



Staff: Nexa3D XiP Workflow

Written By: Benjamin Gerald Hroblak

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ing

Terrapin Works ▾

+ New Order

?


Search ...

Select product ... ▾

Pending customer 18

Pending technician 4

Preprocessing 16




#0691

Jul 21, 2023

Flight controller

Victoria Rose Britcher




#1720

Dec 11, 2023

[Design Team] - [QUOTE] ...

Zachary Cooper Friedman-Hill




#1880

Jan 26, 2024

Microneedle mold

Peihua Ma




#1942

Jan 31, 2024

cutting tabs out of poplar...

Gabriel Sebastian Mojica




#1761

Feb 1, 2024

Steel plate cut


Qian Zhang



#1822

Feb 1, 2024

Fundus Insert Thompson ...




#2003

Feb 7, 2024

Dielectric Moulds

Noah Hoppis




#1907

Feb 9, 2024

Aluminum mold

Zack Arking




#2054

Feb 13, 2024

full_3D printable_of

Emanuel Graciano Gancayco




#1819

Feb 14, 2024

Hole and Slot Machining fo...

Arka Bera

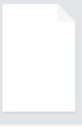


#2012

Feb 12, 2024

Ticket #66414097 Burial ...

Rocco Joseph Panza




#2059

Feb 13, 2024

BIOE Capstone Group 19 ...

Lucas Dillon Frankle




#2039

Feb 14, 2024

XFoundry Additional Key...

Evan Hutzell




#1605

Feb 23, 2024

TigerVac Bolt (DMS Test)

