



# Corporate Presentation

September 2018

# Forward Looking Statements

This presentation contains certain statements that are not statements of historical or current facts are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include statements concerning plans, objectives, goals, strategies, expectations, intentions, projections, developments, future events, performance or products, underlying assumptions, and other statements which are other than statements of historical facts. In some cases, you can identify forward-looking statements by terms such as “believes,” “beliefs,” “may,” “will,” “should,” “expects,” “intends,” “plans,” “anticipates,” “estimates,” “predicts,” “projects,” “potential,” “continue,” and other similar terminology or the negative of these terms. From time to time, we may publish or otherwise make available forward-looking statements of this nature. All such forward-looking statements, whether written or oral, and whether made by us or on our behalf, are expressly qualified by the cautionary statements described on this message including those set forth below.

Forward-looking statements are based upon management’s beliefs, assumptions and current expectations concerning future events and trends, using information currently available, and are necessarily subject to uncertainties, many of which are outside our control. In addition, we undertake no obligation to update or revise any forward-looking statements made by us or on our behalf, whether as a result of future developments, subsequent events or circumstances, or otherwise, or to reflect the occurrence or likelihood of unanticipated events, and we disclaim any such obligation.

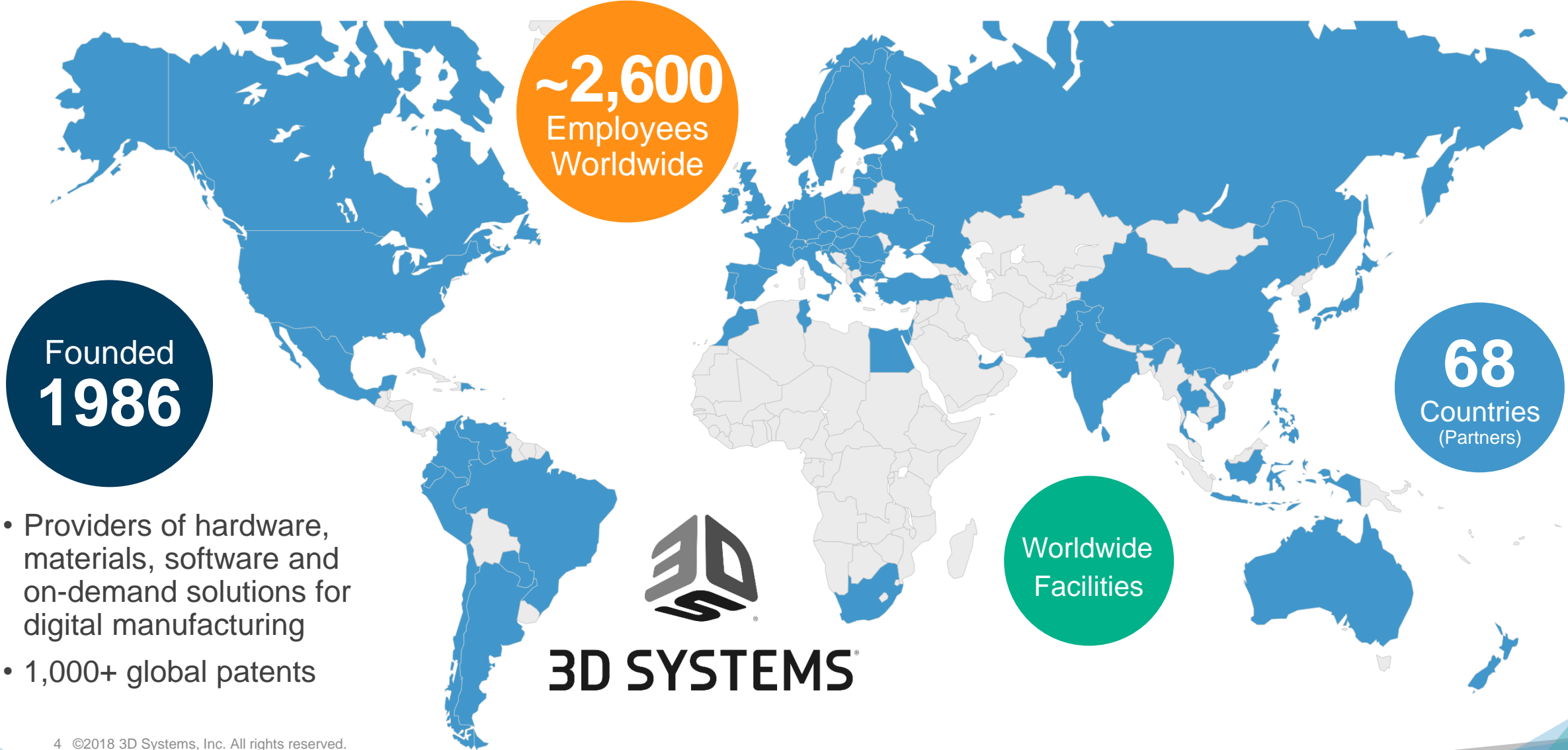
Forward-looking statements are only predictions that relate to future events or our future performance and are subject to known and unknown risks, uncertainties, assumptions, and other factors, many of which are beyond our control, that may cause actual results, outcomes, levels of activity, performance, developments, or achievements to be materially different from any future results, outcomes, levels of activity, performance, developments, or achievements expressed, anticipated, or implied by these forward-looking statements. Although we believe that the expectations reflected in the forward-looking statements are reasonable, forward-looking statements are not, and should not be relied upon as a guarantee of future performance or results, nor will they necessarily prove to be accurate indications of the times at or by which any such performance or results will be achieved. 3D System’s actual results could differ materially from those stated or implied in forward-looking statements. Past performance is not necessarily indicative of future results. We do not undertake any obligation to and do not intend to update any forward-looking statements whether as a result of future developments, subsequent events or circumstances or otherwise.

Further, we encourage you to review “Risk Factors” in Part 1 of our Annual Report on Form 10-K and Part II of our quarterly reports on Form 10-Q filed with the SEC as well as other information about us in our filings with the SEC. These are available at [www.SEC.gov](http://www.SEC.gov).

# Strategy & Company Overview



# 3D Systems - Global Footprint



Founded  
**1986**

**~2,600**  
Employees  
Worldwide

**68**  
Countries  
(Partners)

- Providers of hardware, materials, software and on-demand solutions for digital manufacturing
- 1,000+ global patents

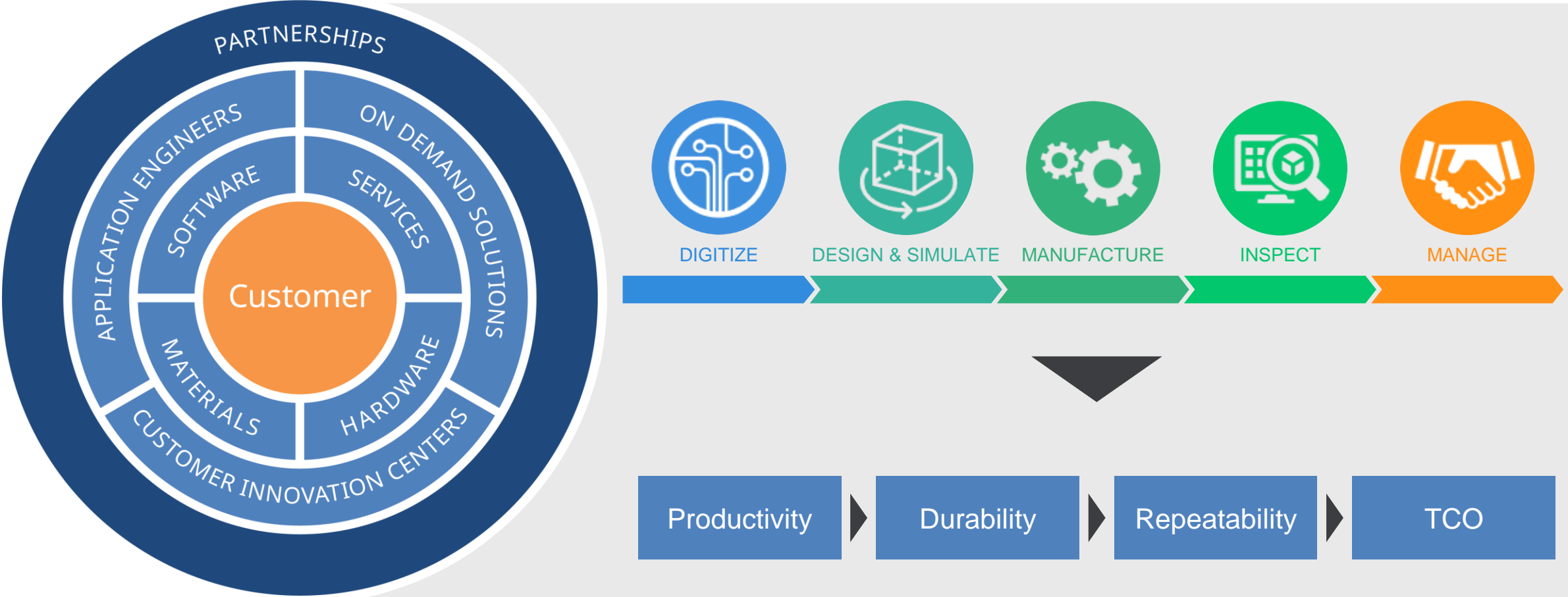
Worldwide  
Facilities



**3D SYSTEMS**



# Making 3D Production Real



# 3D Systems Transformation Journey

2016

Listen, Learn  
and Build

2017–2018

Create Foundation  
for Growth

2019

Scale  
and Lead



- Improve reliability, quality and win back customer confidence
- Prune product portfolio
- Understand the market trend and requirements for shift from prototyping to production
- Augment talent

## Key Success Factors

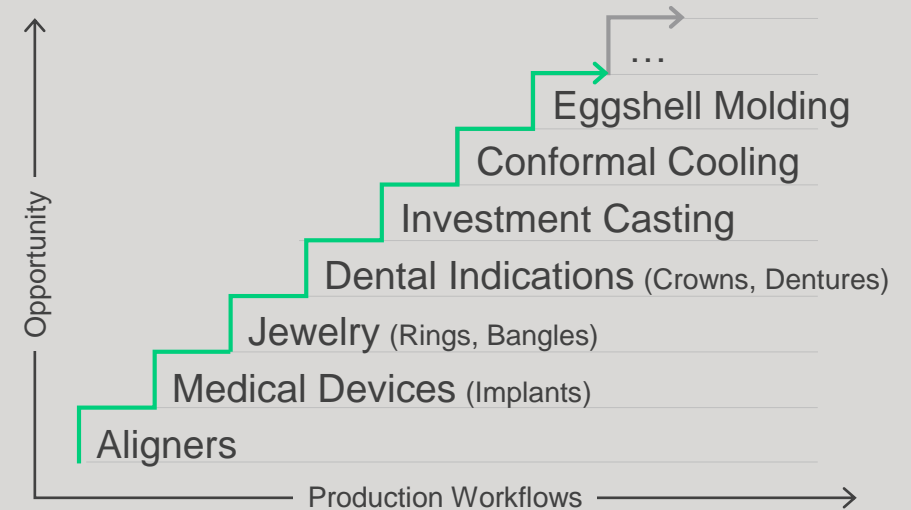
Customer-driven Innovation

Operational Excellence

Partnerships

Our People

- Customer-driven innovation
- World-class cost structure
- Operational excellence
- Partnerships
- Talent and leadership



