

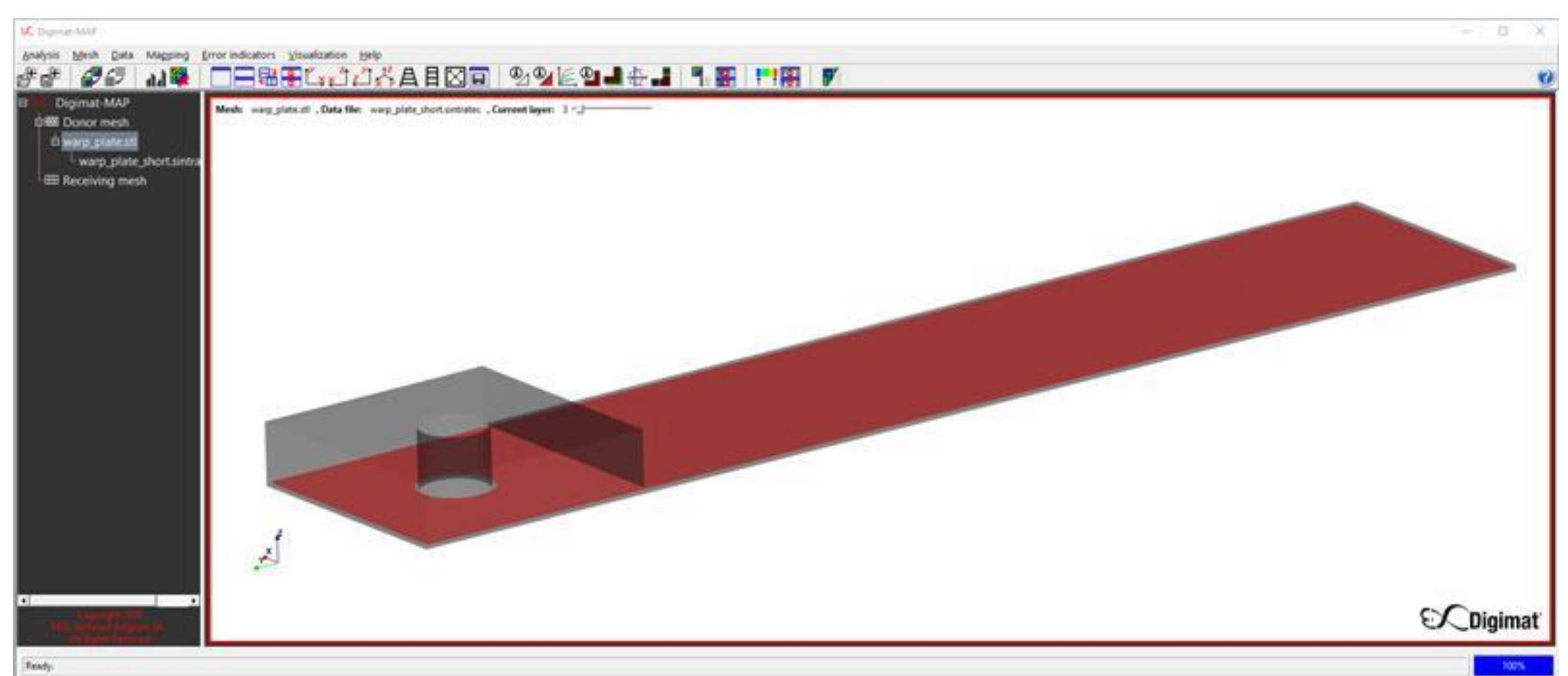
Digmat software supports VMAP format v0.4.0



Digmat product line performs ICME (Integrated Computational Material Engineering) thanks to multi-scale modeling techniques.

Digmat-Map is a general-purpose mapping tool to transfer fields, sets definition, microstructural information, ... between dissimilar meshes.

Digmat-AM is a solution for the simulation of polymer additive manufacturing process.



Digmat-Map software : Illustration of the import of a laserpath used for the additive manufacturing of a polymer part

Digmat-Map supports VMAP format v0.4 to transfer scalar, vector and tensor fields between dissimilar meshes made of 3D solid continuum elements.

e-Xstream, together with Bosch and Sintratec is developing a use case about ICME of polymer AM relying on SLS (Selective Laser Sintering).

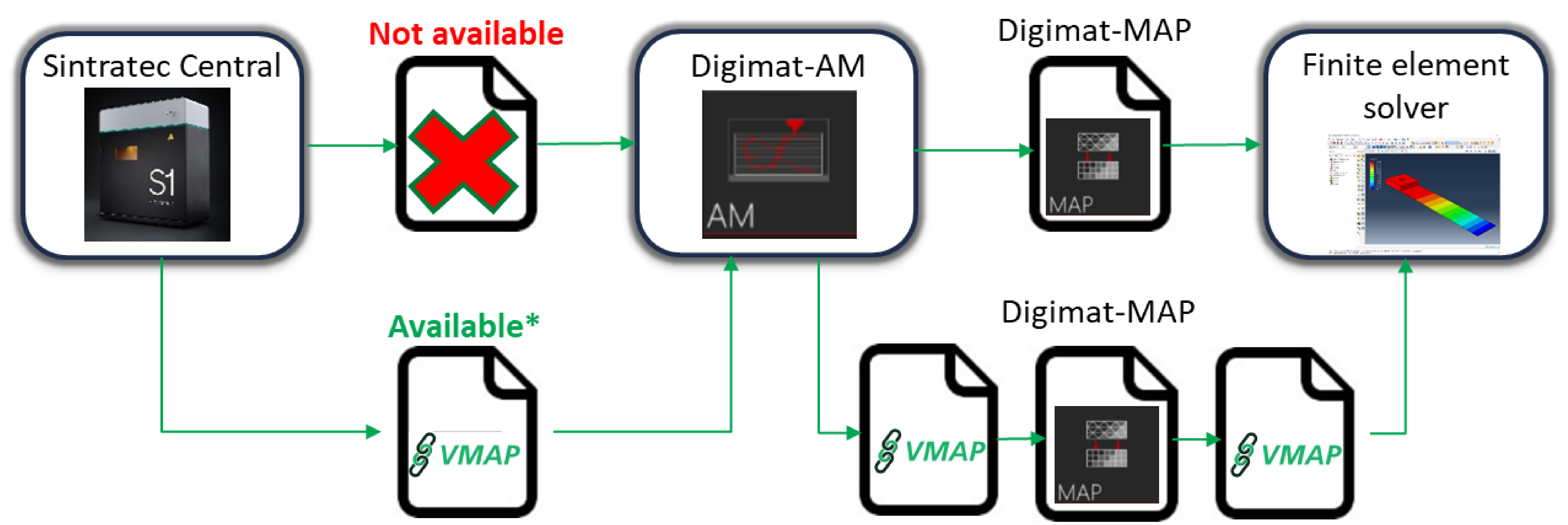


Illustration of the overall ICME workflow for polymer AM

