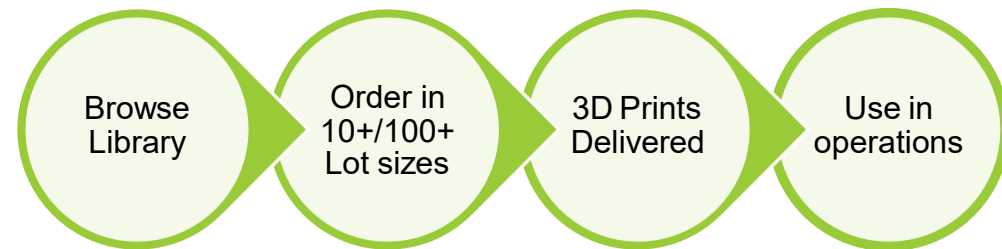
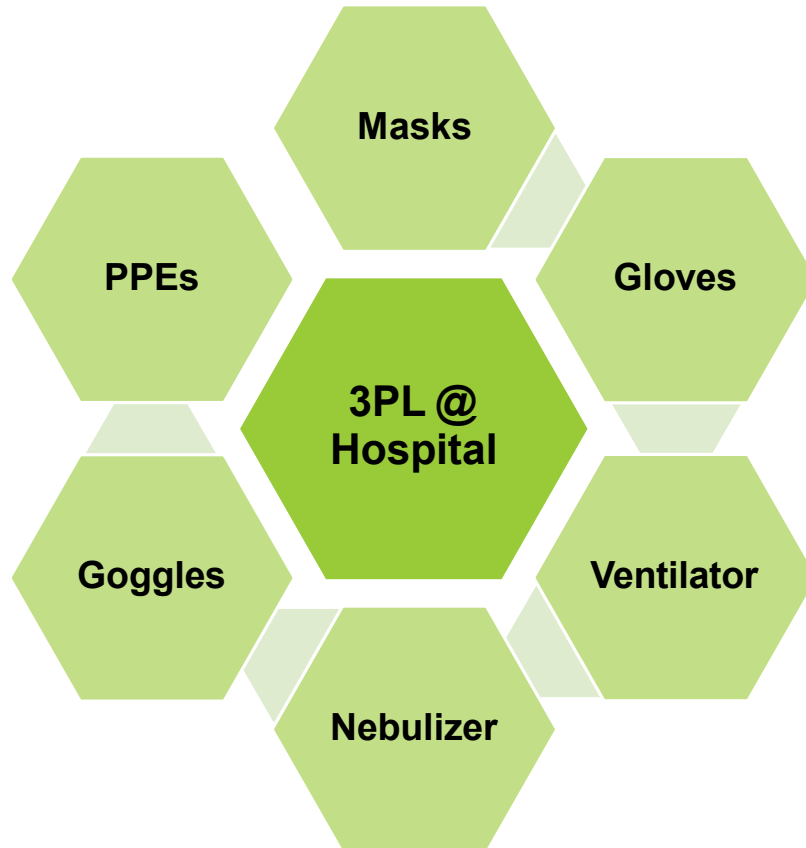


