A POWDER-TO-PART, CLOSED-LOOP AM ECOSYSTEM

Hardware, software, and processes to drive innovation
STOCK 50%+ LESS INVENTORY
through intelligent powder management

REDUCE POWDER COSTS BY UP TO 25%
by quantifying powder reuse limits

SPEND 50%+ LESS CHANGEOVER TIME
between builds with smart hardware solutions

IMPROVE QUALITY BY UP TO 30%
with traceability designed specifically
for AM powder

PUT OUR 130+ YEARS
of alloy and production expertise
to work for you

PARTNER WITH OUR INDUSTRY
-LEADING METALLURGISTS
and thousands more material and
industry experts on staff

The ultimate suite of
AM production tools
Enabling an agnostic range of hardware and software, including:
- Medical-grade stainless steel hoppers for bulk metal powder transportation and storage
- Stands and frames for holistic machine integration
- Closed-loop powder handling to reduce powder contamination and avoid exposure to safety and environmental hazards
- Lifecycle management software with automated data analytics to allow extended powder reuse, trace powder by batch, manage inventory, and ensure quality

ADD AN INTEGRATED AM OPERATING MODEL
By adding PowderLife to your AM workflow, you can:
- Reduce risk, improve safety and increase economic viability
- With 130+ years’ experience, Carpenter Additive is continually innovating our solutions to tackle AM challenges and drive improvements for the future of the industry.
- Significant ROI and improved operational efficiency
- Track your AM production from powder to part
- Improve productivity and equipment effectiveness
- Reduce metal powder waste
- Reduce risk, recalls, material waste, and costs
- Ensure traceability, quality, safety, and value
Your trusted partner in powder-to-part additive manufacturing

Carpenter Technology Corporation is a recognized leader in high-performance specialty alloy-based materials and process solutions for critical applications in the aerospace, defense, transportation, energy, industrial, medical, and consumer electronics markets.