



## FIN CONTROL ACTUATION SYSTEMS

**For Defense and Aerospace companies to serve critical roles in our world, requires a partner who can connect the parts, products, and people that make the incredible possible.**

Allient (Allied Nexus Technologies) is a global leader in connecting motion, controls, and power technologies to create products and solutions for customers, from standard component products to preeminent custom-designed, vertically integrated systems for both OEMs and Tier 1 suppliers.



### Why Allient?

Allient's vertically integrated know-how and manufacturing of both COTS and custom-engineered solutions deliver highly customized solutions meeting the specific requirements of any missile and munitions applications.

For over 70 years Allient's technology has offered advanced motion, controls and power solutions. When accuracy and precision matter, choose Allient.

**CERTIFICATIONS:**  
AS9100 Rev-D, ISO-9001

### Demonstration Highlights

- Experience designing and manufacturing high-volume motor drives, gearing, and assemblies for ruggedized applications
- Current supplier of high-volume military motors in many successful CAS designs
- 260,000 combined sq. ft. of ITAR registered and AS9100 certified production facilities in the US with capacity to expand
- Capabilities beyond motor range from cabling, mechanical subassemblies, up to the entire CAS assembly

### Products and Systems

Allient's actuators, controllers, motors and gear boxes are commonly specified for new and legacy munition programs. Our electromechanical based system solutions include mil-spec brushed DC and brushless DC motors with integrated gearing provide fin rotation and control, as well as roll, de-roll and nod motion for missile seeker applications.

### Programs and Applications

Allient's library of mil-spec qualified motors and actuators support new and legacy munition programs.

#### Program Experience

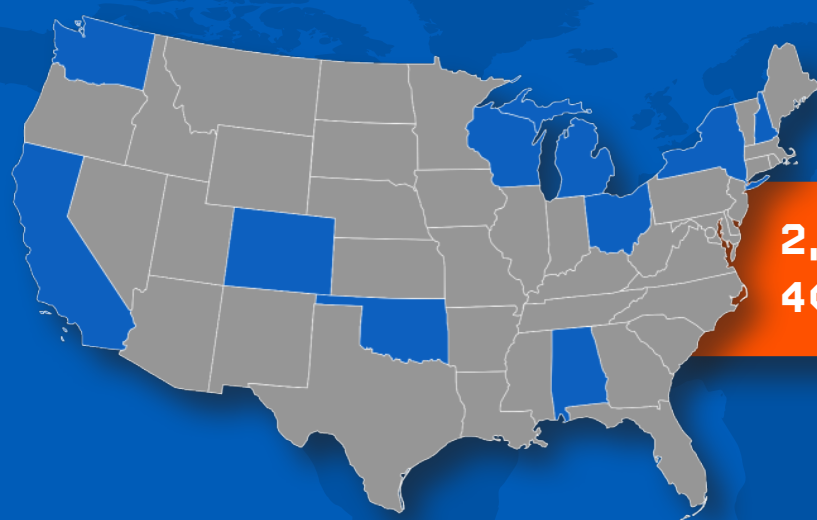
- Surface To Air Missiles
- Surface To Surface Air Missiles
- Air To Ground Missiles
- Torpedos

#### Applications

- Fin Control
- Seeker Motion
- High -G Gun Hardened

# Advanced Solutions for **AEROSPACE & DEFENSE**

**Allient**  
CONNECTING what matters  
*formerly Allied Motion*



**2,200+** Global Employees  
**400+** Global Engineers

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