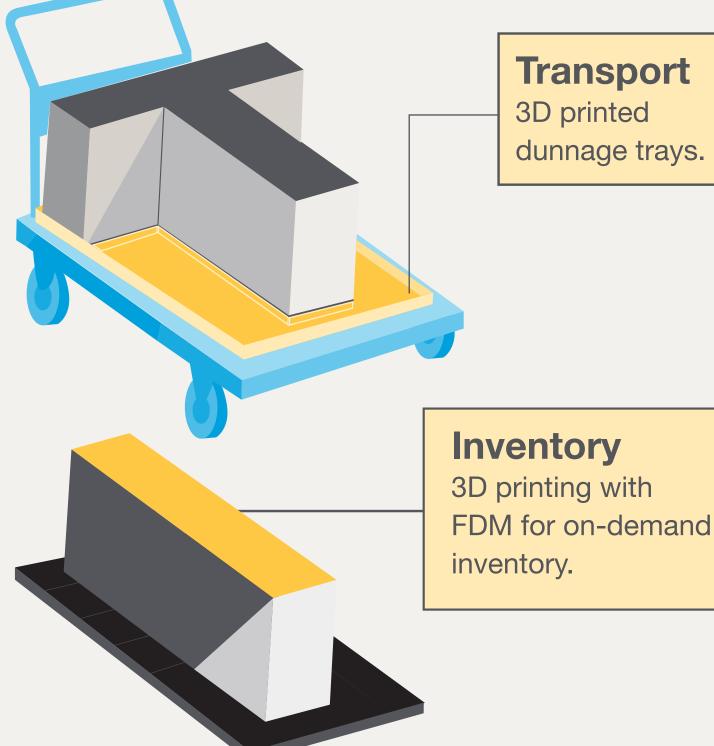


with ADDITIVE







5S workstations

Movement

with custom organizational systems.



Decrease

Waiting

down-time with 3D printed bridge tooling.

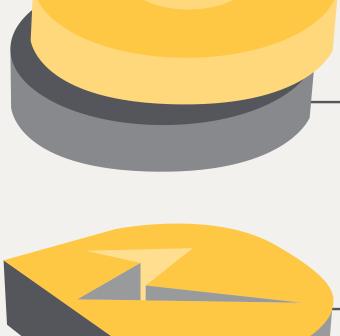


Standardize work practices by using

Over-Processing

3D printing alignment fixtures.

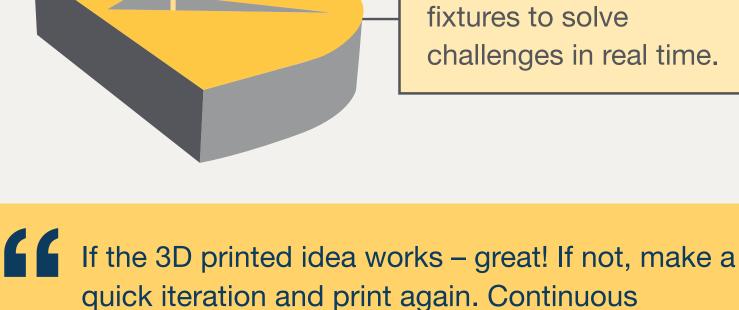
Over-



Quickly and effectively produce

Burdening

small quantities. **Defects**



fixtures to solve

challenges in real time.

Efficiently redesign

Orovement Jontinuous im 300% 30%

time or risk." -- Ryan Bocook, BOOM Supersonic

improvements are fast and simple with little cost,

Cost savings of 3D printed custom part

vs. outsourcing

increase in

productivity

85%

reduction in process

more productive

with organized

workstation

65%

time per task

The Benefits of LEAN Thinking

Liberty Electronics

15% **INCREASE** in productivity DECREASE in overhead costs Saved by Fortune 500 companies annually.

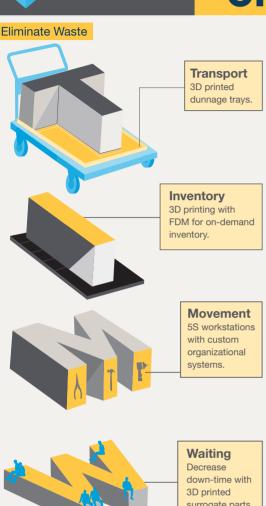
in accident rates http://www.shmula.com/what-does-it-mean-to-be-lean-six-sigma/12959/

How to meet the

LEAN DEMANDS



of TODAY'S using ADDITIVE OPERATIONS MANUFACTURING



nuous improvemeni

300%

30%

increase in

productivity

more productive with organized workstation

Cost savinas of 3D printed custom part vs. outsourcing

reduction in process time per task

85%

65%

surrogate parts. **Over-Processing**

Reduce over-processing by 3D printing alignment fixtures



Over-**Burdening**

Quickly and effectively produce small quantities



Defects

Efficiently redesign fixtures to solve challenges in real time.

If the 3D printed idea works – great! If not, make a quick iteration and print again. Continuous improvements are fast and simple with little cost, time or risk." -- Ryan Bocook, BOOM Supersonic

The Benefits of LEAN Thinking



in productivity

in overhead costs

in accident rates

Saved by Fortune 500 companies annually.

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