Greenojō's 3D Prints Library (3PL) for Hospitals/Service Providers

3D Prints Library to combat Covid19

3D Prints Library (3PL) for Medical Devices

Browse → Order → Print → Use



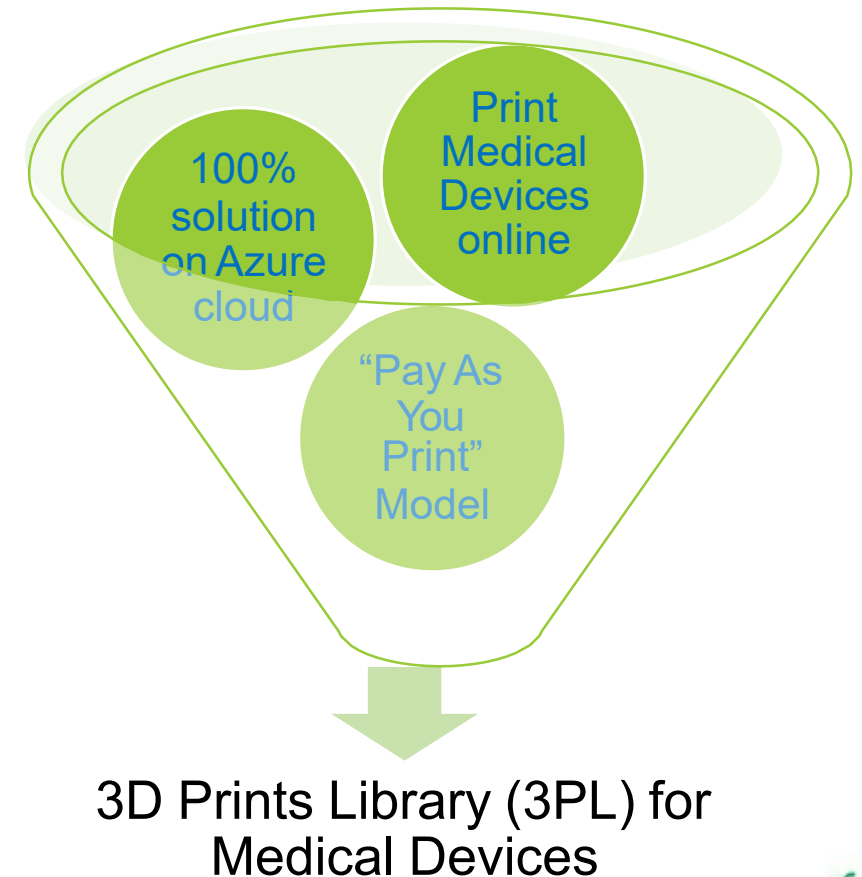
Agenda

- 3D Prints Library (3PL) for Covid19
 - *Overview, Stack and Benefits*
- 3PL Process Experience
 - *Online Commerce, 3PL Management and Process Flow*
- Applicability
 - *Enterprise Scale of Adoption*

