

Siemens PLM Software

Removing barriers to industrializing additive manufacturing

Growing acceptance

60% of companies believe 3D printing is the best technology to help competitiveness

52% of companies are prototyping today using additive manufacturing during the concept phase

78% of companies consider additive manufacturing during the concept phase

60%, 3D printing; 49%, new materials; 47%, 3D scanning; 47%, Cloud solutions; 44%, Internet of Things; 30%, mobility.

(Source: TechClarity, 2017)

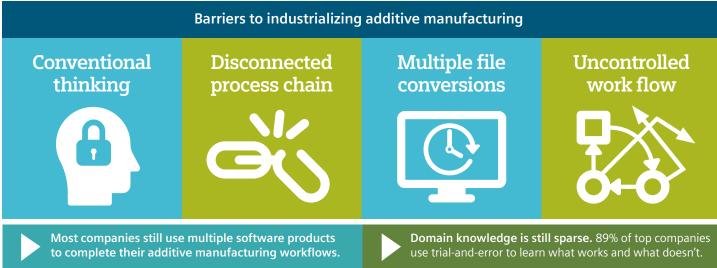
52% prototyping today; 51% using it for production or considering it for the future.

(Source: TechClarity, 2017)

74% believe parts must be redesigned to get the most out of additive manufacturing (AM).

(Source: TechClarity, 2017)

Obstacles still exist



(Source: TechClarity, 2017)

The potential is huge



58% of power users say they are looking to additive manufacturing to accelerate their product development. (Source: Sculpteo, 2017)

3D

90% of companies consider 3D printing a competitive advantage.

(Source: Sculpteo, 2017)

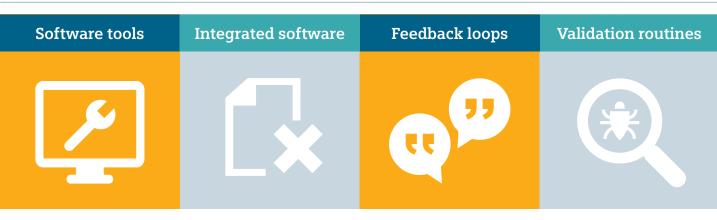


The primary global additive manufacturing market will be worth an estimated

\$10.8-to-12 billion by 2020.

(Source: Credit Suisse, Goldman Sachs, 2013)

Software integration is key



70% of top-performing companies look to their software tools for guidance when developing best practices around AM.

(Source: TechClarity, 2017)

Integrated software reduces time-to-print by removing inefficient process steps.

Integration facilitates associative feedback loops so changes to the manufacturing model can be returned to the design thread for validation.

Incorporated validation routines save time by using domain knowledge to find issues with parts long before they are sent to the shop floor.