



## CAPABILITIES



### END-TO-END PROJECT EXECUTION

Our team is with you throughout the entirety of your project, from initial concepts to post installation support.



### RESEARCH & STUDIES

We are experienced in conducting thorough research and technical studies that solve our customers' most challenging problems.



### DESIGN, ANALYSIS, & PROTOTYPE

We have expertise in design processes, analytical methods, and prototyping practices to make your vision a reality.



### PROCURE, PACK, & SHIP

Our seasoned professionals are uniquely qualified to lead and oversee vendors, procurement, packaging, and shipping.



### ASSEMBLY & INSTALLATION

We bring professional and responsive operations to the assembly, installation, and mission readiness of our projects.



### MAINTENANCE & SUPPORT

Customers can rely on Titan to provide high quality post-installation maintenance and support.

Titan Advanced Solutions, Inc. was founded to bring back affordable, responsive competition to the antenna, radar, telescope, and related industries. Titan delivers value by combining its exceptional mechanical engineering abilities with efficient project execution. This has led to the successful design, build, and delivery of systems deployed both in the US and globally. By taking a cradle-to-grave approach and coupling it with innovative solutions, we ensure customer success in every endeavor.

## ABOUT US

Established in March of 2016, Titan Advanced Solutions, Inc. is incorporated in Texas and located in the greater Dallas area.

We are experts in mechanical, system, and project engineering with extensive experience in all project aspects including planning, fabrication, integration, and installation.

Delivering robust technical solutions under budget and ahead of schedule is our priority and a key component of our success at Titan.

We strive to be current on engineering technologies and utilize our diverse project history to help our customers meet their objectives.

## PROJECTS

### ANTENNAS

#### *Original designs, installations, upgrades*

- Trailer structures - STT frame, mobile superstructure
- Platform/Flatrack - 3421, mount
- Pedestal - small flat panel array, cylindrical mounts
- Feeds - X/Ka exoskeleton, 16-port feed program management
- Site survey and assessments - ETAM, MP5
- Legacy projects - designs, upgrades, and retrofits ranging from 10m to 27m in size

## REGISTRATIONS

### BUSINESS IDENTIFICATION

SAM Registered, Small Business  
 DUNS: 08-024-6277  
 CAGE Code: 7MEJ2  
 EIN: 81-1968439  
 UEI: RJHADGMM46F4

## KEY TECHNOLOGIES

- Structural and mechanical analysis
- 3D modeling and simulation
- R&D and technical studies
- Risk identification and reduction
- Antenna, radar, and telescopes
- Large and small structures
- Tooling and equipment
- Mechanical devices and mechanisms
- Refurbishments and upgrades
- Site surveys and assessments
- Metrology and photogrammetry
- Field service and support
- CONUS/OCONUS installations and support
- Program management
- ISO 9001:2015 certified

## RADARS

#### *Original designs, installations*

- Structure - SMS aircraft signature
- Trailer mounted - projectile tracking
- Legacy projects - Cobra Judy, Space Fence

## TELESCOPES

#### *Original designs, installations*

- Relocation study - UKIRT
- Legacy projects - Discovery Channel

## OTHERS

#### *Original designs, installations*

- HMMWV payload - Phoenix E
- Foundation interface - VT-1

## NAICS CODES

541420, 541330, 541490, 541690, 332312, 334290, 332999, 333999, 334220, 334511, 336419, 541340, 541712, 928110