Anton Brian Preslopsky




#1991

Mar 29, 2024

Mayflower

Jim Antonisse



#1857

May 2, 2025

Lightsaber

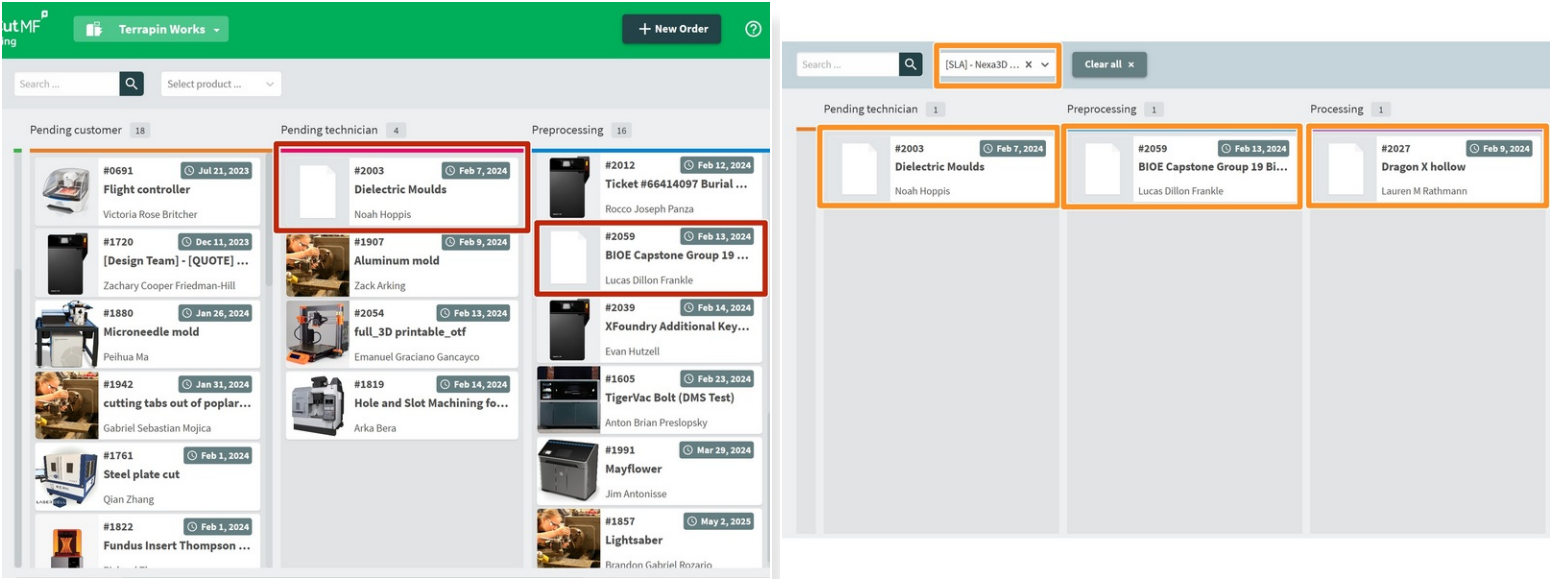
Brandon Gabriel Rozario

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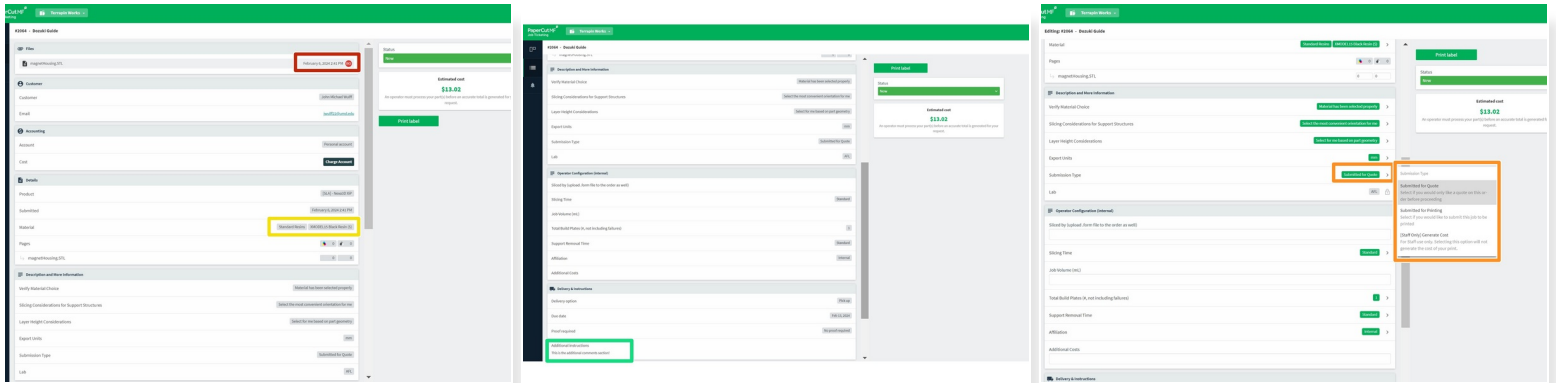
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Step 1 — Papercut Orders



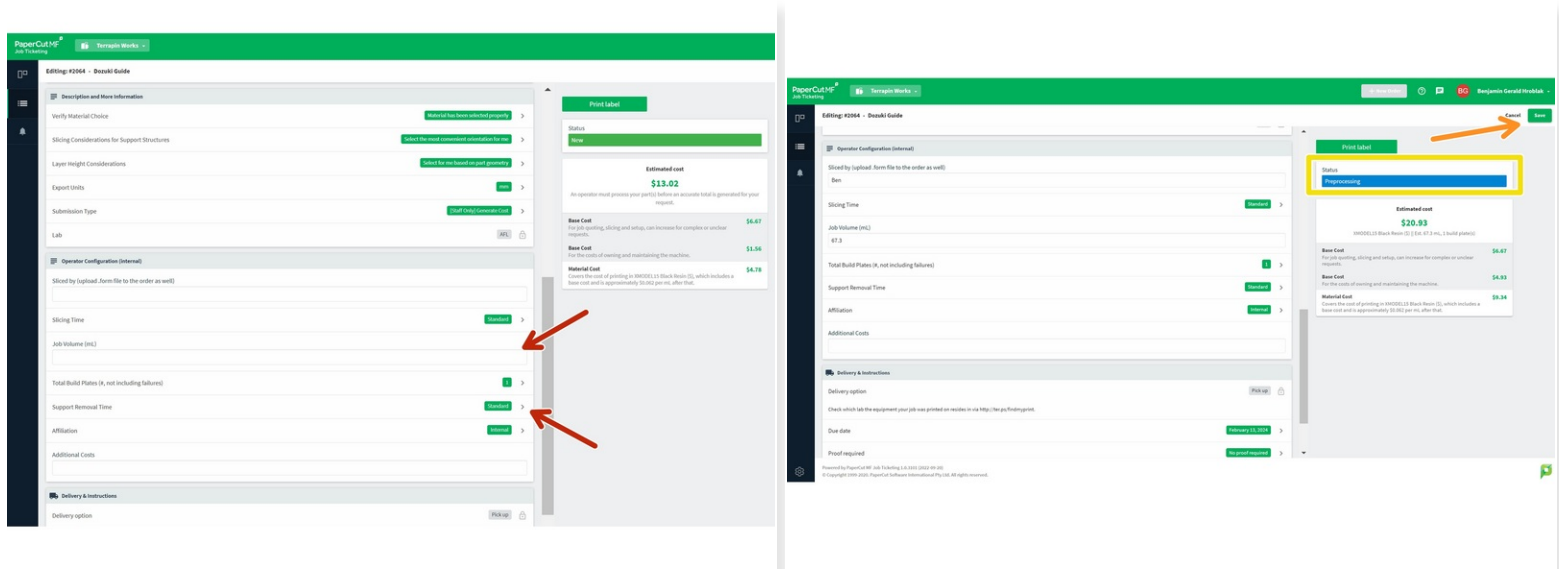
- Nexa3D XiP orders will appear on the Kanban as blank images.
- ❗ We are working to add an image of the machine but it may take a while.
- To sort through machines quickly, filter the requests to only see Nexa3D XiP jobs.

