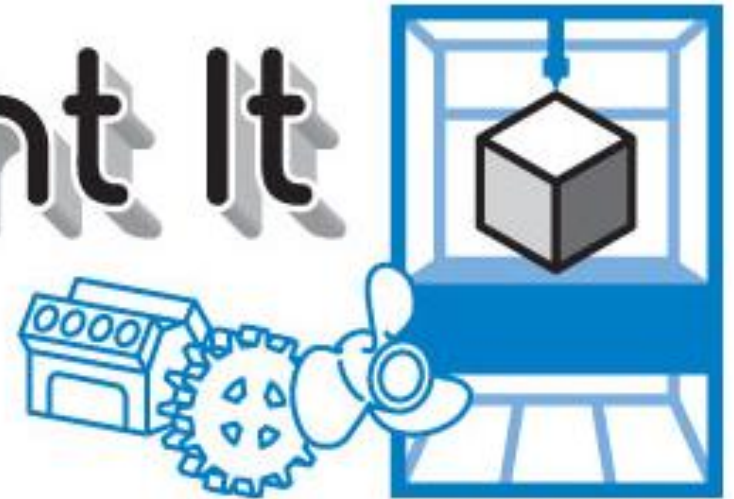




Just 3D Print It

Affordable & Fast Part Creation

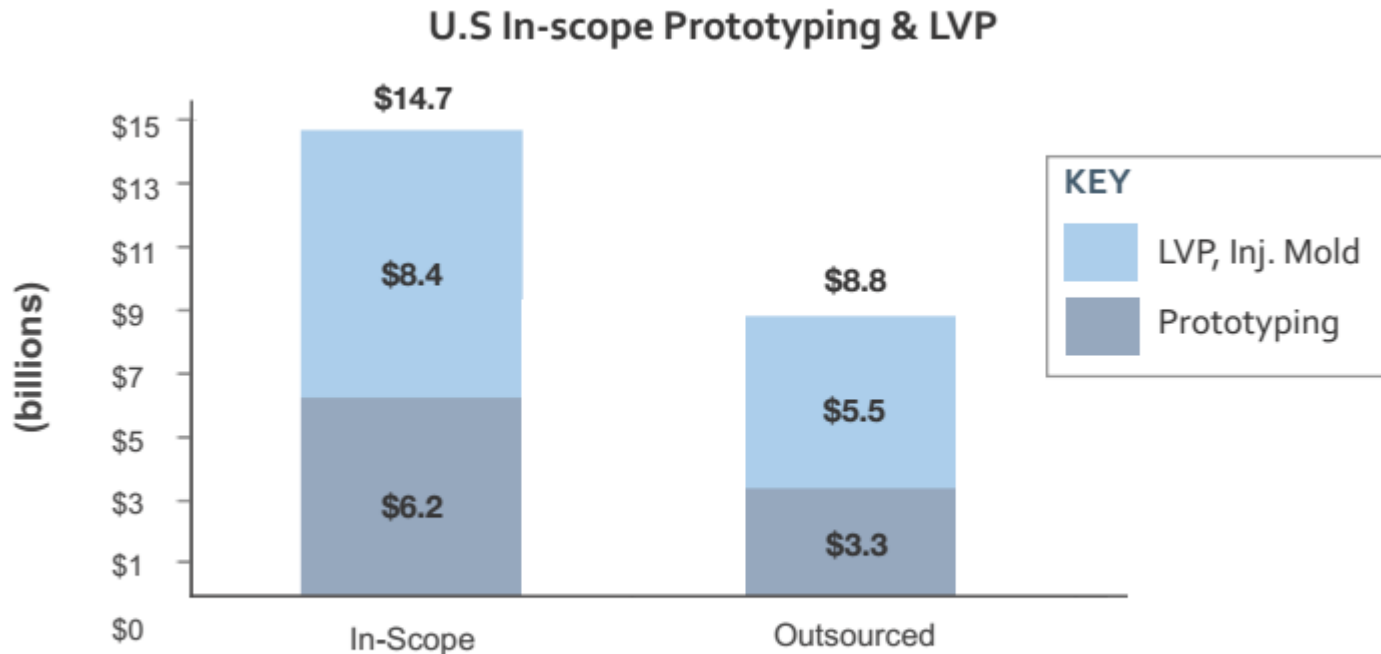


The 3D printing market has a huge hole

- Many 3D printer manufacturers – ranging 100+ unique companies and individuals
- Few large companies now using 3D printing for specialized purposes(e.g. rapid prototyping and weight savings)
- Hobbyist market taking shape with cheap 3D printers
- There is a gap for using 3D printing for manufacturing itself- particularly in small quantity runs for small and medium sized businesses where 3D printing has enormous potential for cost-savings (\$100k+ per product)

There is a large, untapped market

- US alone contains \$5.5B potential for 3DP in outsourced low-volume-production, of which only \$100M is being realized



ORCInternational

There are promising economics at small-scale



Based on the economics of one of JPI's current printers-

- Print 67.2 cubic centimeters of material a day at a cost of \$6.69 for depreciation, material, and electricity
- The printed material generates between \$67 and \$160 in revenue a day depending on our pricing (80% to 50% discounted from biggest players)
- A SG&A examination of a Philly office with three managers and one production engineer yields monthly revenues of \$28,000 and profit of \$6,750



The competition is varied but weak

- Do-It-Yourself Websites (Sculpteo, Shapeways) are capable, but impossible to use for non-engineers and have high prices
- 3D Printer Manufacturer service departments are full-service, but primarily interesting in selling printers, not making parts
- “Maker” Networks are affordable, but highly limited
- Other startups are in the same boat
- Boat/traditional manufacturers are slowly coming on-board and might find out-sourcing more cost-effective



Venture objectives to move JPI forward



- Fulfill 30-40 boating orders to get an idea of margins, viability
- Trial 10-15 diversity orders in other markets to investigate expansion possibilities
- Engaging in direct, online marketing to estimate CAC
- Stress test different materials and practices
- Acquire scanner and streamline CAD creation process
- Approach a larger chain to start doing business with it and procure product liability insurance
- Acquire additional funding as necessary (\$30K for summer 2015)

Thank you!

Any questions?