

## OVERVIEW

Stellant Systems, Inc. (formerly L3Harris Electron Devices) is a premier manufacturer of critical spectrum RF/ Microwave high-power amplification products to the space, defense, medical, science, and industrial markets for both domestic and international customers.

- \* Approximately 1100 employees
- \* 5 Manufacturing Facilities - ISO9001:2015, AS9100:2016, DCMA certified
- \* The ONLY Vertically Integrated Space TWTA Supplier in the World
- \* The ONLY Manufacturer of Space-qualified TWTs in the USA



## HERITAGE

Our business started as *Charles Litton's Engineering Laboratories in 1932* (Redwood City, CA) and *Howard Hughes' Electron Tube Laboratory in 1959* (Culver City, CA). Along the way, there have been multiple acquisitions and consolidation of divisions that operated under larger organizations such as Sylvania, Loral, Hughes, Sperry, GE, RCA, Raytheon, L3Harris & COMTECH — to name a few.

*This heritage is preserved and continues today as Stellant Systems.*

## FACILITIES



### Torrance, CA (Headquarters)

3100 Lomita Blvd.  
Torrance, CA 90505  
T: 310-517-6000

460,000 sq. ft.  
ISO 9001:2015 & AS9100:2016



### Williamsport, PA

1035 Westminster Dr.  
Williamsport, PA 17701  
T: 570-326-3561

210,000 sq. ft.  
ISO 9001:2015 & AS9100:2022



### Folsom, CA

107 Woodmere Rd.  
Folsom, CA 95630  
T: 916-351-4500

57,000 sq. ft.  
ISO 9001:2015 & AS9100:2016



### Power Systems Technology

105 Baylis Road  
Melville, NY 11747  
T: 631-777-8900

46,000 sq. ft.  
ISO 9001:2015 & AS9100:2016

417 Boston Street  
Topsfield, MA 01983  
T: 978-887-5754

8,000 sq. ft.  
ISO 9001:2015

## MARKETS & APPLICATIONS

### SPACE

- \* Satellite Communications
- \* Propulsion Systems

### Defense | Directed Energy

- \* Electronic Attack/ Warfare Support/ Protection (EA/EWS/EP)
- \* Secured Communications
- \* Missile Defense
- \* Threat Simulators
- \* Unmanned Aerial Systems

### Medical & Scientific

- \* Research & Development
- \* Body Screening
- \* Radiotherapy
- \* Stereotactic/ Cancer Surgery
- \* Laser Dermatology/ Skin Surgery
- \* Refractive Eye Surgery
- \* Biomass Sterilization
- \* PPE Sterilization
- \* LINAC Applications

### Industrial | LINAC

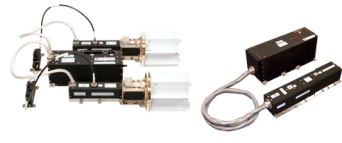
- \* Cooking/ Tempering/ Drying
- \* Plasma Reactor, Sintering
- \* Diamond/ Materials Processing
- \* Water Purification, Sterilization
- \* Broadcasting (TV Stations)
- \* Cargo Screening, Ship/ Eng. Ign.
- \* Laser Machining, Weather Radar
- \* Green Energy/ Decarbonization
- \* MW Accelerator, Catalyst Processes

# PRODUCTS



- \* Traveling-Wave Tubes (TWTs)
- \* Electronic Power Conditioners (EPCs)
- \* Traveling-Wave Tube Amplifiers (TWTAs)
- \* Solid-State Power Amplifiers (SSPAs)

- \* Space Microwave Power Module (MPM) - nanoMPM®
- \* XENON ION Propulsion System - XIPS®
- \* RF Components: Filters, Multiplexers



Traveling-Wave Tube/ Amplifiers



RF Components | Active & Passive



Propulsion System XIPS®



nanoMPM®



- \* Traveling-Wave Tubes (TWTs) *(Coupled Cavity, Helix, Millimeter Wave, Miniature, Ring-Bar)*
- \* Microwave Power Modules (MPMs)
- \* Klystrons

- \* Cross-Field Amplifiers
- \* RF Components: Active & Passive
- \* Solid-State Power Amplifiers (SSPAs) & Control Components



Traveling—Wave Tubes



Microwave Power Modules



Klystrons



Cross-Field Amplifiers



SSPAs & Control Components



- \* Klystrons
- \* Thyratrons
- \* Magnetrons
- \* Inductive Output Tubes (IOTs)
- \* Electronic Emitters (E-Guns)
- \* Solid-State Power Amplifiers (SSPAs) & Control Components



Klystrons



Thyratrons



Magnetrons



Inductive Output Tubes (IOTs)



SSPAs & Control Components



Electron-Guns



[www.StellantSystems.com](http://www.StellantSystems.com)