinteros.com State:offline	EDIT GROUPS DELETE
Ultimaker Mac- NYC / Ultimaker 2	Host:0xc4de9d2650a Email:charles@3dprinteros.com State:offline	EDIT GROUPS DELETE
MACmakerbot-NYC / Makerbot Replicator 2	Host:0xc4de9d2650a Email:charles@3dprinteros.com State:offline	EDIT GROUPS DELETE



Detailed reports

Reports and data export to other systems

1 User Report

Show 10 entries

Search:

Account	Last Print Date/Time	Real Print Time (Σ,h)	Material Used (Σ,kg)	Prints (Σ)	Print Errors (Σ)	Material Cost (Σ,\$)
john@3dprinter.com	2018-04-12 20:35:52	496.57	12.232	442	33	145.902
anton@3dprinter.com	2018-04-12 20:15:05	720.39	26.225	1003	107	144.321
vladimir.d@3dprinter.com	2018-04-02 07:12:44	42.62	0.663	199	5	2156.378
3dprinterostest@gmail.com	2018-03-29 13:14:20	14.94	0.371	2670	8	10506.128
vladimirtest@3dprinter.com	2018-03-27 13:26:33	3.22	0.391	236	0	3782.289
v.u.dembovskiy@gmail.com	2018-03-13 19:41:00	12.26	0.358	34	2	4127.724
m.kozlov@3dprinter.com	2018-03-13 13:34:52	27.96	0.438	82	3	196.116
cleatus_cobb@yahoo.com	2018-03-12 17:10:51	80.31	1.399	39	4	0.000
vladimir.d+11@3dprinter.com	2018-03-01 16:28:15	0.14	0.001	13	0	18.300
vladimir.d+26@3dprinter.com	2018-03-01 12:14:26	0.05	0.000	1	0	0.000

Account Search Last Print Date/Time Search Real Print Time (Σ,h) Search Material Used (Σ,kg) Search Prints (Σ) Search Print Errors (Σ) Search Material Cost (Σ,\$) Search

Showing 1 to 10 of 73 entries

Previous 1 2 3 4 5 ... 8 Next

2 Printer Report

Show 10 entries



Search:

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
Processing...														



2 Printer Report

Show entries



 Search:

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
42036		Tallinn 1	Dremel 3D45 Idea Builder	apv1_v3.0_S02.01.10	online	idle	anton@3dprinteros.com	2018-04-12 20:35:52	24.46	0.278	41	0	108.143	
39528	27B1:0001:74037343336351107290	Axiom	Airwolf AXIOM	6.0.14	online	idle	anton@3dprinteros.com	2018-04-05 16:41:54	112.56	2.880	78	1	50.083	0000000079b15475
42357	ZZZZ:ZZZZ:0	Vladimir D TEST1	Virtual Printer	6.0.14	offline	offline	vladimir.d@3dprinteros.com	2018-04-02 07:12:44	24.07	1.024	256	5	8249.316	0x704d7b2d46cfl
43010	ZZZZ:ZZZZ:0	Autotest	Virtual Printer	6.0.14	offline	offline	3dprinterostest@gmail.com	2018-03-29 13:14:20	15.83	0.570	2715	8	13835.852	0x704d7b2d46cfl
44716	ZZZZ:ZZZZ:0	Vladimir Test	Virtual Printer	6.0.10	offline	offline	3dprinterostest@gmail.com	2018-03-27 13:29:58	0.00	0.010	129	0	171.918	0x0800274af5a7L
45781	2A89:888D:0	Undefined printer name	Dremel 3D45 Idea Builder	6.0.14	offline	offline	vladimir.d@3dprinteros.com	2018-03-20 13:17:53	0.20	0.001	4	0	9.300	
35376	ZZZZ:ZZZZ:0	VPrinter	Virtual Printer	6.0.14	offline	offline	m.kozlov@3dprinteros.com	2018-03-13 13:34:52	3.29	0.296	61	1	129.831	0xe0b9a51a76c5L
45991	2A89:888D:	Undefined printer name	Dremel 3D45 Idea Builder	6.0.14	offline	offline	m.kozlov@3dprinteros.com	2018-03-13 13:13:02	0.07	0.108	3	0	44.577	
40181	2341:0010:	U2 Extended+	Ultimaker 2 Extended	6.0.8	offline	offline	john@3dprinteros.com	2018-03-12 17:10:51	85.16	2.009	47	5	72.276	00000000ef0a8c2
43139	virt:virt:59d613ffcaf89	Test 86	Dremel 3D45 Idea Builder	unknown	offline	offline	3dprinterostest@gmail.com	2018-03-09 05:37:22	0.01	0.035	31	0	10.026	RND_aaaae13b84bf

