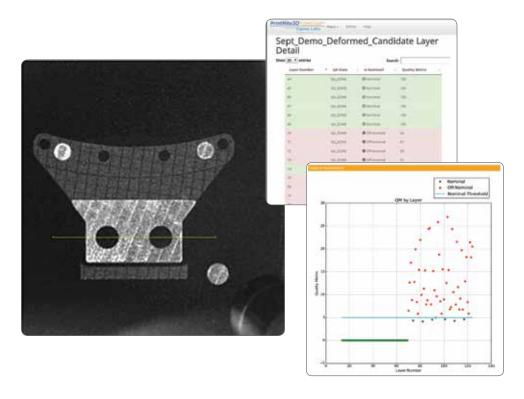
PrintRite3D° CONTOUR™

Process Control and Quality Assurance Software for Additive Manufacturing

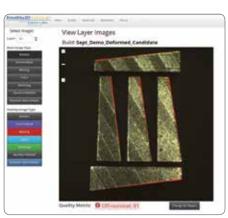


Software for real-time monitoring of in-process part geometry

- Layer-by-layer geometry measurement tool.
- Provides manufacturing engineers with the capability of comparison of 'as-built' to original digital CAD model 'should be'.
- ► Includes optics, mechanical system and data path to image two-dimensional melted powder.

REPORTING

- ▶ Powerful edge detection algorithms verify geometry of the component as it is being built.
- Provides three-dimensional roll up of all layers.



FEATURES

- Real-time in-process monitoring of geometry
- Collects in-process sensor and machine data
- Links real-time process data to critical-to-quality (CTQ) features
- Provides for process intervention
- Real-time acquisition and visualization: HMI module
- Measurement accuracy sufficient to resolve a 100µm feature in-plane

BENEFITS

- Provides objective evidence of compliance to design intent
- Early defect detection
- Scrap reduction
- Increased yield