- New innovative production workflows and solutions
- Materials portfolio expansion
- Uptime-based technology services
- Scaling Customer Innovation Centers (CIC) & certified manufacturing partners

← April 2016



# Customer Journey

## 3D Printing Customer Maturity Model

	Strategic Direction	Organization & Processes	Technology Enablement
<b>4</b> Strategic Applications Across Company	Embedded in company strategy C-level sponsorship	Embedded in relevant operational areas	Production locations Research centers
<b>3</b> Application in “Champion” Departments	Clear direction of application	“Champion” departments First cross-functional teams	Own systems Established collaborations
<b>2</b> Experimenting and testing	Invest, test and understand the technology	Test 3DP technology No structured process	Testing different technologies
<b>1</b> No Experience	Leadership has no or low awareness	Evaluation and consideration	First considerations of form of application

\*Ernst & Young's Global 3D Printing Report 2016, 3DP Maturity Model





# Unmatched Portfolio

Broadest range of end-to-end solutions in the 3D printing industry



**Sp** 3D Sprint™    **Xp** 3DXpert™    **Ci** Cimatron®    **Gc** GibbsCAM®    **Co** 3D Connect™  
Service

**Cx** Geomagic® Control X™    **Dx** Geomagic® Design X™    **Ff** Geomagic® Freeform®





# On Demand Manufacturing

Full suite of on-demand solutions for customers

## QUICKPARTS® Rapid Prototyping

TIME +  
MONEY

Our processes are among the most efficient and cost-effective in the industry.



BRIDGE TO  
PRODUCTION

Only uses the customers true design. Refine your designs and prototypes before investing in costly tooling.



**1-14 DAYS**

Parts completed in as fast as one business day

## Low-Volume Production

## Advanced Prototyping

FUNCTIONAL  
PROTOTYPES

We offer multiple additive and traditional processes to meet any production need.



**25,000+** Advanced prototypes manufactured to date

FEEDBACK +  
REALISM

Gain invaluable insight into your designs with our extensive material and technology options.

**1-to-1**

Identical appearance and characteristics to final production part

## Appearance Models



# Production Workflow Software

**Dx** Geomagic® Design X™ **Cx** Geomagic® Control X™ **Sp** 3D Sprint™ **Gc** GibbsCAM® **Ci** Cimatron® **Xp** 3DXpert™

3D Digitization Platform

Manufacturing Software Platform

“The entire project took us 50 hours instead of 500, allowing us to achieve success in only 10% of the time it would have taken us compared to using conventional means.”

— **Bobby Machinski**, MACH-T3  
Engineering  
NASA SIERRA Project



Productivity • Ease of Use • ROI

“Metal Technology Inc (MTI) has experienced 75% faster slicing for metal parts and 40% faster metal 3D print production with 3D Systems 3DXpert...”

— **Gary Cosmer**, CEO  
MTI, Albany, OR.

“In the space of an hour, I solved a problem that would normally have cost 21 days of production in downtime. That’s an easy \$480,000 saved in a single hour of 3D scanning and verifying the problem inside of Geomagic Control X.”

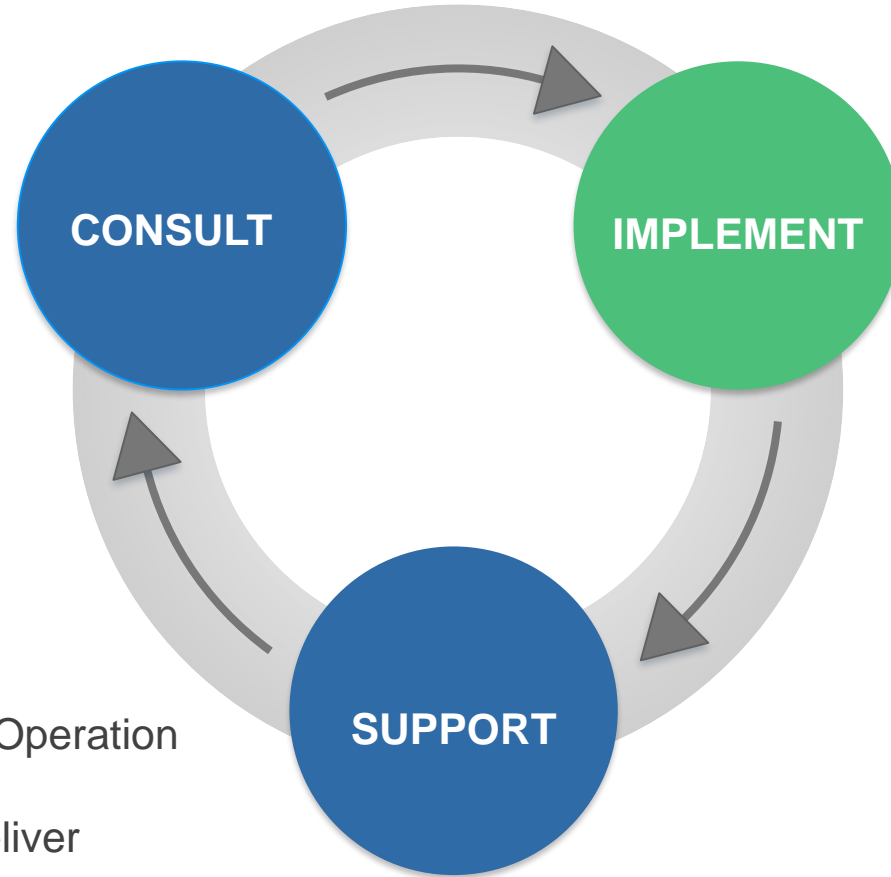
— **Russ Emerick**  
Schneider Electric



# Professional Services

## Implementing Additive Manufacturing into Production Workflows

- Build the business case: Additive Manufacturing primer and advanced consultation
- Specific 3D printing application consulting



- Optimize parts design
- Assess and streamline manufacturing workflows
- Facility review and certification support

- Optimize Total Cost of Operation
- 3D Connect Services
- Promise uptime and deliver preventative measures
- Production assurance



# Cloud-based Services

Maximizing Productivity



## Fleet Monitoring

- Enables customers to see the status of their printer in real time
- Enables email and text alerts with their build or printer
- Creates analytics on up time, usage, consumable use, health of the lasers/print heads etc.

## Remote Diagnostic Tools

- Creates the ability for service to see what the problem is prior to going on site
- Automatically creates a service ticket
- Enable the ability to have the right spare parts ordered and on site prior to the tech arriving





# Vertical Approach and Domain Expertise

Core Assets form Operational Platform to Leverage Across Verticals

Healthcare



Dental



Aerospace



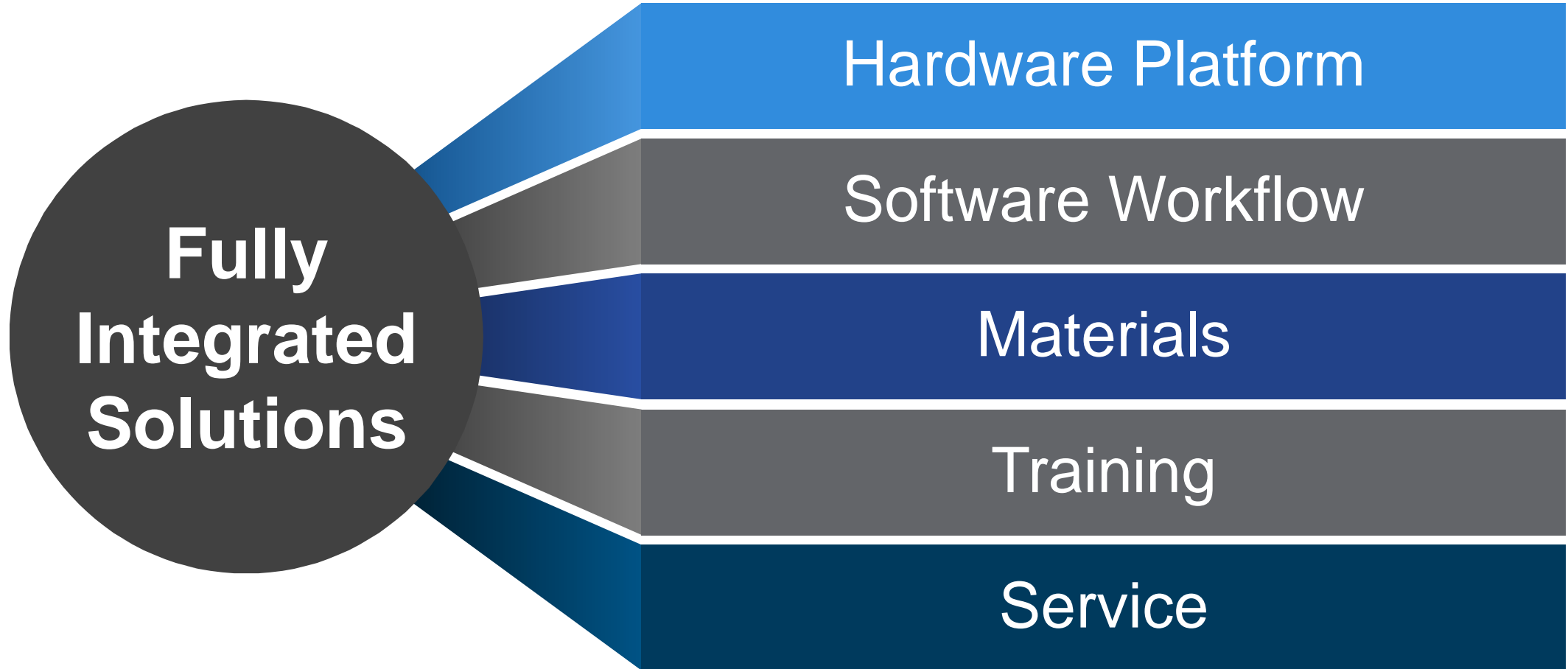
Automotive



Durable goods



# Production Workflow Architecture



# align Workflow

**Fully  
Integrated  
Solutions**

Hardware Platform

ProX® 800



Software Workflow



Materials



Training

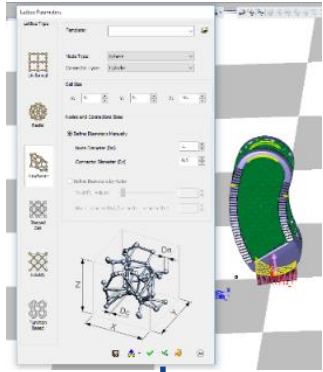
Service

**Align**  
**320,000**  
Invisalign Aligners  
printed models **per day**

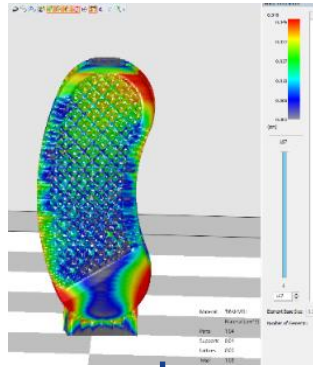
A circular inset image showing a woman smiling and holding a clear dental aligner to her teeth.