Step 2 — Retrieve Useful Information



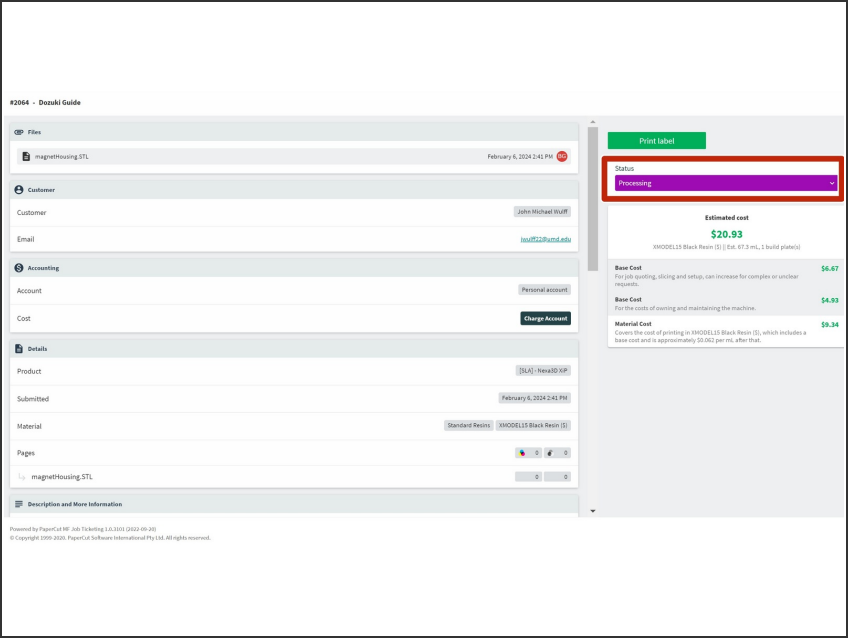
- Download the attached .stl file by hovering over the date.
 - ☑ We only accept .stl files for this machine- if necessary send a message in PaperCut asking for the correct format.
- You'll want to make note of the material, material color, and resolution if the customer asked for it.
 - ☑ Inform the customer via PaperCut if we do not have their requested color and ask if they will accept an alternative.
 - ☑ Let a LC know we are out of stock.
- Note any additional instructions- this section often includes details of relevant dimensions or requests for specific print settings
 - ☑ If the printer cannot accommodate any of the customer's requests, send them a message in PaperCut.
- Change submission type to "[Staff Only] Generate Cost" and add your name to the "Assignee" section so that if there are any issues with the print other technicians can find you and fix the problem.

