

OVERVIEW

Stellant Systems is a partner for civil, military, and commercial organizations whose missions seek to ensure a safe, aware, and connected world.

We are a premier manufacturer of critical spectrum and power amplification products for defense, space, medical & scientific and industrial applications to customers worldwide.

- * 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 & AS:9100:2022



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

- * 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

- * 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

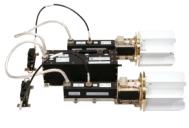
PRODUCTS



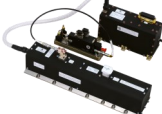
- * Traveling-Wave Tubes (TWTs)
- * Electronic Power Conditioners (EPCs)
- * Traveling-Wave Tube Amplifiers (TWTAs)
- * Solid State Power

Amplifiers (SSPAs)

- * Space Microwave Power Module (MPM) - nanoMPM®
- * XENON ION Propulsion System - XIPS®



Traveling-Wave Tube/ Amplifiers



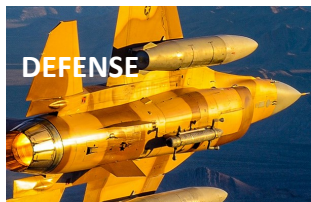
RF Components | Active & Passive



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