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
<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>

Showing 1 to 10 of 360 entries

3 Usage/Audit Report

Show entries



Search:


Job ID	Date/Time	File Name	Printer ID	Email	Material Used (kg)	Real print time (h)	Estimated print time (h)	Status	Material Cost (\$)
420266	2018-04-12 20:35:52	ClearStar2.g3drem	42036	john@3dprinteros.com	0.002	0.01	1.85	Aborted	2.058
420235	2018-04-12 20:15:05	humidifier bigger v0_1246641.g3drem	42036	anton@3dprinteros.com	0.011	0.03	2.03	Aborted	2.331
416167	2018-04-09 14:55:36	humidifier bigger v0_1246641.g3drem	42036	anton@3dprinteros.com	0.036	2.17	2.03	Finished	7.770
415498	2018-04-08 08:25:18	humidifier bigger v0_1246641.g3drem	42036	anton@3dprinteros.com	0.036	2.17	2.03	Finished	7.770
415179	2018-04-07 18:53:47	humidifier bigger v0_1246641.g3drem	42036	anton@3dprinteros.com	0.036	2.16	2.03	Finished	7.770
415024	2018-04-07 11:14:52	humidifier bigger v0_1246641.g3drem	42036	anton@3dprinteros.com	0.010	0.45	2.66	Aborted	2.694
413488	2018-04-05 16:41:54	example_1241204_1241209_stlmagicfix.gcode	39528	anton@3dprinteros.com	0.000	0.00	0.02	Aborted	0.912
410115	2018-04-02 07:12:44	@@@_1230458_1230459_stlmagicfix.gcode	42357	vladimir.d@3dprinteros.com	0.001	0.03	0.39	Aborted	1.146
407874	2018-03-29 13:14:20	micro_sim_adapter.gcode	43010	3dprinterostest@gmail.com	0.000	0.00	0.03	Aborted	0.915
407849	2018-03-29 12:27:45	micro_sim_adapter.gcode	43010	3dprinterostest@gmail.com	0.000	0.00	0.03	Aborted	0.915

Job ID	Date/Time	File Name	Printer ID	Email	Material Used (kg)	Real print time (h)	Estimated print time (h)	Status	Material Cost (\$)
<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>

Showing 1 to 10 of 7,454 entries

4 Billing

Show 10 entries



 Search:

Account	Year-Month	Real Print Time (Σ,h)	Estimated Print Time (Σ,h)	Material Used (Σ,kg)	Prints (Σ)	Material Cost (Σ,\$)
anton@3dprinteros.com	2018-04	6.99	10.78	0.128	6	29.247
vladimir.d@3dprinteros.com	2018-04	0.03	0.39	0.001	1	1.146
john@3dprinteros.com	2018-04	0.01	1.85	0.002	1	2.058
v.u.dembovskiy@gmail.com	2018-03	0.07	0.81	0.002	1	1.422
3dprintertest@gmail.com	2018-03	1.24	17.30	0.037	640	690.283
vladimir.d@3dprinteros.com	2018-03	0.25	0.33	0.001	10	27.516
anton@3dprinteros.com	2018-03	1.27	2.24	0.013	4	10.510
vladimir.d+11@3dprinteros.com	2018-03	0.14	0.33	0.001	13	18.300
cleatus_cobb@yahoo.com	2018-03	1.40	2.63	0.034	6	0.000
vladimirtest@3dprinteros.com	2018-03	0.70	103.98	0.206	174	3047.580