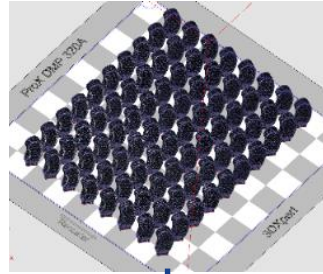
# Medical Device Workflow



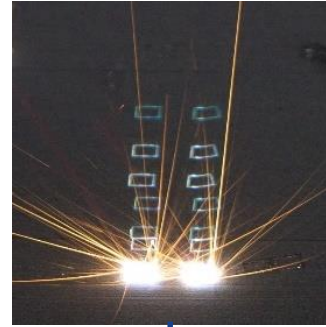
Design



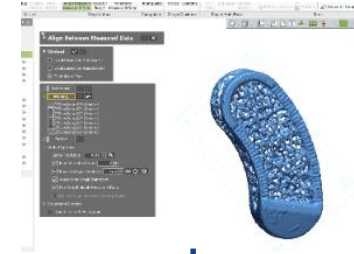
Simulate



Optimize



Manufacture



Inspect



Deliver

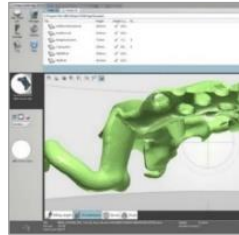


ProX® DMP 320



# Dental Workflow

Plug & Play with a Trusted Connection



3shape 



NextDent™ 5100



# Key Partnerships



# Recent Transformative Partnership

- Pioneers in subtractive and additive manufacturing
- Integration and automation of AM into complete manufacturing process chain
- Combined global sales network
- Access to combined manufacturing applications experts (Customer Innovation Centers)



# DMP Factory 500 Solution **+GF+**

- 1<sup>st</sup>** Seamless big parts of up to 500mm diameter
- Workflow oriented modularity—for configurable factory set-up.
- 1<sup>st</sup>** With 500x500x500 mm largest diameter in the industry
- 1<sup>st</sup>** Vacuum chamber with lowest oxygen atmosphere during builds (20 ppm)
- Full traceability of metal powder batches—removeable print module with integrated overflow hopper
- Very low consumable material cost

OEMs and large part contractors are looking for:

- Uniform Repeatability, Part Quality
- Affordable Part Cost/TCO
- Scalability, Including Managing Peaks
- Service And Support, Including Application Guidance
- Process Monitoring and Traceability
- Factory 4.0—Data-flow/Logging/Monitoring

The diagram illustrates the components of the DMP Factory 500 solution, categorized into three main areas:

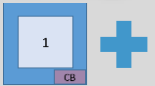
- Software:** Xp 3DXpert™
- Hardware Modules:**
  - Transport module with Removable Print Module (RPM)
  - Printer Module
  - Powder Management Modul (PMM) with Depowdering Module
  - Parking Module
- Materials:** Broad choice in LaserForm materials with extensively developed parameters



# Figure 4 Platform

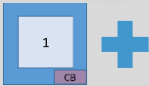
## STANDALONE SOLUTIONS

INDEPENDENT PRINTERS | AFFORDABLE  
EASE OF USE | ADAPTABLE



### NextDent™ 5100

Dental Labs Small & Large  
10+ Dental use cases  
Up to 10X lower part cost  
Up to 5X faster

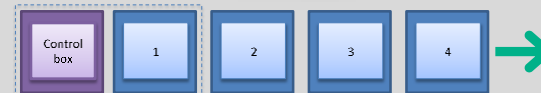


### Figure 4 Standalone

Small Design Shops, OEMs  
Smaller Service Providers  
Affordable  
Functional prototypes  
Ideal in emerging geographies

## FACTORY SOLUTIONS

INTEGRATED MODULES | CONNECTED  
FULL AUTOMATION | PROCESS CONTROL



### Figure 4 Modular

Service Providers  
Medium OEMs  
Flexible configuration  
Low volume production  
Scales with demand



### Figure 4 Production

OEMs with High Volume  
Production Applications  
Customizable  
1MM+ parts/year  
Inline post processing



# Figure 4™

## Scalable Production Platform

- 1<sup>st</sup>** Scalable, production platform  
Inline, integrated and fully automated Post Processing
- 1<sup>st</sup>** Up to 15x faster throughput (print speeds up to 100 mm/hr.)
- 1<sup>st</sup>** Six Sigma Repeatability—an Industry First! ( $C_{pk} > 2$ )
- 1<sup>st</sup>** Up to 20% lower part cost (at a volume of 500 parts) than traditional methods

