

ANSYS Additive Manufacturing Update in 2019 R3

Additive Manufacturing:

- ANSYS Additive Prep has a new build processor that allows you to export a build file directly to an additive manufacturing (AM) machine
- Now you can toggle between the STL supports, meshes and element densities within ANSYS Workbench Additive.
- ANSYS Additive Print offers new support-related features:
 - The support-only cutoff feature helps you cut the support from the part — without separating the part from the baseplate under the displacement.
 - The support groups feature accounts for multiple support types (volume-less, solid) in a single simulation.



Fig: ANSYS Additive simulation process