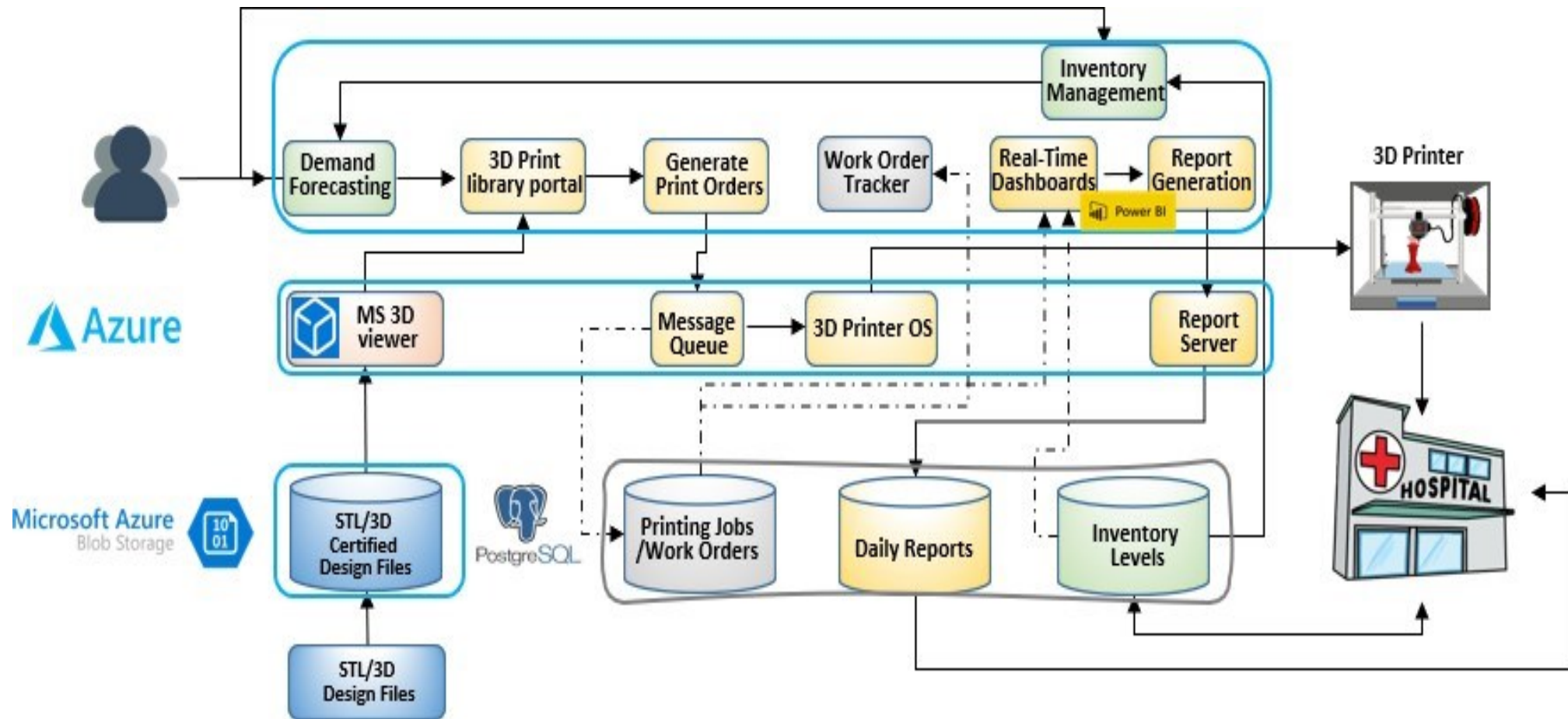


3D Prints Library - Covid19 Overview

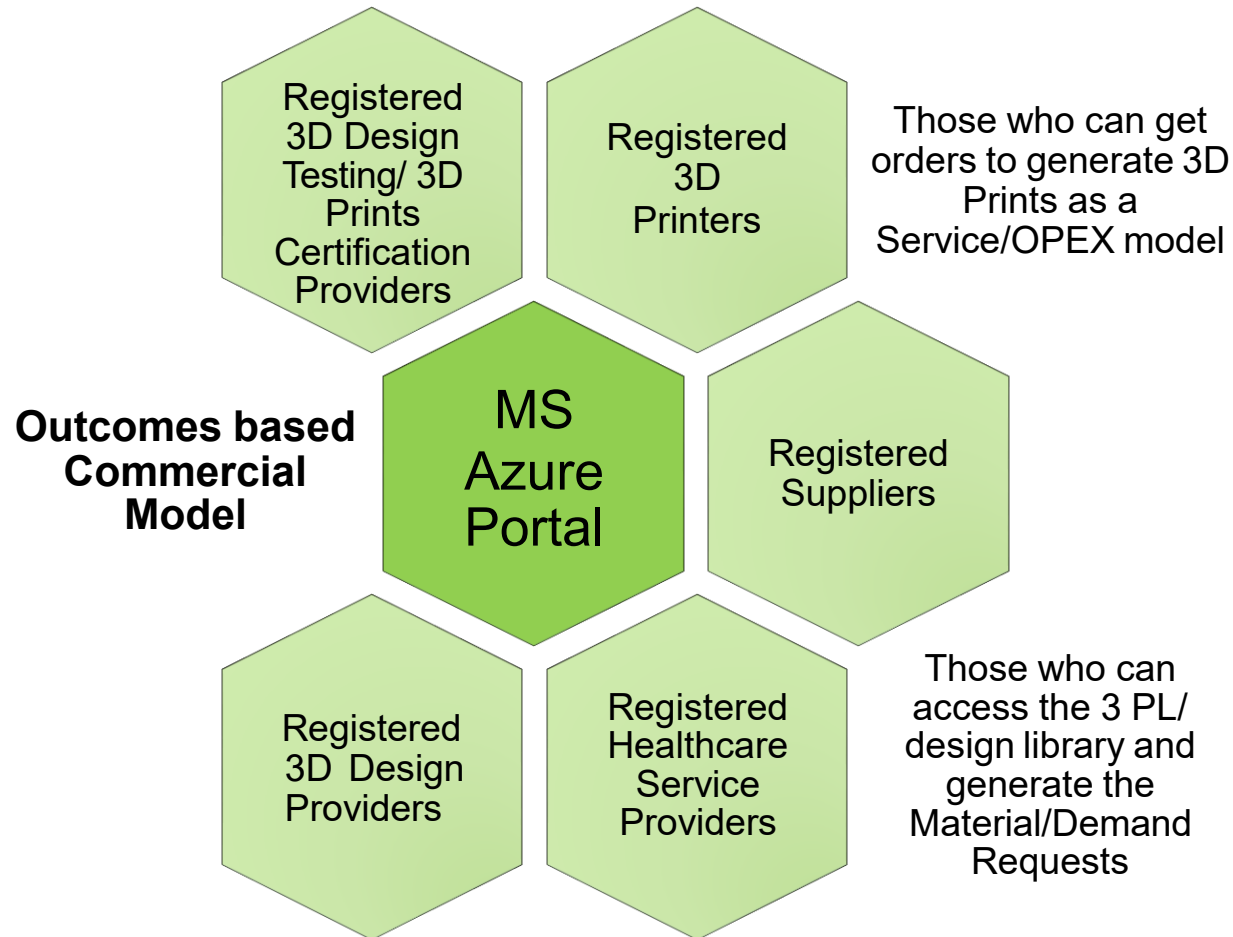
1. **Greenojō's 3D Prints Library (3PL)** is an on-demand 3D Prints of medical devices and accessories which can meet the instant demands from healthcare service providers/hospitals
2. 3PL will help in **managing ad-hoc demand-supply gaps at the healthcare service providers/hospitals level** due to outbreaks such as Covid19
3. **3PL solution is built on a concept of 100% SaaS and a "Pay as you Go/Print" model** for Hospitals/Service Providers who want to leverage this platform as an OPEX model