Step 3 — Job Management During Slicing/Quoting



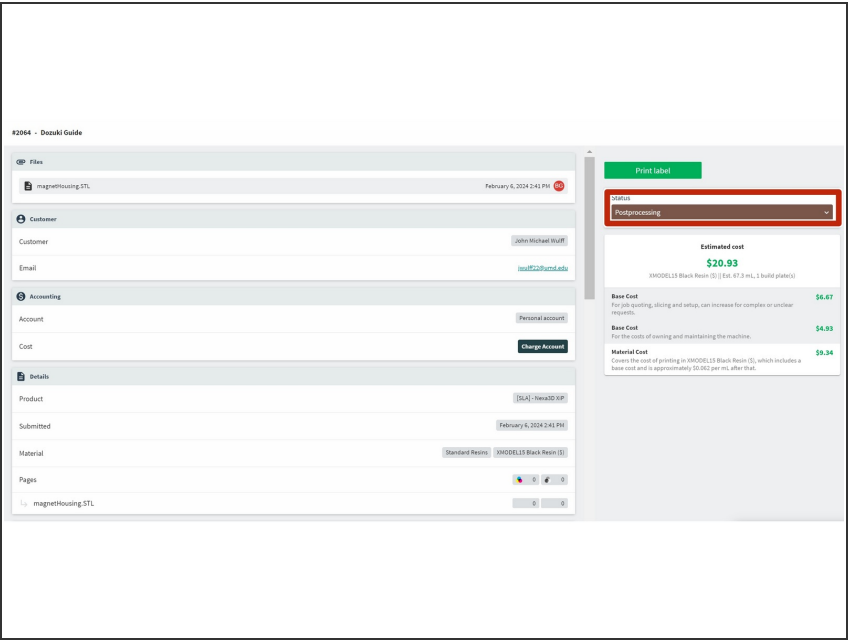
- Slice the part in NexaX and save the .NXA locally.
- To add the sliced file and print mass, edit the request
- Click the attach button, then upload the .NXA file.
 - ① Uploading the .NXA file to PaperCut is required to avoid reslicing parts.
 - ① Make sure the name is professional, typically use the format [PaperCut #] - [stlfilename].form
- Add the Build Mass Estimate, Export units, # of Build Plates, and select the appropriate Support Removal Time.
- Click Save on the top right of the request.
- Change the request status to Ready to Print

Step 4 — Job Management for Printing



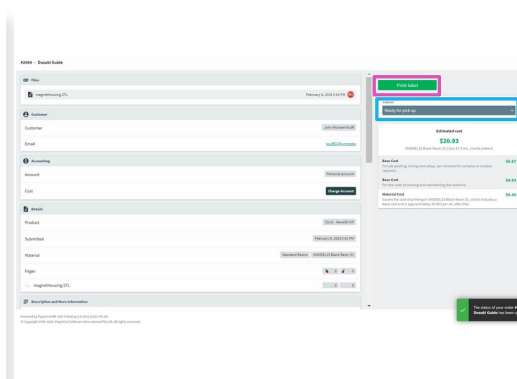
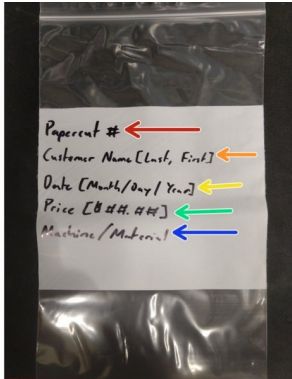
- Update PaperCut to "Processing" once the print is on the printer.
- Make an internal note on PaperCut of what printer the job was started on.
- ⚠ If any aspect of the job fails notify the customer immediately and make an internal note of what happened.

Step 5 — Job Management for Post-Processing



- Change the job order to "Post Processing" once the print is done on the Nexa3D XiP and ready for the Wash+Cure

Step 6 — Job Management for Harvesting II



- Once the print is done curing and the supports are removed, place the model in a bag with the following information...
 - PaperCut Number
 - Customer Name {Last, First}
 - Date
 - Price
 - Machine/ Material
- If you have the TW Extension installed, pressing the "Print Label" button will produce this same information
- Update the PaperCut status to "Ready for pick-up" once the bag is placed in the correct bin in the AFL