Multi-sensors and affiliated computing hardware to collect real-time data for AM processes

FEATURES
- Platform independent
- Third-party independent QA
- Retrofit or embedded install
- In-process layer-by-layer
- Web-based for multi-machine network

BENEFITS
- Provides objective evidence of compliance to design intent
- One system plant-wide
- Production optimization
- Early defect detection
- Scrap reduction and increased yield

- Multiple on-axis in-process sensors for meltpool spectral monitoring.
- When coupled with PrintRite3D® INSPECT™ or PrintRite3D® CONTOUR™ modules, enables part quality assessment during manufacturing.
- Capable of measuring the true in-process state variables associated with an additive manufacturing process.
- Web-based hardware and software is Industry 4.0 (Industrial Internet of Things) compatible.