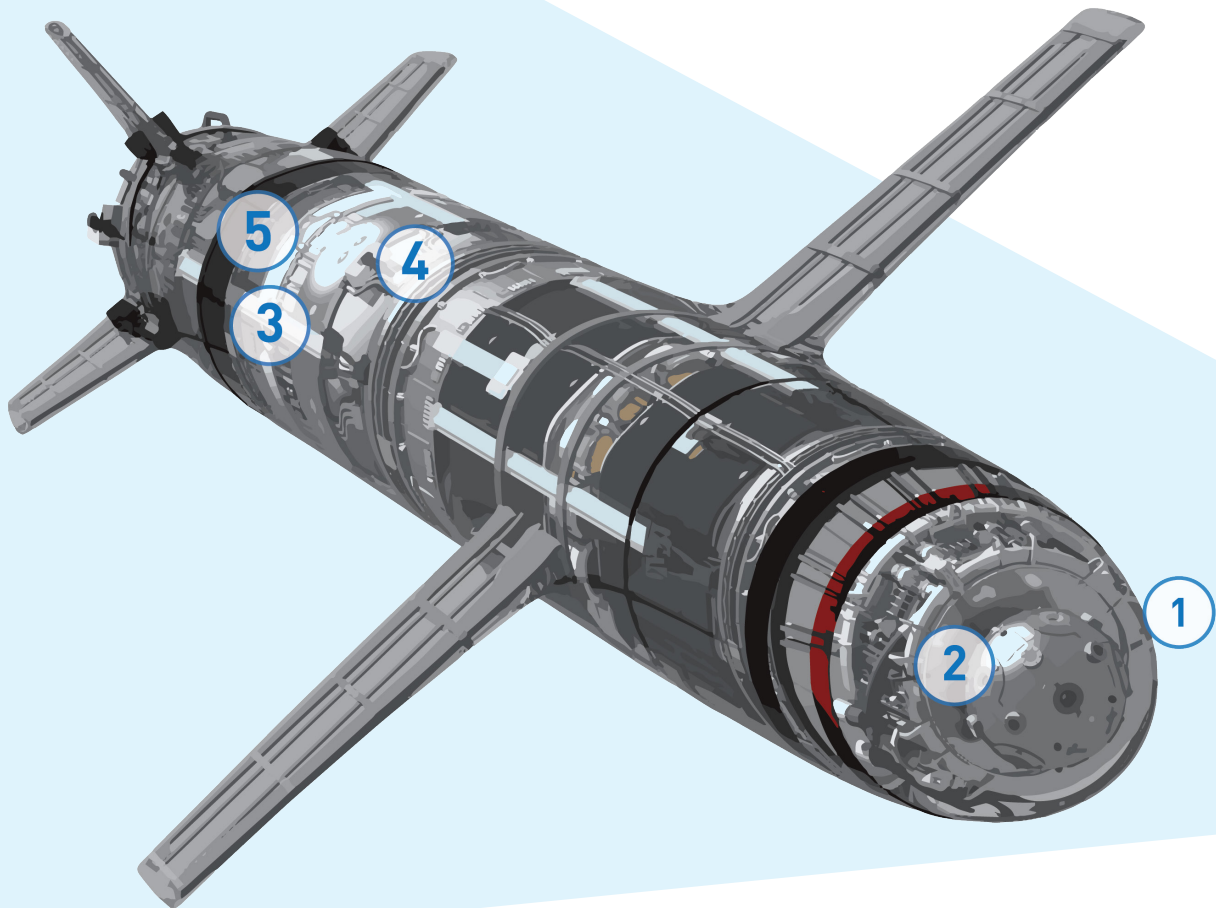




# BLUESHIFT

*Fast, Focused, Flexible*



- ① **Nose Cone - Exterior**  
AZ-TPS Polyimide: RF-transparent thermal protection  
AZ-TPS Graphite, AZ-TPS Metal (Stainless Steel, Titanium, Molybdenum): Compact Thermal Protection, Heat Spreading, Thermal Reflection

- ② **Radome - Interior**  
AZ-TPS, AZ-TPS Polyimide: RF Transparent Thermal Protection

- ③ **Battery & Electronics**  
AZ-TPS: Thermal Protection  
AZ-TPS FRB: Thermal Runaway Protection

- ④ **Skin Protection**  
AZ-TPS Graphite, AZ-TPS Metal (Stainless Steel, Titanium, Molybdenum)  
Compact Thermal Protection, Heat Spreading, Thermal Reflection

- ⑤ **Blast Tube Thermal Management**  
Custom AZ-TPS Multilayer System

Blueshift **designs, develops, and delivers** efficient thermal solutions that unlock our customers growth. **We are thermal protections specialists** working on some of the most challenging designs in the world

***Thin, lightweight, & easy-to-apply thermal solutions***

#### RF

##### Transparency

- AZ-TPS
- AZ-TPS Polyimide
- AZ-TPS Graphite

#### Flame Barrier

- AZ-TPS FRB



#### Heat Radiator

- AZ-TPS
- AZ-TPS Polyimide
- AZ-TPS FRB

#### Heat Reflector

- AZ-TPS Metal (Stainless Steel, Titanium, Molybdenum)
- AZ-TPS VDA

## Company Overview

**We are thermal specialists** who make a variety of thermal protection systems (TPS) & products that meet and exceed our customers thermal requirements. Our patent protected TPS support temperature applications from **-250°C to 2,000°C+**. Our core technology is our **AeroZero®** polyimide aerogel which is designed to endure the toughest of situations.



## Infrastructure

Blueshift is headquartered in Spencer, Massachusetts. Our facilities include a 10,000 ft<sup>2</sup> tech center and a 50,000ft<sup>2</sup>, vertically integrated, manufacturing plant.

Our TPS are produced in a roll-to-roll process that is close-loop (from resin production to complex parts creation). This ensures we're **fast** during collaboration, **focused** on optimizing design, and **flexible** in providing you with solutions that fit your unique application needs.