3PL - Running Stack/Architecture



3 PL - MS Azure Cloud from 3D Designs to Delivery



Functional Areas	Technical Tools
3D Design Files	STL/Other Formats
3D Design Styling	MS 3D Viewer
3D Design Storage	Azure Blob Storage
E-Commerce Portal	SharePoint Online
Order Fulfillment Process	Bonitasoft
3D Printers Management Software on Cloud	3DPrinterOS



3 PL - Benefits

1

Plug-in to any Service Provider's Portal

3PL can be accessed by any hospital/service provider after registration on the portal

2

Integrates with 10+ FDA Compliant 3D Designs on Medical Devices

We have already set up 100+ 3D tested and verified designs for masks, gloves, PPEs, etc.

3

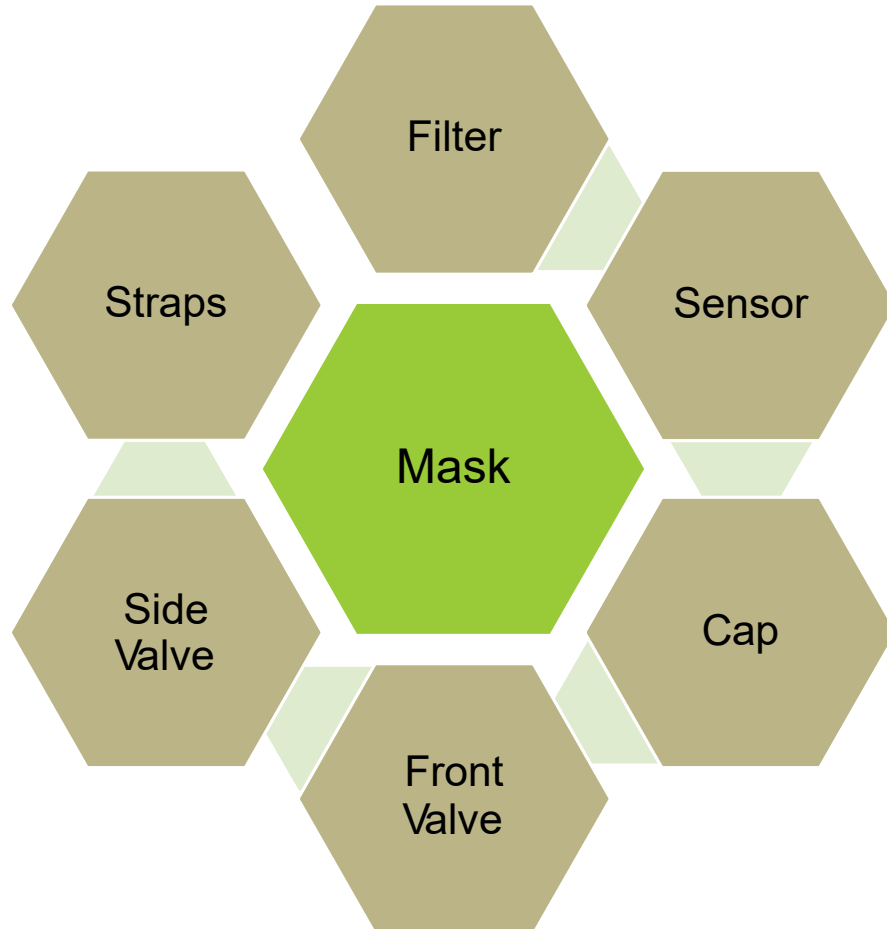
API based Solution with an OPEX delivery & commercial approach

