

Design for Additive Manufacturing (DfAM)

Empowering makers with a seamless, fully connected DfAM workflow



Integrated product design & process development

Benefit from a **cloud-based connected workflow** that integrates the different applications used along the product and associated manufacturing process development workflow.

Create lightweight, print-ready designs tailored for additive manufacturing using generative design. Then, **prepare for production and virtually print your part** to identify potential manufacturing issues. **Data-centric** approach enables a connected ecosystem.

- **Seamless integration** via open API & STD data flows.
- **Fluid collaboration** via direct and instant data sync.
- **Real-time insights** through visual collaborative whiteboard.



Hexagon's DfAM workflow is connected through the **Nexus platform** for a seamless, collaborative execution from product design to manufacturability check and manufacturing issues mitigation, all the way to print job preparation.

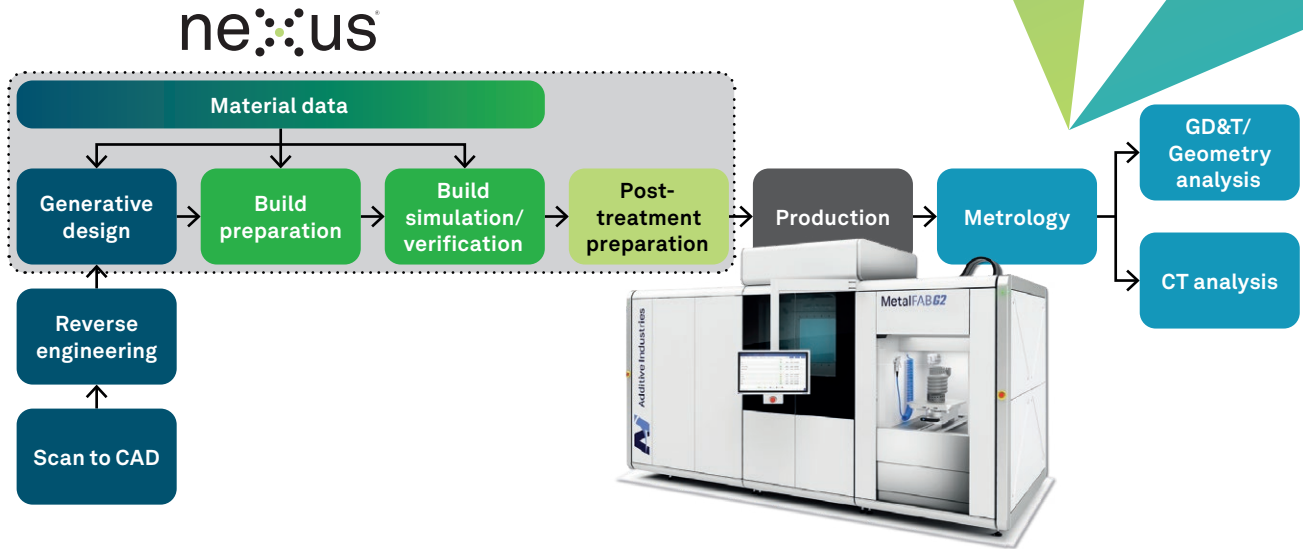
Advantages

- Live data collaboration
- No FEA expertise
- Cloud-based open cross-vendor integration
- User-defined workflows
- Leader in Additive Manufacturing simulation
- Metrology-integrated data for virtual quality inspection
- Integrated material data compliance & control

Amplify the value of the most trusted AM simulation software and the industry-leading Metrology portfolio

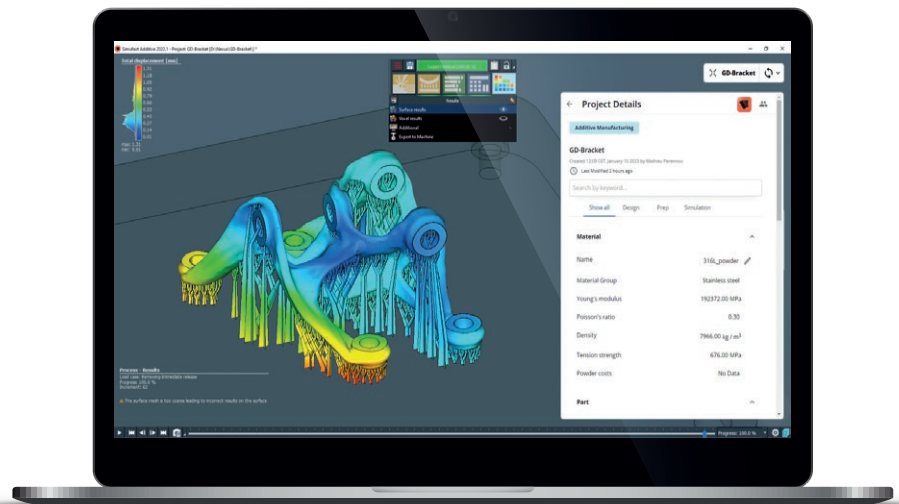
All-in-one capabilities. Print it right the first time!

- Generative Design
- Materials Management
- Virtual Manufacturing & Costing
- Build Preparation
- Dimensional Analysis
- Shape Compensation



DfAM Connected Workflow – Benefits

- Accelerate time to production
- Ensure material compliance
- Avoid data loss and enable workflow automation
- Enable true collaboration across the entire workflow



Design for Additive Manufacturing

Consists of: MSC Apex Generative Design, Simufact Additive and AM Studio.

ne:us SOLUTION



Try out the app on the Nexus Portal
nexus.hexagon.com