DISCLAIMER

This presentation includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act") and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). All statements, other than statements of present or historical fact included in this presentation, regarding the future financial performance of Shapeways Holdings, Inc. (the "Company"), as well as the Company's strategy, future operations, future operating results, financial position, estimated revenues, and losses, projected costs, prospects, plans and objectives of management are forward-looking statements. In some cases, you can identify forward-looking statements by terminology such as "plan," "believe," "expect," "anticipate," "intend," "outlook," "estimate," "forecast," "project," "continue," "could," "may," "might," "possible," "potential," "predict," "should," "would," "will," "seek," "target," and other similar words and expressions, but the absence of these words does not mean that a statement is not forward-looking.

The forward-looking statements contained in this presentation are based on information available as of the date of this presentation and on the current expectations, forecasts and assumptions of the management of the Company, involve a number of judgments, risks and uncertainties and are inherently subject to changes in circumstances and their potential effects and speak only as of the date of such statements. There can be no assurance that future developments will be those that have been anticipated. These forward-looking statements involve a number of risks, uncertainties or other assumptions that may cause actual results or performance to be materially different from those expressed, contemplated or implied by these forward-looking statements. The Company cautions you that these forward-looking statements are subject to numerous risk and uncertainties, most of which are difficult to predict and many of which are beyond the control of the Company. These risks and uncertainties include, but are not limited to, those factors described in the section titled "Risk Factors" in our most recently filed Annual Report on Form 10-K, our most recent Quarterly Report on Form 10-Q and other current and periodic reports we file from time to time with the Securities and Exchange Commission. Should one or more of these risks or uncertainties materialize, or should any of our assumptions prove incorrect, actual results may vary in material respects from those projected in these forward-looking statements. The Company undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required under applicable securities laws.

By their nature, forward-looking statements involve risks and uncertainties because they relate to events and depend on circumstances that may or may not occur in the future. Forward-looking statements are not guarantees of future performance and the Company's actual results of operations, financial condition and liquidity, and developments in the industry in which the Company operates may differ materially from those made in or suggested by the forward-looking statements contained in this presentation. In addition, even if the Company's results or operations, financial condition and liquidity, and developments in the industry in which it operates are consistent with the forward-looking statements contained in this presentation, those results or developments may not be indicative of results or developments in subsequent periods.
SHAPEWAYS IS ON A MISSION TO

RESHAPE

MANUFACTURING

Providing on-demand and scaled manufacturing services, powered by purpose-built proprietary software to make complex manufacturing simple.

And digital manufacturing software platform that enables manufacturers to digitize operations; unlocking revenue growth, increased profitability, and expanded capabilities.
## SHAPEWAYS

### INVESTOR HIGHLIGHTS

1. **Reshaping the multi-trillion dollar global manufacturing market** by digitizing the end-to-end manufacturing process

2. Proven, high quality flexible **digital manufacturing services** delivering 24M+ unique parts to over 1M end customers in more than 180 countries

3. Growth fueled by **software adoption** and **scaling of enterprise manufacturing** solutions

4. Differentiated digital manufacturing **software platform** that enables other manufacturers to **digitize their operations**

5. Strong **enterprise manufacturing** customer growth with attractive economics

6. Experienced and highly invested management team with strong investor support **led by blue chip venture capital funds** Andreessen Horowitz, Lux Capital, Union Square Ventures and INKEF
DISRUPTING THE MULTI-TRILLION DOLLAR GLOBAL MANUFACTURING MARKET

Challenge: Market is slow, manual, and rigid. Focused on mass production and unable to meet changing customer needs

Solution: Digitizing the end-to-end manufacturing process enables increased speed, lower costs, and higher flexibility

Global Digital Manufacturing Market Size is around ~$450B in 2023, with an estimated 16.2% CAGR (2023 – 2027).

Source: Allied Market Research, Grand View Research, IMARC, PMI Prophecy, Stifel elaboration.
WELL POSITIONED TO ACCELERATE GROWTH

LEVERAGING TECHNOLOGY & INVESTMENTS
Building on Shapeways legacy ecommerce manufacturing services, driving growth through expansion of enterprise manufacturing and commercializing digital manufacturing software platform.

ENTERPRISE-SCALE DIGITAL MANUFACTURING SERVICES
Highly scalable industrial-grade digital manufacturing capabilities accelerates enterprise customer time to market, and enables access to flexible on-demand manufacturing services.

DIGITAL MANUFACTURING SOFTWARE PLATFORM
Comprehensive digital manufacturing software platform allows other manufacturers to digitize their operations, grow revenue, and increase profitability.
DIGITAL MANUFACTURING SERVICES
PROVEN PLATFORM PROVIDING FLEXIBLE, ON-DEMAND MANUFACTURING SERVICES

SHAPEWAYS DIGITAL MANUFACTURING
high-quality manufacturing with extensive Additive Manufacturing capabilities

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parts Manufactured</td>
<td>24M+</td>
</tr>
<tr>
<td>Global Customers</td>
<td>1M+</td>
</tr>
<tr>
<td>Countries Delivered</td>
<td>180+</td>
</tr>
<tr>
<td>Additive Technologies</td>
<td>12</td>
</tr>
<tr>
<td>Materials &amp; Finishes</td>
<td>120+</td>
</tr>
<tr>
<td>Complaint Rate</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Part On-Time Delivery</td>
<td>98%</td>
</tr>
</tbody>
</table>