Turnkey management from 3D Design Storage to 3D Prints ready with service providers

- ✓ Helps to setup the solution on cloud/on-premise for a hospital in **3-4 working weeks**
- ✓ Enables FDA Compliant 3D design files to be stored and shared with 3D printers registered on cloud, so that the **entire O2C (order to cash) process happens on cloud**
- ✓ Easily scales up for enterprise adoption by using the **industry best practices for 3D Prints of Medical Devices**



3 PL - Experience Online Commerce for your 3D Prints

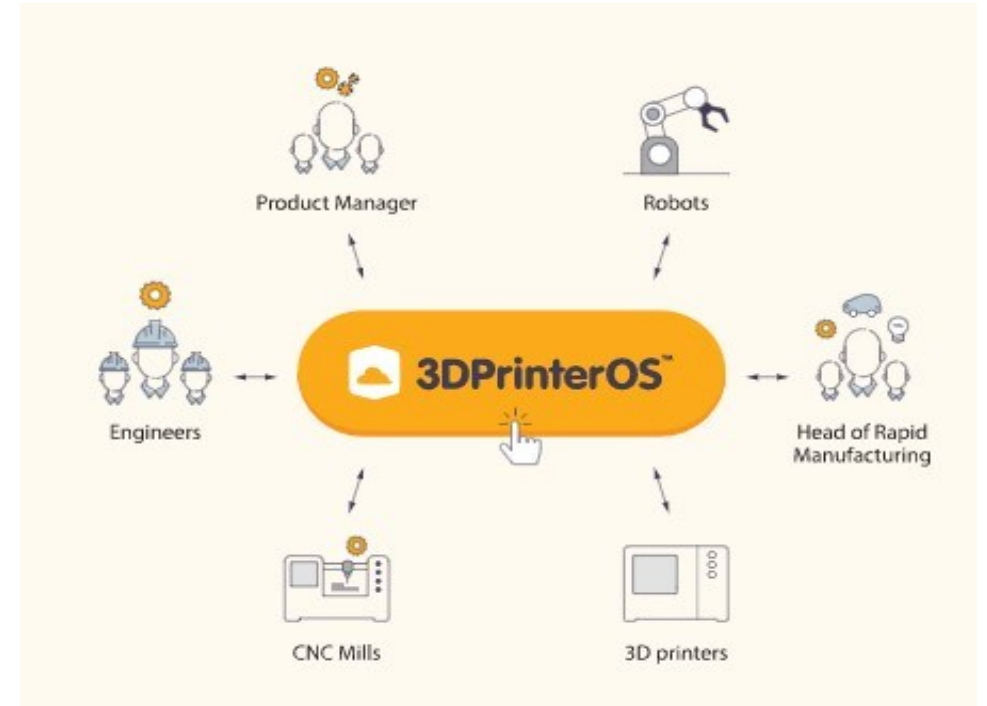
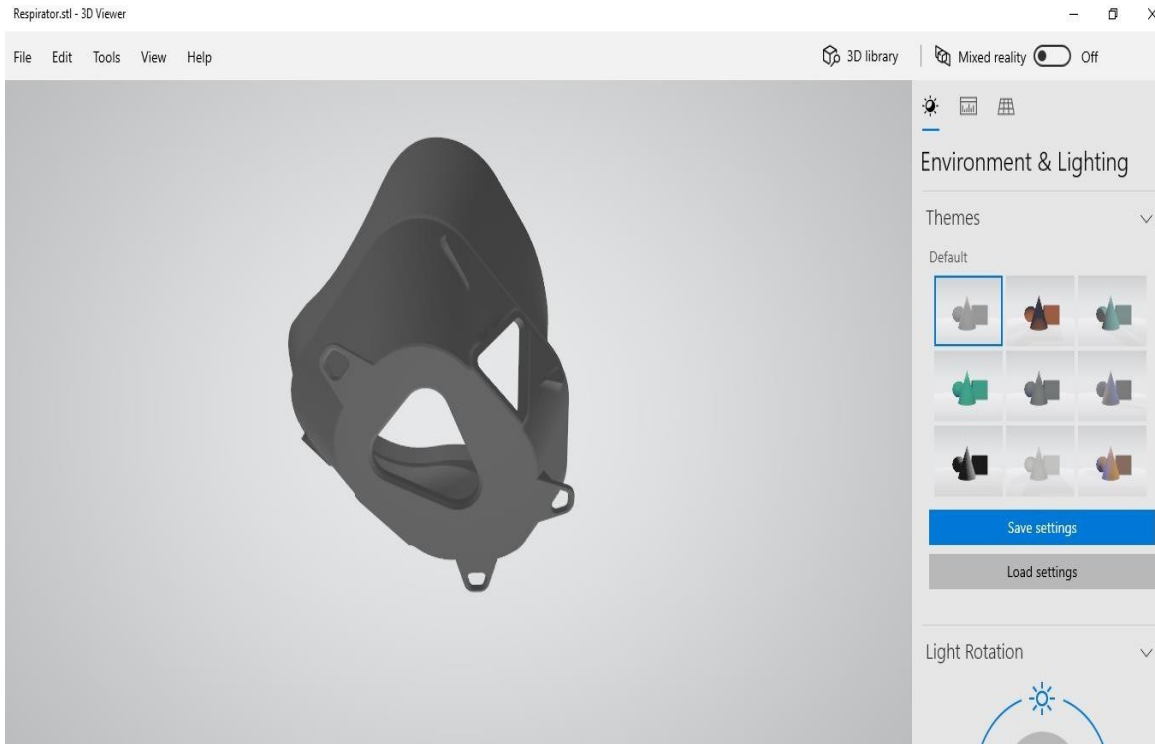


