

# POSTPROCESS

## AEROSPACE & DEFENSE

### Optimizing Workflows for Additive Manufacturing within Aerospace & Defense

PostProcess Technologies® gets finished parts to the front lines faster. Where performance, supply chain, and reliability are mission-critical, additive manufacturing (AM) has emerged as a powerful tool for innovation. Yet, traditional post-printing methods often fall short—slowing down workflows, introducing inconsistencies, and risking part integrity. PostProcess delivers the missing piece: a fully digitized, automated post-processing solution that transforms bottlenecks into streamlined, repeatable, and efficient operations.

Ultimately, **connecting the digital thread** from the part design stage through 3D printing to post-printing enables an efficient and streamlined experience delivering:

- + **Consistent part-to-part quality**
- + **Significantly reduced lead-times**
- + **Unmatched safety & sustainability**

## HISTORY OF SUCCESS

### Installed on Military Bases or with Aerospace & Defense Contractors:

70

SOLUTIONS

at

49

CUSTOMERS

Army Natick Soldier Systems  
Atomic Weapons  
Naval Surface Warfare  
VA Hospital  
FBI  
Army, Fort Mead  
DHS  
Raytheon  
Lockheed Martin  
Sandia National Labs  
Los Alamos  
Hill Airforce Base  
Wright Patt Airforce Base



**NORTHROP  
GRUMMAN**

**Raytheon**

**BOEING**

**LOCKHEED MARTIN**

**HARRIS**

**Picatinny Arsenal**

### PostProcess® BASE™

#### Automated FDM Support Removal

"PostProcess sped up our processing of FDM 3D printed parts and allowed us to deploy faster. In the past, we were reluctant to do sparse parts because support removal was done in a submersion system that filled the part up with detergent (and it was next to impossible to get all the detergent out of the part when finished). The spray system that the BASE uses allows us to remove support from sparse parts faster and without filling them up with detergent."

- From Matthew Hurley at the Army Base at Fort Mead



PostProcess BASE with Intelligent AUTOMAT3D® Software



### PostProcess DEMI 430™

#### Automated Resin Removal

The U.S. Army Combat Capabilities Development Command Soldier Center, or DEVCOM SC, is a longtime leading expert in anthropometric data and in designing clothing and equipment that protect soldiers while enabling, rather than hindering, the soldiers' tasks. Researchers at DEVCOM SC are working on a data collection effort that will ultimately benefit female soldiers by 3D scanning and printing probe helmets. Thanks to the 3D printed 'probe helmet' device, they can collect similar data within 30 minutes instead of 1-1.5 hours. PostProcess supported this project with the DEMI 430 automated solution to help advance the data collection procedure.



PostProcess DEMI 430 with Intelligent AUTOMAT3D Software