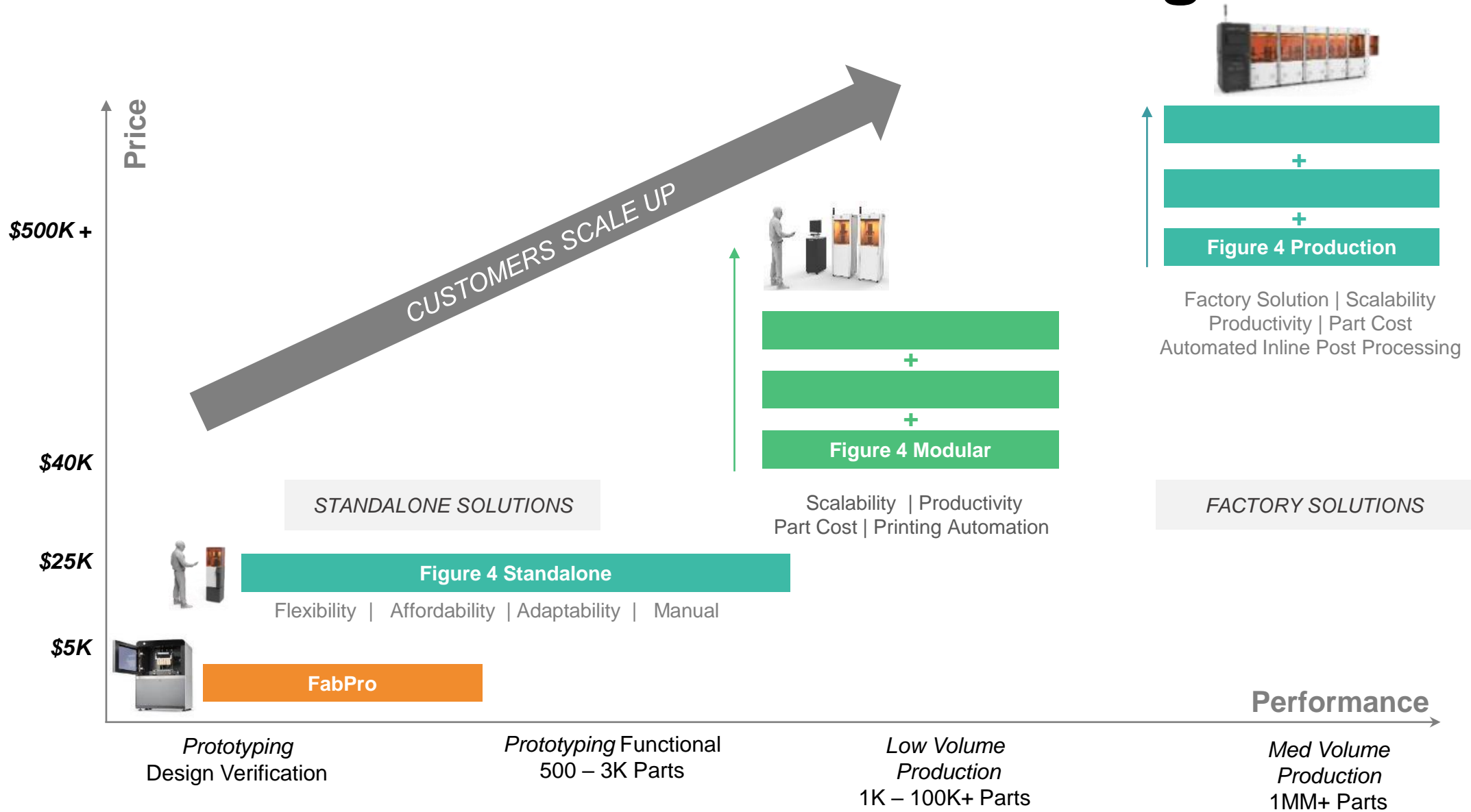


<p>Materials</p>	<p>Cartridges</p>	<p>Material Delivery</p>	<p>Print Engines</p>	<p>Imaging</p>	<p>Print Trays</p>	<p>Print Plates</p>	<p>Automation</p>
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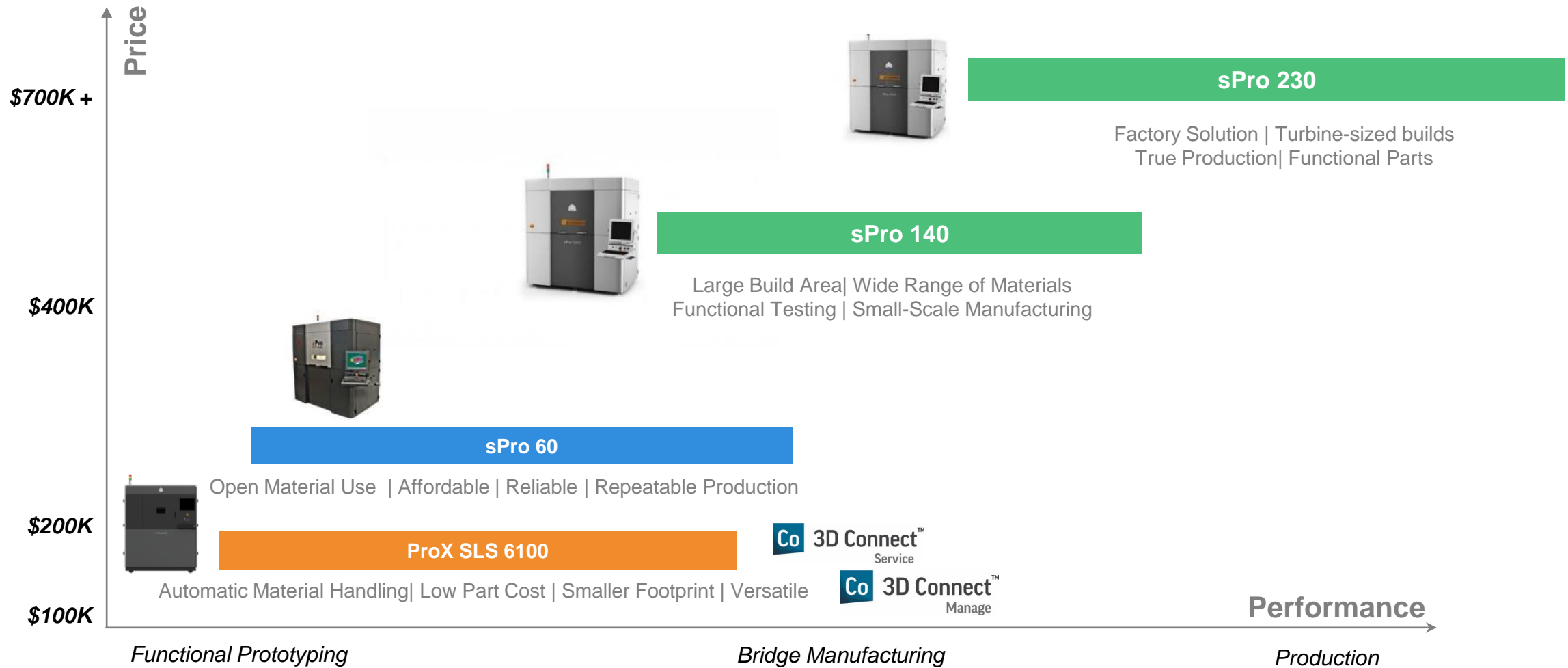




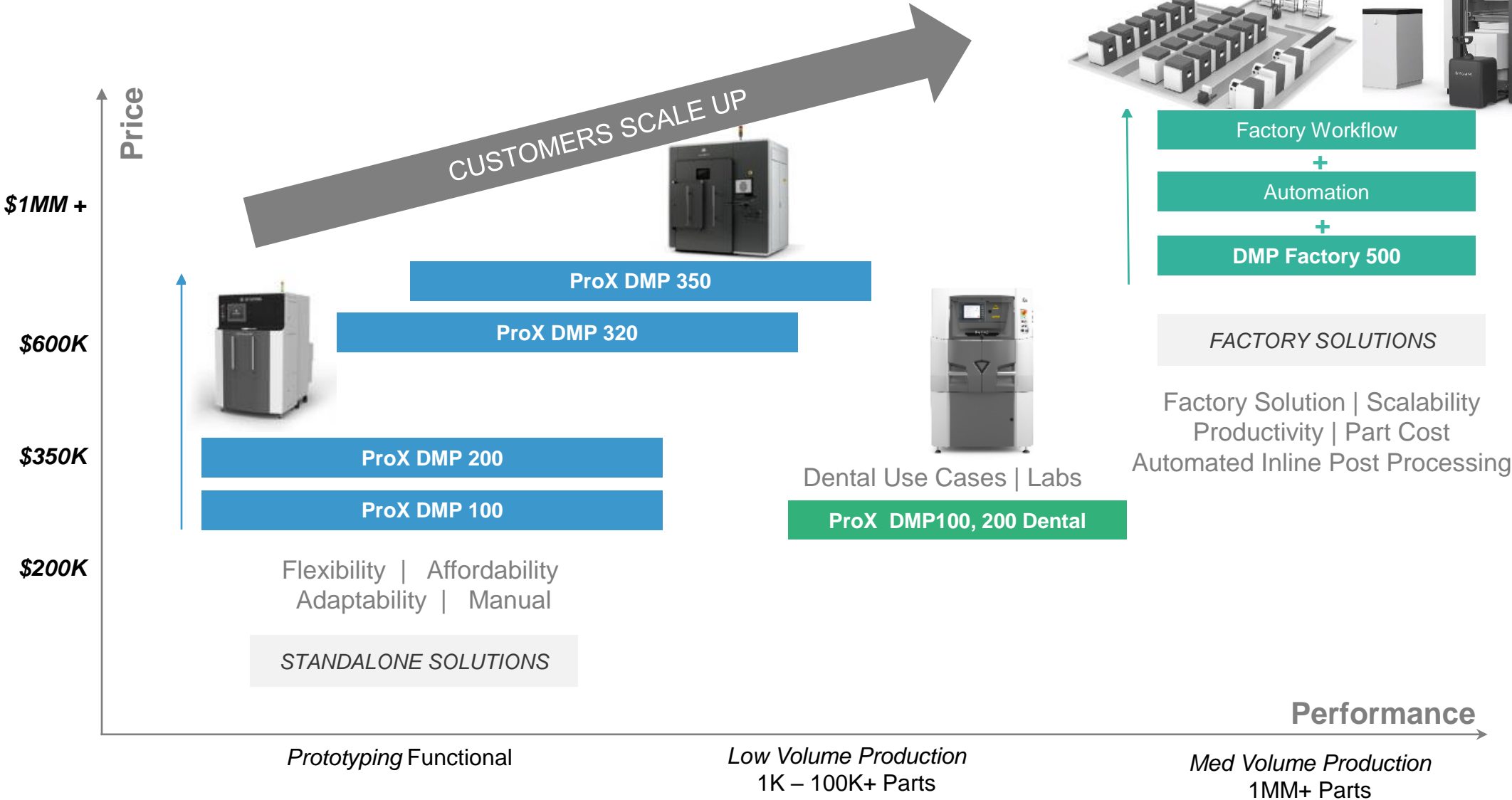
# Customers Grow with Us – DLP/Figure 4



# SLS – From Prototyping to Full Production



# Customers Grow with Us - Metals



The background features a person in a business suit working at a desk with a laptop. Overlaid on this are various financial charts: a bar chart on the left with a y-axis ranging from -50,000 to 100,000; a line graph with a dashed trend line and circular markers; and a pie chart at the bottom. The x-axis of the charts is labeled with months from JAN to AUG. The overall image has a dark, semi-transparent blue overlay.

# Operational Excellence & Financial Results

## Second Quarter 2018 Results Overview

# Execution and Operational Excellence

- Believe we are turning the corner in transformation of the company and seeing early returns on our investments
- Made significant progress to drive growth and improve execution worldwide
- Improved Net Promoter Score (NPS), customer satisfaction scores and customer loyalty measures
- Go-to-market strategy is more effective with better sales motions and enhanced sales tools based on meeting customer needs
- Significantly improved overall quality and reliability
- Continuing supply chain optimization to drive ongoing cost reductions, reduce production times and enable capacity expansion
- Introduction of multiple high-quality, innovative and disruptive products in 2018
- Shifting company culture from hardware centric to installed-base driven systems model
- Strong focus on organization structure, talent and employee engagement
- Significant improvements in operations, including our major ERP upgrade went live during Q2 2018
- Executing on plans to align resources with key priorities, reduce overhead costs and leverage our investments
- Continue to make investments we believe are critical for success while at the same time improving our cost structure over the long term



# Second Quarter Results Overview

In the second quarter of 2018:

- Revenue increased 11% to \$176.6 million
- Strong growth printer revenue growth of 41% on 37% unit growth
- Growth in printers revenue and units, materials, on demand manufacturing and healthcare solutions
- GAAP gross profit margin of 48.8% and non-GAAP gross profit margin of 48.9%
- Continuing to make investments we believe are critical for success while at the same time improving cost structure over the long term
- GAAP loss of \$0.08 per share and non-GAAP earnings of \$0.06 per share
- We generated \$10.7 million dollars of cash in operations during the second quarter. We ended the quarter with \$119.3 million dollars of cash on hand as we continued to invest capital in IT, new product launches, on demand manufacturing and customer innovation centers.

# GAAP Operating Results

<i>(in millions, except per share amounts)</i>	Second Quarter			Six Months Ended		
	2018	2017	Y/Y Change	2018	2017	Y/Y Change
<b>Revenue</b>	\$ 176.6	\$ 159.5	11%	\$ 342.4	\$ 315.9	8%
<b>Gross Profit</b>	86.2	80.7	7%	\$ 164.0	\$ 160.9	2%
<i>Gross Profit Margin</i>	48.8%	50.6%	(179) bps	47.9%	50.9%	(302) bps
<b>SG&amp;A</b>	71.2	63.1	13%	\$ 140.6	\$ 129.5	9%
<b>R&amp;D</b>	22.7	24.4	(7)%	\$ 48.6	\$ 47.3	3%
<b>Operating Expenses</b>	93.9	87.5	7%	\$ 189.2	\$ 176.8	7%
<i>% of Revenue</i>	53.2%	54.9%		55.3%	56.0%	
<b>Operating Loss</b>	(7.7)	(6.9)	(13)%	\$ (25.2)	\$ (15.9)	(58)%
<i>% of Revenue</i>	(4.4)%	(4.3)%		(7.4)%	(5.0)%	
<b>Net Loss per 3D Systems</b>	\$ (8.9)	\$ (8.4)	(5)%	\$ (29.8)	\$ (18.4)	(62)%
<i>% of Revenue</i>	(5.0)%	(5.3)%		(8.7)%	(5.8)%	
<b>Loss Per Share</b>	\$ (0.08)	\$ (0.08)	—%	(0.27)	(0.17)	(59)%



# Non-GAAP Financial Measures

<i>(in millions, except per share amounts)</i>	Second Quarter			Six Months Ended		
	2018	2017	Y/Y Change	2018	2017	Y/Y Change
Non-GAAP R&D Expense	\$ 22.5	\$ 24.4	(8)%	\$ 48.4	\$ 47.3	2%
Non-GAAP SG&A Expense	56.5	46.4	22%	110.1	95.9	15%
<b>Non-GAAP Operating Expenses</b>	<b>\$ 79.0</b>	<b>\$ 70.8</b>	<b>12%</b>	<b>\$ 158.5</b>	<b>\$ 143.2</b>	<b>11%</b>
Non-GAAP Net income (loss) attributable to 3D Systems Corporation	\$ 6.2	\$ 8.6	(27)%	\$ 2.8	\$ 15.6	(82)%
<b>Non-GAAP Net income (loss) per share available to 3D Systems Corporation common stockholders - basic and diluted</b>	<b>\$ 0.06</b>	<b>\$ 0.08</b>	<b>(28)%</b>	<b>\$ 0.02</b>	<b>\$ 0.14</b>	<b>(86)%</b>