1. Company metric as of December 31, 2022
2. 0.63% 2022 customer complaint rate
3. 97.8% average 2022 on time delivery to customers
POWERED BY COMPREHENSIVE DIGITAL MANUFACTURING SOFTWARE PLATFORM

MAKING COMPLEX MANUFACTURING SIMPLE
End-to-end digitization and automation removes unnecessary costs and risks

Ordering
File upload, configuration, instant pricing, digital inventory

Analysis
File analysis, printability tools, file-optimization workflows

Planning
Supply chain management & smart-demand allocation

Pre Production
Manufacturing prep, tray planning, machine integration

Manufacturing
Complex one-part workflow, real time tracking, and traceability
CREATING SIGNIFICANT CUSTOMER VALUE

Enabling customers to access industrial grade, on demand manufacturing services without the capex investment

FAST
Receive physical products in days, from file upload to delivery

HIGH QUALITY
Proven high-quality production to meet finished, end-product standards

SCALABLE
Easily scale up and down based on your business needs

FLEXIBLE
Switch between technology & materials based on customer needs

LOW COST
No upfront investment to get started & no minimum order quantity

SUSTAINABLE
Additive Manufacturing offers eco-friendly, sustainable manufacturing
STRONG ENTERPRISE CUSTOMER GROWTH WITH ATTRACTIVE USER ECONOMICS

TARGET CUSTOMER GROWTH ALIGNED WITH MARKET

Top 250 Customer Revenue Growth\(^1\)
Top 250 Accounts Revenue ($ in Thousands)

IMPROVING CUSTOMER ECONOMICS
USER ECONOMICS

Revenue & Gross Profit Per Top 250 Customer\(^1\)
Average Revenue And Gross Profit Per Top 250 Customer

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(1) Top 250 customer revenue growth by year, accounts in Top 250 vary by period.
CUSTOMER EXAMPLES

Shapeways supports a diverse customer base.

Enabling finished part production for industrial-grade manufacturing across industrial, aerospace, automotive and medical industries.
DIGITAL MANUFACTURING SOFTWARE PLATFORM
COMPREHENSIVE DIGITAL MANUFACTURING SOFTWARE SUITE

Proven proprietary digital manufacturing software platform enables other manufacturers to digitize their business.

ENABLING MANUFACTURERS TO DIGITIZE

GROW REVENUE
Access new opportunities, win more deals

INCREASE PROFITABILITY
Gain operational efficiencies through the end-to-end software platform

EXPAND CAPABILITIES
Leverage greater Shapeways supply chain to expand offering

IMPROVE ACCESSIBILITY
Shift online to improve customer accessibility and satisfaction
ACCELERATING SOFTWARE ADOPTION

Leveraging the MFG brand and customer base to accelerate go to market

OTTO
DIGITAL MANUFACTURING SOFTWARE
OTTO Software & Services enable customers to grow revenue, increase profitability, expand manufacturing capabilities, and increase accessibility.

DEMAND
Grow your business

ORDERING
Streamline process

TRANSACTIONS
Trusted online payments

PART TRACKING
Project management tools

MATERIALS
Save costs

SUPPLIES
Save more costs

SUPPLY CHAIN
Expand capabilities

LOGISTICS
Discounted shipping

UNTAPPED MANUFACTURING MARKETPLACE
120k registered users\(^1\) in need of digitization + growth

(1) Registered users as of March 31, 2023.
CREATING SCALABLE HIGH-MARGIN RECURRING REVENUE THROUGH THE MFG CUSTOMER BASE

2023 YTD showed significant momentum, resulting in a record-breaking SaaS contract commitments, new manufacturing registrations, and live projects on the platform.

CUSTOMER GROWTH
Continued revenue growth

51% Q3 SaaS Revenue\(^1\) growth YoY, with Revenue of $815K

CUSTOMER RETENTION
Consistent customer retention

5.7% YTD Average Monthly Recurring Revenue Churn\(^2\)

CUSTOMER LIFETIME VALUE
Strong expected revenue

$4,200+ Q3 2023 Expected Customer Lifetime Revenue\(^3\)

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(1) Revenue includes all revenue associated with Premium, Growth, and Starter SaaS Products and associated Transactions and Materials revenue.
(2) Monthly Recurring Revenue Churn calculated for 2022 and 2023 customer cohorts for Premium SaaS Subscribers, represents net percentage of total MRR lost from existing customer during the month, calculated as 6mo average.
(3) Customer Lifetime value is the expected revenue collected for each customer during their subscription, calculated as contract value less churn.
POSITIONED FOR ACCELERATED GROWTH
SCALING GROWTH INITIATIVES

GROW REVENUE
- Software Tools & Services, showing exponential growth in bookings
- Strong multi-year bookings growth in Enterprise Manufacturing Solutions, expect estimated 20% CAGR to continue
- eCommerce Manufacturing channels have stabilized

IMPROVE GROSS PROFIT
- US Manufacturing facility consolidation completed in Q1 2023, expect future COGS savings
- Business mix shifts towards highly scalable recurring software revenue with Gross Profit
- Improving competitive environment driving price opportunities

REDUCE OPERATING EXPENSES
- Focus on optimizing headcount
- Enhance operating structure to improve expenses
- Further optimization of public company-related costs

CONSERVE CASH BALANCE
- Maintain strong cash balance
- Continue to be rigorous with capital allocation
- Focus on transition to positive EBITDA
1. **Reshaping the multi-trillion dollar global manufacturing market** by digitizing the end-to-end manufacturing process

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