Account	Year-Month	Real Print Time (Σ,h)	Estimated Print Time (Σ,h)	Material Used (Σ,kg)	Prints (Σ)	Material Cost (Σ,\$)
<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>

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5 List Of Users in Organisation

Show 10 entries

  Search:

Account	Workgroup ID	Workgroup Name	Admin Account
12345678906@ukr.net	499	Test Group	no
3dprinterostest@gmail.com	574	autotests	yes
aaron@3dprinteros.com	92	Voxel	yes
aaron@3dprinteros.com	66	creativetools	yes
aaron@3dprinteros.com	40	test3duniverse	yes
aaron@3dprinteros.com	64	dynamism	yes
aaron@3dprinteros.com	46	creativetools	yes
aaron@3dprinteros.com	54	turkeytest	yes
aaron@3dprinteros.com	39	florida state	yes
aaron@3dprinteros.com	62	peabodytets	yes

Account

Workgroup ID

Workgroup Name

Admin Account

Showing 1 to 10 of 107 entries

Previous **1** 2 3 4 5 ... 11 Next

6 Job cancel reasons report

Show entries

  Search:

Job ID	Printer Name	Printer Type	Client Version	File ID	Print Date/Time	Account email	Cancel reasons	Cancel details
395701	U2 Extended+	Ultimaker 2 Extended	6.0.8	1179481	2018-03-12 16:45:57	cleatus_cobb@yahoo.com	- 3D printer hardware issues: Nozzle clogged.	
395672	U2 Extended+	Ultimaker 2 Extended	6.0.8	1179392	2018-03-12 16:19:30	cleatus_cobb@yahoo.com	- 3D printer hardware issues: Nozzle clogged.	
388435	Tallinn 1	Dremel 3D45 Idea Builder	apv1_v3.0_502.01.10	1155922	2018-03-03 08:56:06	anton@3dprinteros.com	- Design file / job issues: Don't need this print anymore.	
376273	U2 Extended+	Ultimaker 2 Extended	6.0.8	1112770	2018-02-16 05:57:50	cleatus_cobb@yahoo.com	- 3D printer hardware issues: First layer not sticking, Mechanical part malfunction; - Slicer issues: Bad quality slicing.	print shifted ~1 cm toward rear of printer
376265	U2 Extended+	Ultimaker 2 Extended	6.0.8	1112730	2018-02-16 05:30:46	cleatus_cobb@yahoo.com	- 3D printer hardware issues: First layer not sticking.	forgot to level it...
376262	U2 Extended+	Ultimaker 2 Extended	6.0.8	1112730	2018-02-16 05:14:27	cleatus_cobb@yahoo.com	- 3D printer hardware issues: First layer not sticking.	didn't stick, going to relevel and clean print bed and try again
376260	U2 Extended+	Ultimaker 2 Extended	6.0.8	1112730	2018-02-16 05:01:04	cleatus_cobb@yahoo.com	- 3D printer hardware issues: First layer not sticking.	
375211	U2 Extended+	Ultimaker 2 Extended	6.0.8	1109557	2018-02-15 04:51:21	cleatus_cobb@yahoo.com	- 3D printer hardware issues: First layer not sticking; - Slicer issues: Bad quality slicing.	
372284	U2 Extended+	Ultimaker 2 Extended	6.0.8	1099309	2018-02-12 01:26:33	cleatus_cobb@yahoo.com	- 3D printer hardware issues: First layer not sticking.	warping
372283	U2 Extended+	Ultimaker 2 Extended	6.0.8	1099305	2018-02-12 01:20:49	cleatus_cobb@yahoo.com	- Design file / job issues: Don't need this print anymore.	