- We use non-GAAP measures to supplement our financial statements presented on a GAAP basis because management believes non-GAAP financial measures are useful to investors in evaluating our operating performance and to facilitate a better understanding of the impact that strategic acquisitions, non-recurring charges and certain non-cash expenses had on our financial results.
- See appendix for reconciliation of non-GAAP items

# Revenue Drivers

Q2 2018 compared to Q2 2017:



Printers revenue increased 41% to \$39.2 million



Materials revenue increased 3% to \$45.0 million



Healthcare solutions increased 26% to \$61.4 million



On demand manufacturing increased 6% to \$27.4 million

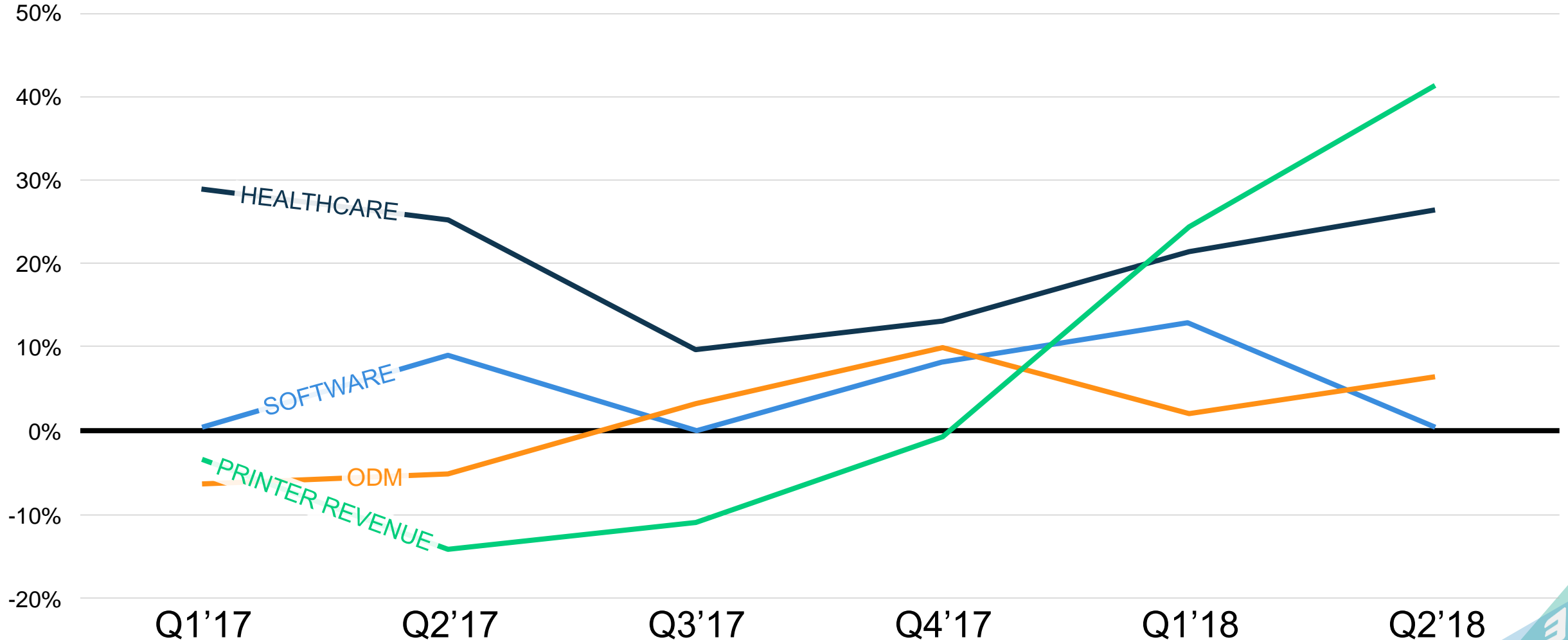


Software was approximately flat at \$24.1 million

# Revenue Growth Drivers

Investments and improved execution are beginning to show returns for key drivers of long-term revenue growth

## Year over Year Growth by Quarter

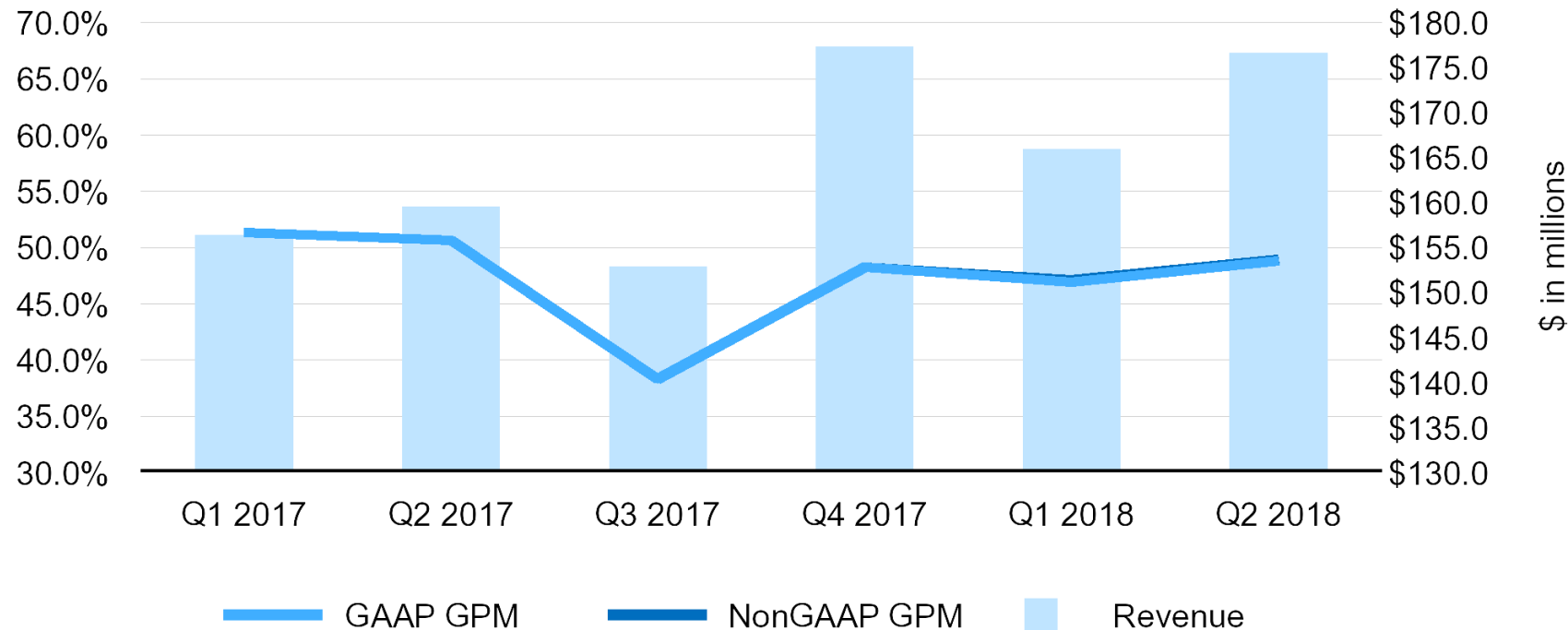


# New Product Update

- In Q2, we began shipping the FabPro 1000, industrial desktop printer and the ProX SLS 6100 with the widest range of materials
- In Q2, we also began shipping the MJP 2500 IC, designed for investment casting and foundry applications, within the U.S. with plans for global roll out later this year
- Last week, shipped the award winning Next Dent 5100 and related wide range of dental materials
- Beginning to ship Figure 4 stand-alone printer, which delivers faster time to part than competitive systems
- The previously discussed Fortune 50 beta user for a large scale production Figure 4 system converted to a sale in Q2 2018
- Throughout the remainder of 2018, we expect to start shipping modular Figure 4 systems, as well as the DMP 350 and large frame DMP 500 systems

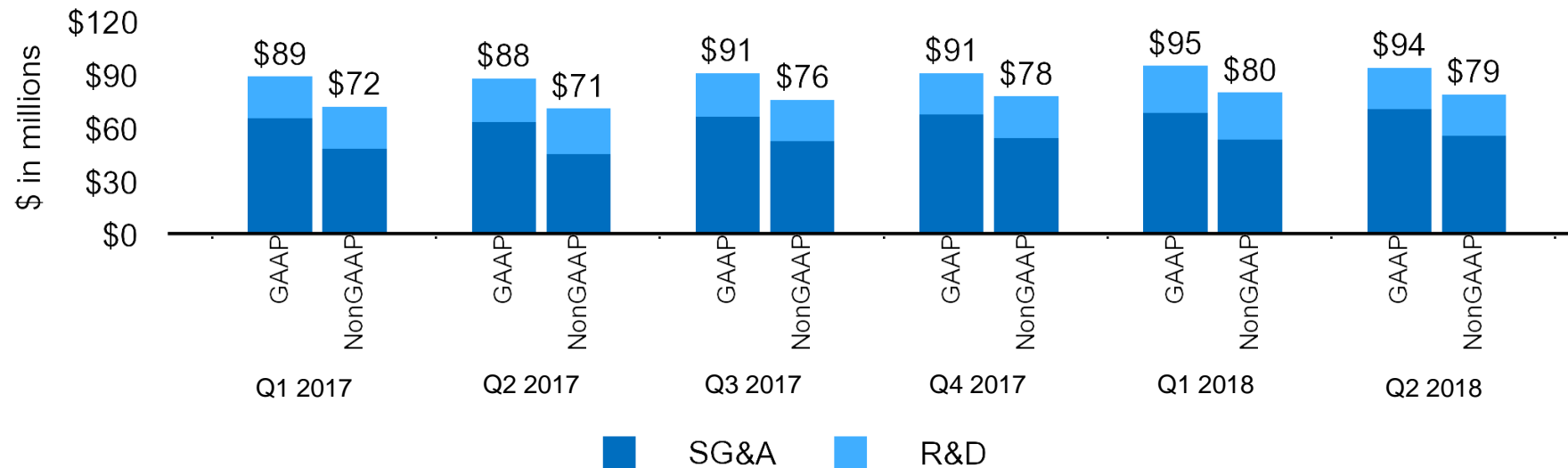
# Gross Profit and Margin

- GAAP GPM was 48.8% and non-GAAP GPM was 48.9% in Q2 2018
- We continue to drive supply chain optimization, manufacturing efficiencies and process improvements



# Operating Expenses

- Compared to second quarter last year, GAAP operating expenses increased 7% and non-GAAP operating expenses increased 12%
- SG&A expenses increased from investments in go-to-market and IT infrastructure and higher legal expenses
- R&D expenses decreased as we began to launch our new products which are planned to continue to roll out throughout 2018



See appendix for a reconciliation of non-GAAP operating expenses

# Q2 2018 Conclusion

- We are pleased with our results this quarter and the progress we have made to transform the company and improve execution to leverage our unmatched offering of additive solutions for the entire digital manufacturing workflow.
- We are very excited about our enhanced and complete end-to-end portfolio, ongoing innovation and significant market opportunities, while continuing to be keenly focused on execution and operational efficiency to drive long-term growth and profitability.