Select Components	Specify Quantity	
<input checked="" type="checkbox"/> Filter	<input type="text" value="100"/>	<input checked="" type="checkbox"/> Add to Cart
<input checked="" type="checkbox"/> Sensor	<input type="text" value="0"/>	<input type="checkbox"/> Add to Cart
<input checked="" type="checkbox"/> Cap	<input type="text" value="100"/>	<input checked="" type="checkbox"/> Add to Cart

[Go To Cart](#)



3 PL - 3D Designs and 3D Printers Management



3 PL - “3D Designs to Delivery” Process

Input	Processing	Output
<ul style="list-style-type: none"> ➤ 3D Design Files are Tested and Approved ➤ All 3D Design Files need to be Registered in the Portal ➤ Supply Points and Demand Points needs to be registered in the 3PL portal (local supply is prioritized) ➤ If multiple local suppliers/3D Printers as a Service is available, demands can be routed as bids or as preferred vendor as defined by the demand point 	<ul style="list-style-type: none"> ➤ Printing of 3D Designs based on print instructions ➤ Reconcile Printing Logs (Variance – Demands vs. Supply) 	<ul style="list-style-type: none"> ➤ QC of the physical prints of the components ➤ Post QC, dispatch and raise an invoice to the demand point with ASN (advance shipping notification) ➤ Commercials – SCM with SLAs