Job ID	Printer Name	Printer Type	Client Version	File ID	Print Date/Time	Account email	Cancel reasons	Cancel details
<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>

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7 Workgroup report

NB! As long as one printer could be connected to many workgroups at once, and users can potentially be connected to several workgroups sharing the same printer, please do not use information from this report for billing, otherwise be sure that you do not use same printer in multiple workgroups.

Show entries



 Search:

Workgroup name	Last Print Date/Time	Real Print Time (Σ,h)	Material Used (Σ,kg)	Prints (Σ)	Print Errors (Σ)	Material Cost (Σ,kg)
awesome group	2018-04-05 16:41:54	112.56	2.880	78	1	50.083
MaksymTest	2018-03-13 13:34:52	3.29	0.296	61	1	129.831
KCTCS	2016-04-22 16:03:34	11.51	0.105	15	1	
NJIT Lab	2016-04-22 16:03:34	6.49	0.036	13	1	
JEM	2016-04-22 15:34:47	332.16	4.732	52	18	
Creative Fab	2016-04-22 15:34:47	332.16	4.732	52	18	
B108	2016-04-18 15:39:03	3.96	0.040	4	0	
Pratt	2016-04-15 16:29:19	0.01		1	0	
testgroup	2016-03-28 16:45:15	0.96	0.007	28	8	
CAN PRINT VP TEST	2016-03-02 18:03:38	24.00		2	1	

Workgroup name	Last Print Date/Time	Real Print Time (Σ,h)	Material Used (Σ,kg)	Prints (Σ)	Print Errors (Σ)	Material Cost (Σ,kg)
<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>

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User and quota management

Manage your organization users, printers, monthly quota and access

WORKGROUPS ACCESS

WORKGROUP PRINTERS

REPORTS

USERS

ADMINS

WORKFLOW MANAGEMENT

SETTINGS

 New workgroups access

ID	Email	Name	Month Quota	Balance	Advanced	Banned	
10560	taavikikas@gmail.com	Taavi Kikas	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
21824	aaron@3dprinteros.com	Aaron Roy	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
21928	m.kozlov@itbsg.eu	Kozlov Maksym	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
22035	oscar@3dprinteros.com	Rene-Oscar Ariko	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
22053	charles@3dprinteros.com	Charles Driza	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
30023	john@3dprinteros.com	John Dogru	50		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
30048	anton@3dprinteros.com	Anton Vedeshin	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
30092	taavi@3dprinteros.com	Taavi Kikas	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
30285	unactivated__ZWlrby5wcnVrc0BrbGlpbmlrdW0uZWU2MDE5OTl_@3dprinteros.com	#### ####	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
31186	unactivated__a2FybEAzZHByaW50ZXJvcy5jb20xOTEyNzL_@3dprinteros.com	#### ####	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
31779	m.kozlov@3dprinteros.com	Maxim Kozlov	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
32323	shane.evans36@gmail.com	Shane Evans	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
32332	sevans@frhsd.com	Shane Evans	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT
33588	mirovskvi@gmail.com	Aleksey Mirovskvi	0		<input type="checkbox"/>	<input type="checkbox"/>	EDIT


