# 3D Systems Transformation Journey

2016

Listen, Learn and Build

2017–2018

Create Foundation for Growth

2019

Scale and Lead

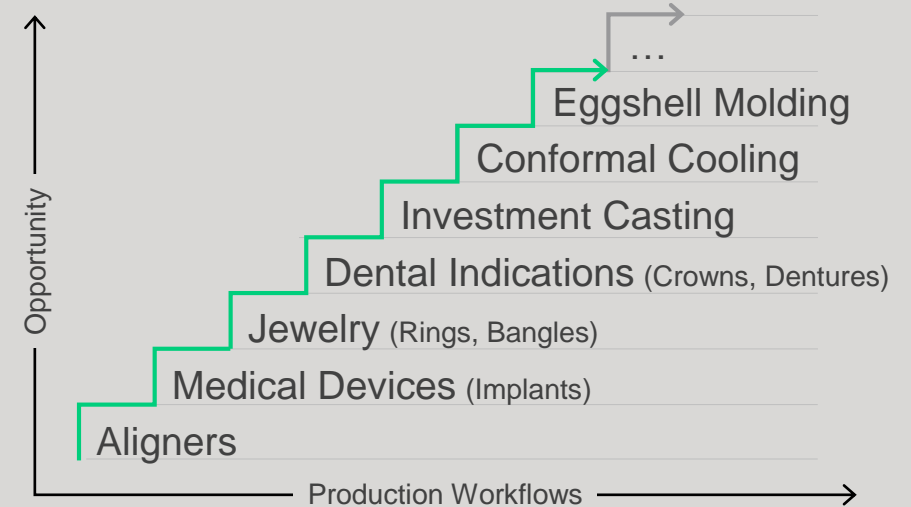


- Improve reliability, quality and win back customer confidence
- Prune product portfolio
- Understand the market trend and requirements for shift from prototyping to production
- Augment talent

## Key Success Factors



- Customer-driven innovation
- World-class cost structure
- Operational excellence
- Partnerships
- Talent and leadership



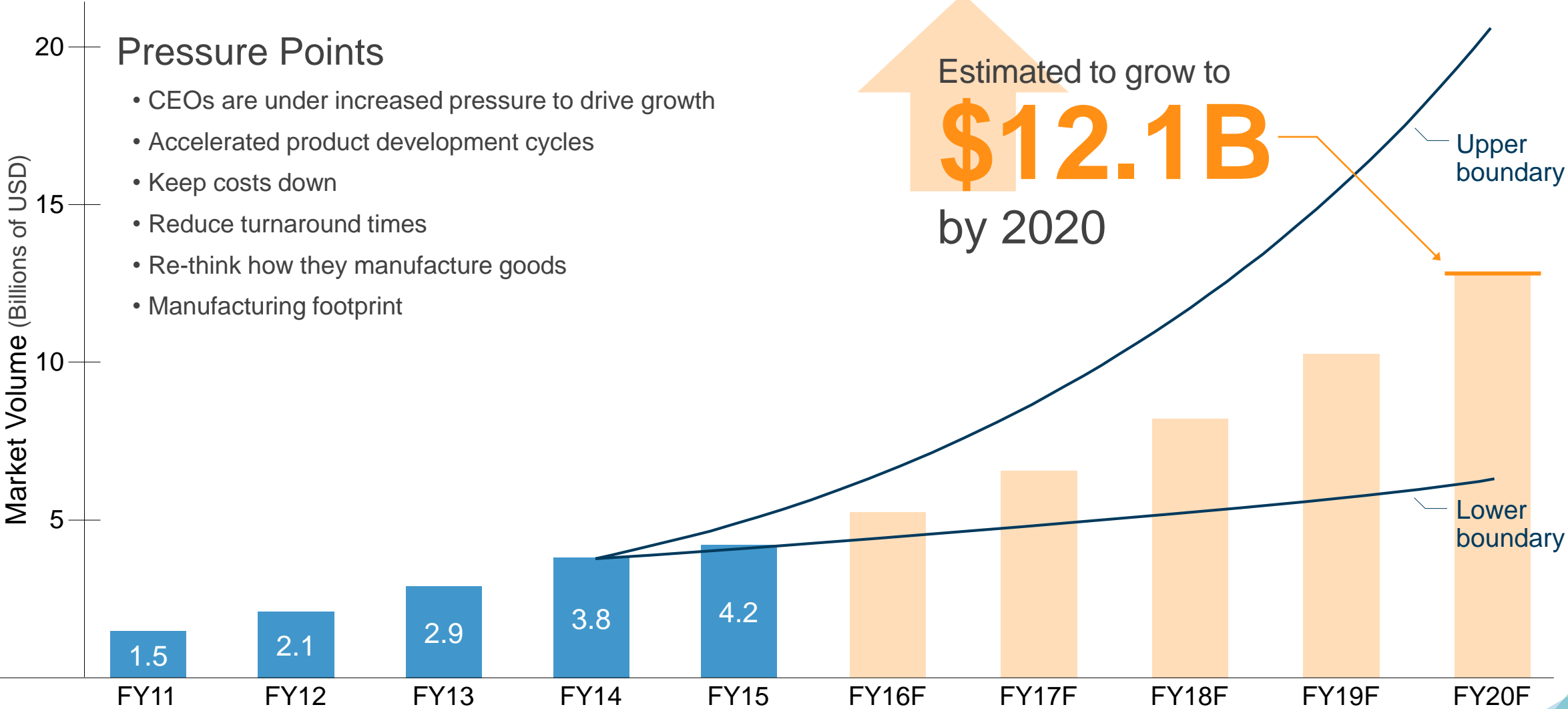
- New innovative production workflows and solutions
- Materials portfolio expansion
- Uptime-based technology services
- Scaling Customer Innovation Centers (CIC) & certified manufacturing partners

← April 2016

A grayscale background image of a business meeting. Several people are gathered around a table, looking at a laptop and various documents. The scene is overlaid with semi-transparent white data visualizations, including a line graph with a dashed trend line, a bar chart, and a pie chart. The text 'Market Opportunity & Competitive Landscape' is centered in white. The bottom right corner features a decorative graphic with overlapping teal, blue, and orange geometric shapes.

# Market Opportunity & Competitive Landscape

# Total Market Opportunity



## Pressure Points

- CEOs are under increased pressure to drive growth
- Accelerated product development cycles
- Keep costs down
- Reduce turnaround times
- Re-think how they manufacture goods
- Manufacturing footprint

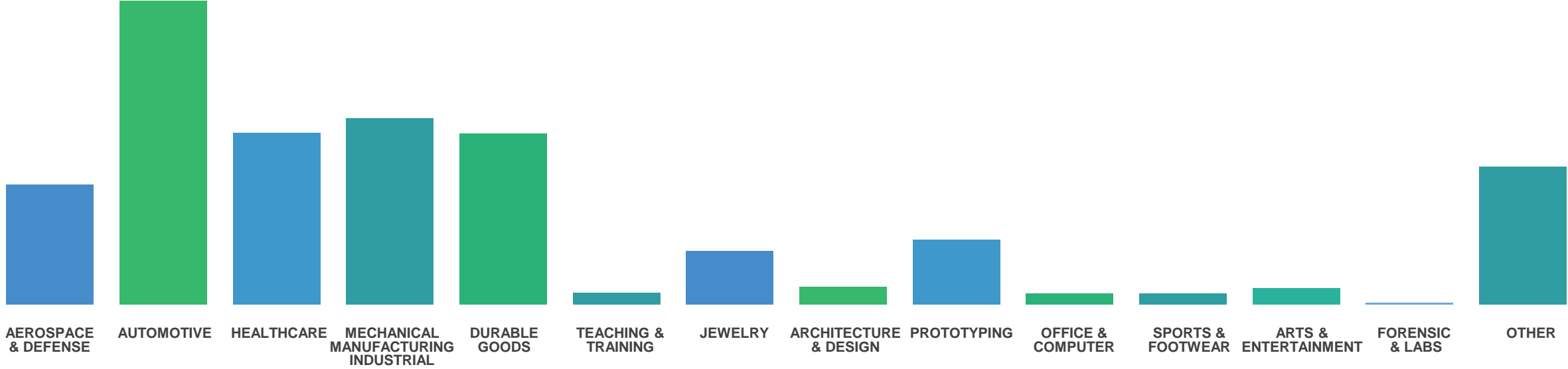
Estimated to grow to  
**\$12.1B**  
by 2020