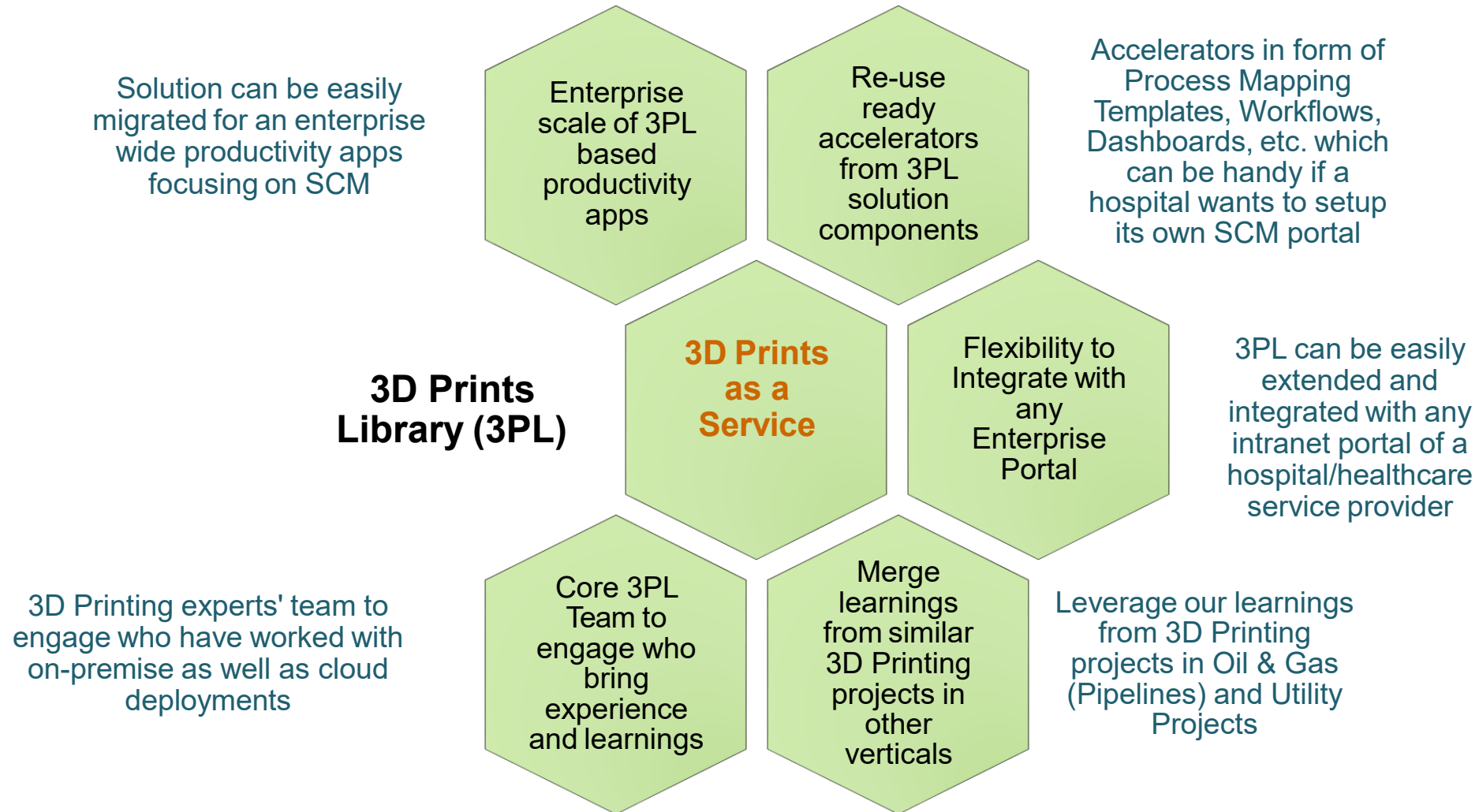
Execution Model

Typical Pilot/Project Constructs for a Hospital/Healthcare Service Provider

<p>Offsite and On Cloud Management(100%)</p>	<p>Complete Solution Design to Deployment</p> <p><i>To be managed by Greenojo</i></p>	<ul style="list-style-type: none"> ➤ 100% on cloud project delivery ➤ <i>Leveraging MS Azure Cloud</i> 	<ul style="list-style-type: none"> ➤ Pilot/Project to include FAT/UAT tests <p><i>On-demand fulfilment SLAs monitoring</i></p>	<ul style="list-style-type: none"> ➤ 3-4 working weeks for a functional Pilot at any Hospital/Service Provider <p><i>Post the contract sign</i></p>	<p>Execution directed by 3D Printing practitioners</p> <p><i>Expertise with enterprise 3D Printing developments</i></p>
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3PL - Enterprise Scale of Adoption





Thank You

Greenojō provides Automation, Analytics and AI solutions to
enterprise customers

For RFPs, Solutions and Sales/Partner
enquiries, connect us at - sales@greenojō.com