Organization Admins

These are the users who can manage printers and change organizational settings

- WORKGROUPS ACCESS
- WORKGROUP PRINTERS
- REPORTS
- USERS
- ADMINS
- WORKFLOW MANAGEMENT
- SETTINGS

 New workgroups access

ID	Name	Delete
114144	vladimirtest@3dprinter.com	
30048	anton@3dprinter.com	
21824	aaron@3dprinter.com	
22053	charles@3dprinter.com	
33689	brooklyndesks@3dprinter.com	
30023	john@3dprinter.com	
33907	noah@3dprinter.com	
10560	taavikikas@gmail.com	
34160	crafty184@gmail.com	
34749	aingelid@eng.umd.edu	
30092	taavi@3dprinter.com	
32332	sevans@frhsd.com	
34768	mybigfatgreekpaddles@gmail.com	
22035	oscar@3dprinter.com	
37777	anton.vedeshin@gmail.com	
31779	m.kozlov@3dprinter.com	
38657	artem@3dmart.com.tw	
33588	mirovskiy@gmail.com	
37228	vitaly@3dprinter.com	
54529	support@3dprinter.com	
54801	alex@3dprinter.com	
113373	vladimir.d@3dprinter.com	
115566	3dprinterostest@gmail.com	



Manufacturing Workflows

Create and manage your manufacturing workflows



WORKGROUPS ACCESS

WORKGROUP PRINTERS

REPORTS

USERS

ADMINS






WORKFLOW MANAGEMENT

SETTINGS



New workgroups access

+ Add new workflow

ID	Workflow types	Steps	Used	Action
49	Print and CNC	4	2	 
19	Metal part 2	6	2	 
17	Metal Part	8	12	 
8	Metal Outsourced Part	1	8	 
3	Metal Outsourced Part 2	8	4	 
1	Default workflow	10	2984	 

WORKGROUPS ACCESS

WORKGROUP PRINTERS

New workgroups access

VIRTUAL FACTORY WORKFLOW EDITOR

Workflow name:

Manufacturing steps:

Step Name:

Step Type:

Effort Field(h)
 Time Field(h)
 Material Field(g)
 Tracking Number

Color: Icon:

>

Step Name:

Step Type:

Effort Field(h)
 Time Field(h)
 Material Field(g)
 Tracking Number

Color: Icon:

Ok

Cancel

ID
49
19
17
8
3
1

Used	Action
2	
2	
12	
8	
4	
2984	

+ Add new workflow



MANUFACTURING PROCESS MANAGEMENT



Project status and time reporting

Project notes

Approval	Check STL and Fix	Create a Build File	3D Print
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Effort <input type="text" value="2"/>	Effort <input type="text" value="1"/>	
Printing Finished	Sanding after print	Polishing	Shipping
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Time <input type="text" value="3.5"/>	Effort <input type="text" value="1"/>	Effort <input type="text" value="0"/>	Tracking # <input type="text"/>
Material (g): <input type="text" value="38"/>			

Add Note

Ok

Cancel

Tracking

Tracking

able Status

Status Tra

Tracking

Tracking

able Status

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tatus Track

Status M

king

MANUFACTURING PROCESS MANAGEMENT

Project status and time reporting

Project notes

add notes

Anton Vedeshin 13.04.2018 19:23

Printing was started

Anton Vedeshin 06.02.2018 17:53

ok, will print by the next Monday

Ok

Cancel

Organization wide settings

Restrict access to certain features

- WORKGROUPS ACCESS
- WORKGROUP PRINTERS
- REPORTS
- USERS
- ADMINS
- WORKFLOW MANAGEMENT
- SETTINGS

 New workgroups access

Enable automatic printer sharing through workgroup in case of SSO registration:

Test Group  

Settings for your organization:

- Disable 3DPrinterOS default slicing settings for your organisation.
- Disable opportunity to create and edit slicing profiles for non-admin users (price, temperature and speed parameters in Cloud Slicer will be disabled for non-admin users too).
- Hide Advanced tab in Cloud Slicer for non-admin users.
- Hide Expert tab in Cloud Slicer for non-admin users.
- Archive completed jobs.
- Disable printing until confirm build tray is empty.



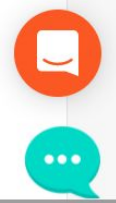
Monthly printing quota (0 - infinity):



Default pricing:

Price per gram	<input type="text" value="0.02"/>
Printer hourly dep. cost	<input type="text" value="2"/>
Pre/post processing flat fee	<input type="text" value="3"/>





And more...