Upper boundary

Lower boundary



# Customer Segmentation



# The Market

By Target Vertical

## Prototyping Workflows

## Production Workflows

### Rapid Prototyping Design Verification

### Functional Prototyping (10s to 1000s parts)

### Low Volume Production (10K to 25K parts)

### Med Vol Production (100K – Million+ parts)

**Healthcare**  
2.9B TAM



**Dental**  
0.5B TAM



**Automotive**  
3.9B TAM



**Durable Goods**  
3.5B TAM



**Aerospace**  
1.5B TAM



**Service Bureau**  
3.6B TAM

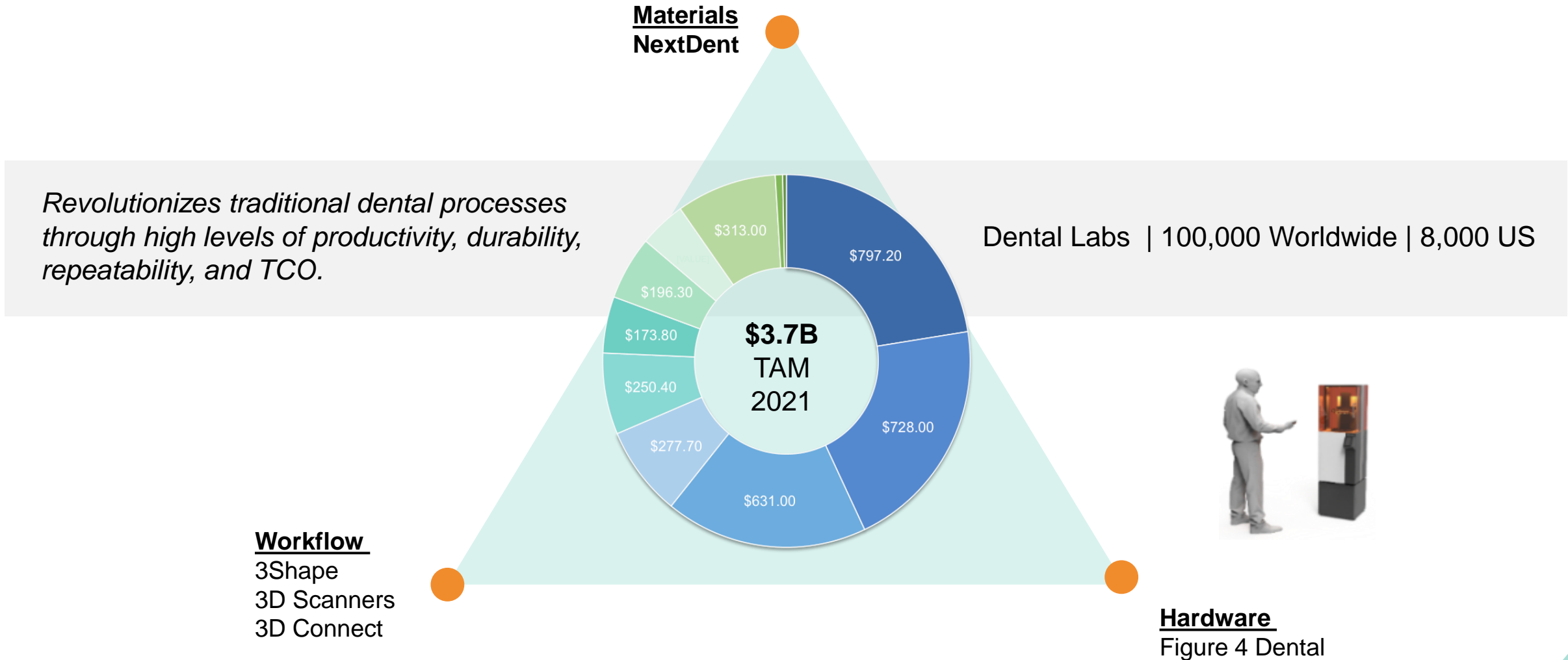


*\*Based on internal 3D Systems estimates, reflects 2017 size of market*



# Dental Market

Figure 4 Dental Market



\*Source: Smartech Research



# Investment Casting Market

- Global: \$13.8 Billion
- North America: \$6.13 Billion
  - General Industry: 13%
  - Automotive: 7%
  - Industrial, Gas, Turbine: 17%
  - Aerospace: 63%
- Europe: \$3.3 Billion
  - High Value Add: ~70%
  - Automotive/ other: ~30%
- 3DS Estimated Addressable Market: \$1.1B with the MJP 2500 IC



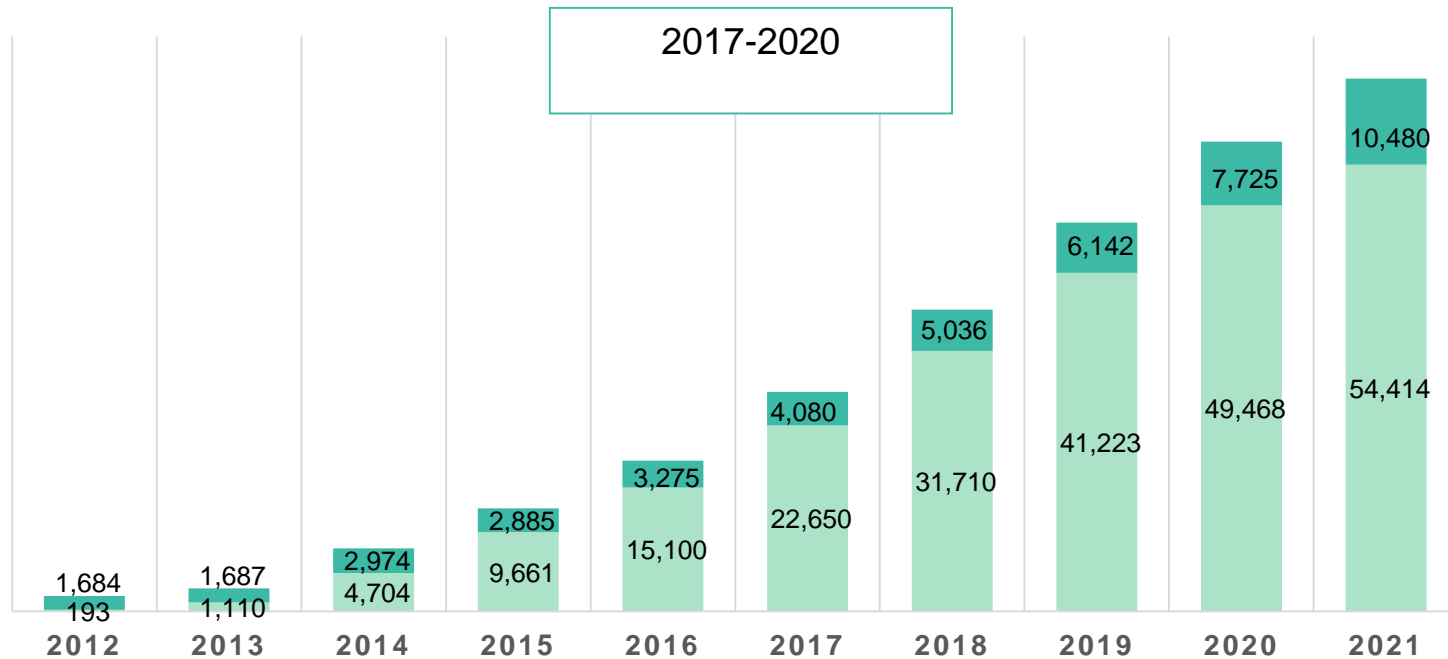
*\*Source: ICI and 3DS internal estimates*



# DLP Desktop Market

One of the fastest growing markets in additive

## DLP PROFESSIONAL UNITS UNDER \$10K



\*Source: Context Research Data

FabPro™ 1000 at \$4990



An affordable, industrial desktop 3D printer solution, which can also seed the market for Figure 4 adoption in the future

**Materials:** Functional Prototyping | Tough | Elastomer | Medical/Dental | Castable | Proprietary | Partnerships

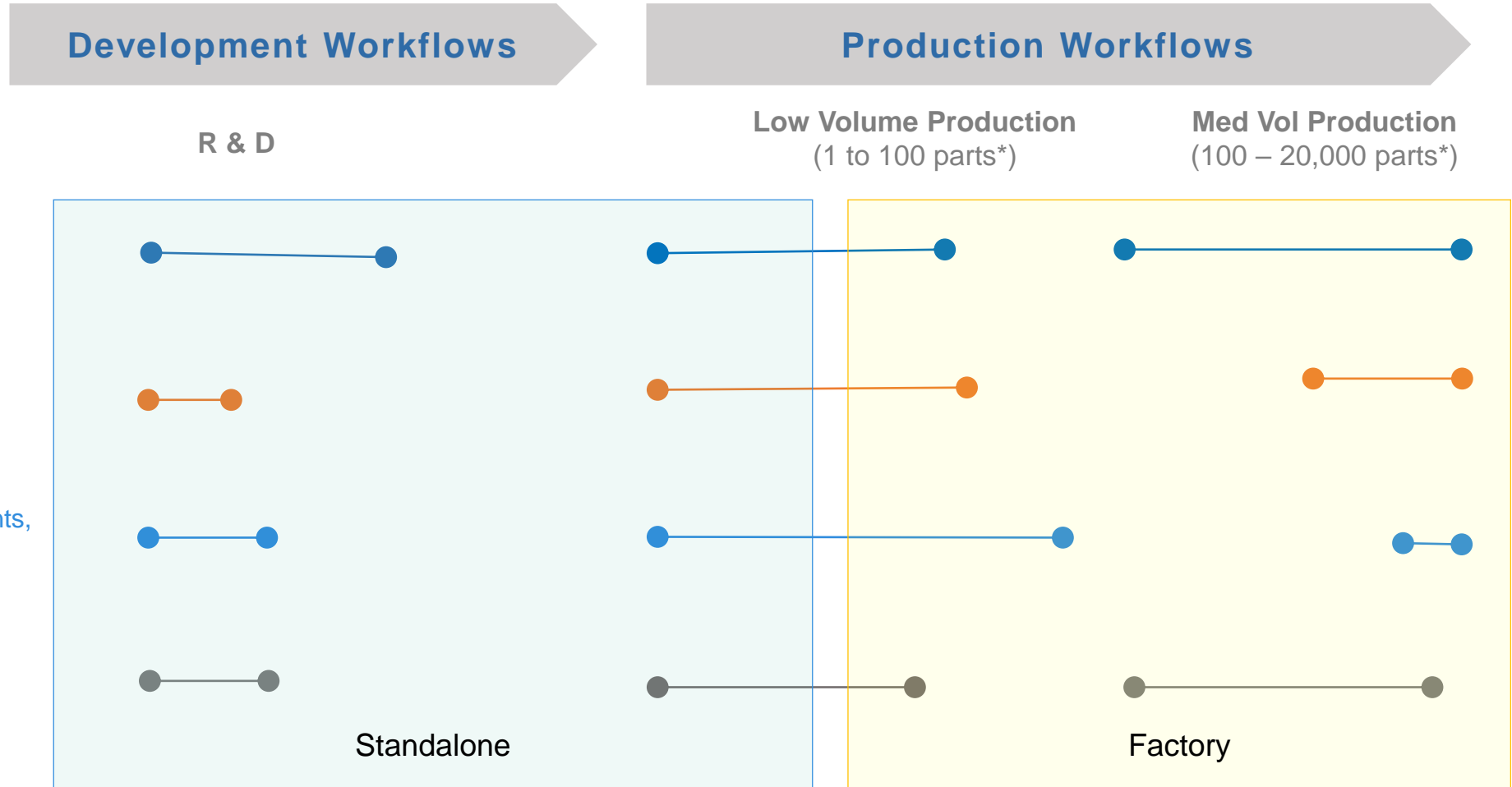
**Applications:** Job Shops | Design Shops | R&D departments | Jewelry Artisans & Fabricators | Emerging Geographies | Functional Prototyping | Low Volume Production

Sp 3D Sprint™



# DMP Factory 500 Market Opportunity

## Target Verticals and Applications



# Go-to-Market Strategy to Meet Customer Needs

Sales motions designed to meet the needs of different verticals, applications and markets

## Standalone solutions

- Sales cycles (can be <6 months)
- Prototyping environments
- Customer may be in early stages of additive use and knowledge
- Limited utilization
- Testing environments
- Regional or local presence
- Balance between direct sales and resellers, depending on product
- Ability in financing the deal
- Ability to support the customer
- Ability to buy and maintain demo units
- Application know-how
- Channel partners add value in certain geographies, certain language skills

## Factory solutions

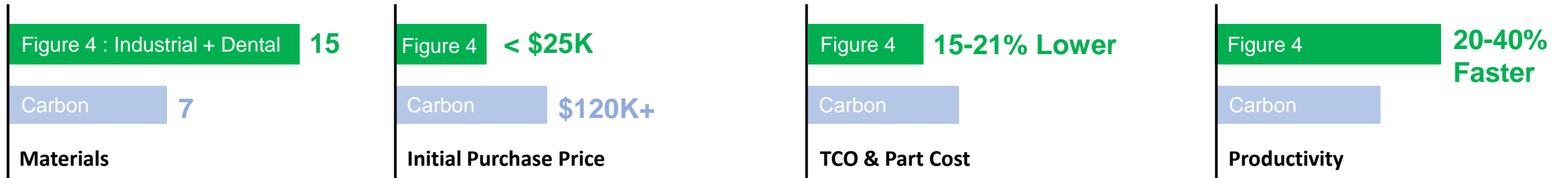
- Mainly direct supplier – customer relationship
- Mid- to long-term sales cycles (6-18+ months)
- Solution sale - printers, materials, software, service, application and certification knowledge
- Seller must have deep understanding of industry and customer use case
- Customer may have high degree of automation needs
- Backup and over-demand services part of the offering
- International reach, ability to service globally
- Skills and capabilities to design solution for customers
- Infrastructure needed to demonstrate and proof concepts
- Customer Innovation Centers and certified production centers
- Application know-how around solutions, services, certifications

*\*Based on internal 3D Systems estimates, reflects 2017 size of market*



# Figure 4 Standalone Wins vs. Carbon

Wins on Materials - TCO - Productivity - Initial Investment



Provides customer choice to ramp-up based on volume

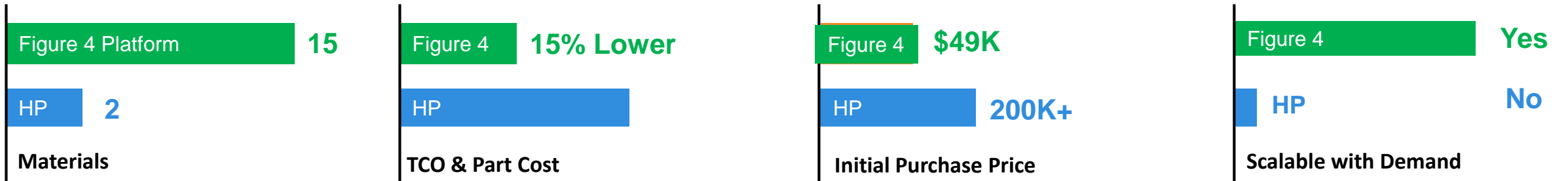


## Figure 4 vs. Carbon

Functional parts under \$25K | Scalable platform | Inline post processing | Broader use cases

# Figure 4 Modular Wins vs. HP

## Wins on Materials - TCO - Productivity - Initial Investment



## Figure 4 provides customer choice to ramp-up based on volume

Design Verification



Functional Prototype



Low Volume Production



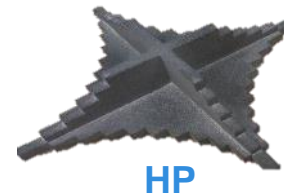
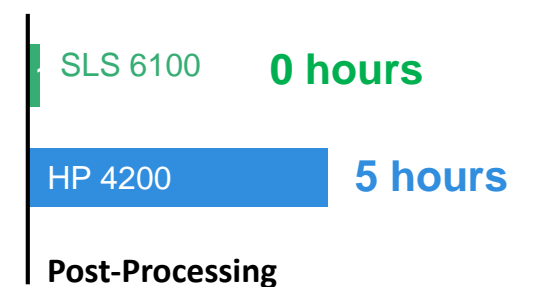
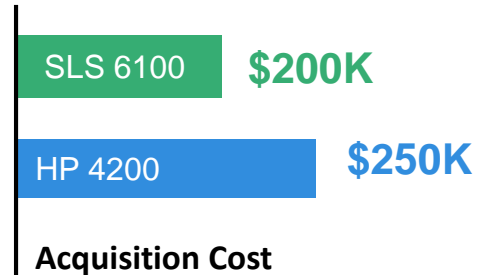
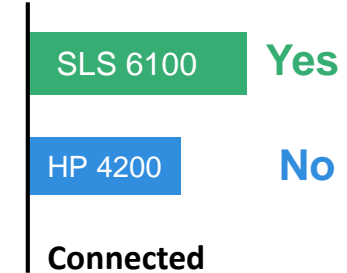
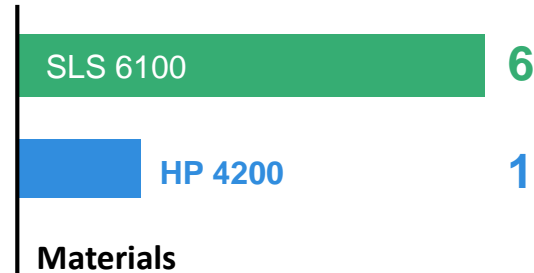
## Figure 4 Modular vs. HP MFJ

Functional parts under \$50K | Scalable Platform | Ramps to Factory Production | Inline post processing

# ProX SLS 6100 Wins vs. HP

## ProX SLS 6100 vs. HP MJF 4200

- Higher material count
- Larger build volume: more parts for every build
- 6 Industrial Materials vs. 1 from HP
- Large size printer format available
- 5 hour dyeing of parts not required
- Superior dimensional accuracy across small and large parts
- Superior part surface finish
- 3D Sprint provides enhanced capabilities
- 3D Connect provides full connectivity
- FDA certified food safe
- FAR certified for Aerospace



# Thank You



# 3D SYSTEMS®



# Appendix



# Non-GAAP Reconciliation

## Second Quarter Non-GAAP Earnings (Loss) per Share

<i>(in millions, except per share amounts)</i>	Quarter Ended June 30,		Six Months Ended June 30,	
	2018	2017	2018	2017
GAAP Net loss attributable to 3D Systems Corporation	\$ (8.9)	\$ (8.4)	\$ (29.8)	\$ (18.4)
Adjustments:				
Amortization, stock-based compensation & other 1	14.5	16.3	29.6	32.3
Legal and acquisition-related 2	(0.4)	0.7	—	1.7
Cost optimization plan 3	1.0	—	1.6	—
Impairment of cost-method investments 4	—	—	1.4	—
Non-GAAP net income attributable to 3D Systems Corporation	<b>\$ 6.2</b>	<b>\$ 8.6</b>	<b>\$ 2.8</b>	<b>\$ 15.6</b>
Non-GAAP net income per share available to 3D Systems common stock holders - basic and diluted 5	<b>\$ 0.06</b>	<b>\$ 0.08</b>	<b>\$ 0.02</b>	<b>\$ 0.14</b>

1 For the quarter ended June 30, 2018, the adjustment included \$0.1 in COGS and \$14.4 in SG&A. For the quarter ended June 30, 2017, the adjustment included \$0.1 in COGS and \$16.2 in SG&A. For the six months ended June 30, 2018, the adjustment included \$0.2 in COGS and \$29.4 in SG&A. For the six months ended June 30, 2017, the adjustment included \$0.2 in COGS and \$32.1 in SG&A.

2 For the quarter ended June 30, 2018, the adjustment included (\$0.4) in SG&A. For the quarter ended June 30, 2017, the adjustment included \$0.5 in SG&A and \$0.2 in interest and other income, net. For the six months ended June 30, 2017, the adjustment included \$1.5 in SG&A and \$0.2 in interest and other income, net.

3 For the quarter ended June 30, 2018, the adjustment included \$0.2 in COGS, \$0.7 in SG&A and \$0.1 in R&D. For the six months ended June 30, 2018, the adjustment included \$0.3 in COGS, \$1.1 in SG&A, and approximately \$0.2 in R&D.

4 The Company has minority investments of less than 20% ownership in enterprises that benefit from, or are powered by its technology portfolio. The value of each of these investments is assessed periodically, and impairment recorded when required. For the quarter and six months ended June 30, 2018, the adjustment included zero and \$1.4, respectively, in interest and other expense, net. The Company excluded this amount as it is not related to on-going operations, and intends to exclude these impairment amounts from non-GAAP net income going forward.

5 Denominator based on weighted average shares used in the GAAP EPS calculation.

# Non-GAAP Reconciliation

## Second Quarter Non-GAAP Gross Profit & Margin

<i>(in millions)</i>	Second Quarter		Six Months Ended	
	2018	2017	2018	2017
<b>GAAP Gross Profit</b>	\$ 86.2	\$ 80.7	\$ 164.0	\$ 160.9
<b>GAAP Gross Profit Margin</b>	48.8%	50.6%	47.9%	50.9%
Adjustments:				
Amortization, stock-based compensation & other	\$ 0.1	\$ 0.1	\$ 0.2	\$ —
Cost optimization plan	\$ 0.2	\$ —	\$ 0.3	\$ —
<b>Non-GAAP Gross Profit</b>	\$ 86.4	\$ 80.8	\$ 164.5	\$ 160.9
<b>Non-GAAP Gross Profit Margin</b>	48.9%	50.6%	48.0%	50.9%

- table may not foot due to rounding

# Non-GAAP Reconciliation

## Second Quarter Non-GAAP Operating Expenses

<i>(in millions)</i>	Second Quarter		Six Months Ended	
	2018	2017	2018	2017
<b>GAAP R&amp;D Expenses</b>	\$ 22.7	\$ 24.4	\$ 48.6	\$ 47.3
<b>GAAP SG&amp;A Expenses</b>	71.2	63.1	140.6	129.5
<b>GAAP Operating Expenses</b>	<b>\$ 93.9</b>	<b>\$ 87.5</b>	<b>\$ 189.2</b>	<b>\$ 176.8</b>
Adjustments to R&D Expenses:				
Cost optimization plan	0.2	—	0.2	—
<b>Non-GAAP R&amp;D Expenses</b>	<b>\$ 22.5</b>	<b>\$ 24.4</b>	<b>\$ 48.4</b>	<b>\$ 47.3</b>
Adjustments to SG&A Expenses:				
Amortization, stock-based compensation & other	14.3	16.2	29.4	32.1
Legal and acquisition-related	(0.4)	0.5	—	1.5
Cost optimization plan	0.7	—	1.1	—
Total Adjustments to SG&A Expenses	14.7	16.7	30.5	33.6
<b>Non-GAAP SG&amp;A Expenses</b>	<b>\$ 56.5</b>	<b>\$ 46.4</b>	<b>\$ 110.1</b>	<b>\$ 95.9</b>
<b>Non-GAAP Operating Expenses</b>	<b>\$ 79.0</b>	<b>\$ 70.8</b>	<b>\$ 158.5</b>	<b>\$ 143.2</b>

- table may not foot due to rounding