


UNMATCHED HERITAGE & HIGH-POWER AMPLIFICATION SYSTEMS

- » \$300m Premier Manufacturer of Critical Spectrum RF/ Microwave High Power Amplification Systems
 - » Formerly L3Harris Electron Devices and Narda Microwave-West
 - » October 2021—Acquired by private equity firm Arlington Capital Partners (ACP)
 - » Portfolio includes: 4 Markets and 14 separate product lines
 - » 5 Manufacturing Facilities—all ISO9001:2015, AS9100:2016, DCMA Certified
 - » Nearly 1100 employees with over 160 engineers
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- * **ONLY Manufacturer of Space-qualified Traveling-Wave Tubes (TWTs) in the USA**
 - * **ONLY Vertically Integrated Space Traveling-Wave Tube Amplifiers (TWTA) Supplier in the World**

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, GM Hughes, Sperry, GE, RCA, Raytheon, Boeing, L3Harris & Comtech — to name a few.

This Heritage is Preserved and Continues Today as Stellant Systems!

MARKETS

SPACE	DEFENSE	MEDICAL & SCIENTIFIC	INDUSTRIAL
<ul style="list-style-type: none"> * Satellite Communications * Propulsion Systems 	<ul style="list-style-type: none"> * Electronic Attack / Warfare Support / Protection (EA/EWS/EP) * Secured Communications * Missile Defense * Threat Simulators * Unmanned Aerial Systems 	<ul style="list-style-type: none"> * Research & Development * Body Screening, Radiotherapy * Stereotactic / Cancer Surgery * Laser Dermatology / Skin Surgery * Refractive Eye Surgery * Biomass Sterilization * PPE Sterilization * LINAC Applications 	<ul style="list-style-type: none"> * 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

FACILITIES



Torrance, CA (Headquarters)

3100 Lomita Blvd.
Torrance, CA 90505
T: 310-517-6000
460,000 sq. ft.
ISO 9001:2015 & AS9100:2016

Products

- **Space Applications**
 - * Traveling-Wave Tubes (TWT)
 - * Traveling-Wave Tube Amplifiers (TWTAs)
 - * Microwave Power Modules - nanoMPM®
 - * Propulsion Systems - XIPS®
- **Defense applications**
 - * Traveling-Wave Tubes (TWTs)
 - * Microwave Power Modules



Williamsport, PA

1035 Westminster Dr.
Williamsport, PA 17701
T: 570-326-3561
210,000 sq. ft.
ISO 9001:2015 & AS:9100:2022

Products

- | | |
|--|--|
| Defense Applications <ul style="list-style-type: none"> ▪ Traveling-Wave Tubes ▪ Microwave Power Modules ▪ Crossed-Field Amplifiers ▪ Klystrons | Medical/ Scientific & Industrial <ul style="list-style-type: none"> ▪ Magnetrans ▪ Thyratrons ▪ Klystrons ▪ Electronic Emitters |
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Folsom, CA

107 Woodmere Rd.
Folsom, CA 95630
T: 916-351-4500
57,000 sq. ft.
ISO 9001:2015 & AS9100:2016

Products

- **Space & Defense Applications**
 - * Passive Components: Filters, Diplexers & Multiplexers, Power Dividers, Combiners, Couplers, Multifunction Assemblies
 - * Active Components: Solid State Power Amplifiers (SSPA), Linearized Channel Amplifiers (LCAMPS), Low Noise Amplifiers (LNAs), Frequency Converters



Power Systems Technology

105 Baylis Road Melville, NY 11747 T: 631-777-8900 >30,000 sq. ft. ISO 9001:2015 & AS9100:2016	417 Boston Street Topsfield, MA 01983 T: 978-887-5754
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Products

- **Commercial/ Defense/ Medical Applications**
 - * RF & Microwave Power Amplifiers (SSPAs)
 - * SMT Control Components: Switches, Limiters

PRODUCTS

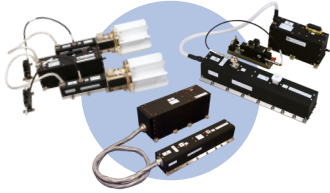


SPACE

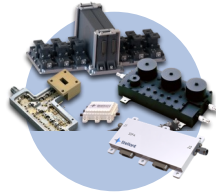


- * Traveling-Wave Tubes (TWTs)
- * Electronic Power Conditioners (EPCs)
- * Traveling-Wave Tube Amplifiers (TWTAs)
- * Solid State Power Amplifiers (SSPAs)

- * Space Microwave Power Module (MPM) – nanoMPM®
- * XENON ION Propulsion System – XIPS®
- * Active & Passive RF Components



Traveling-Wave Tube / Amplifiers



Active & Passive RF Components



Propulsion System- XIPS®



nanoMPM®

DEFENSE



- * Traveling-Wave Tubes (TWTs)
(Coupled Cavity, Helix, Millimeter Wave, Miniature, Ring-Bar)
- * Microwave Power Modules (MPMs)
- * Solid State Power Amplifiers (SSPA)

- * Klystrons
- * Cross-Field Amplifiers
- * Active & Passive RF Components
- * SMT Control Components



Traveling-Wave Tubes



Microwave Power Modules



Klystrons & Cross-Field Amplifiers



Active & Passive RF Components



Solid State Power Amplifiers & SMT Control Components

MEDICAL & SCIENTIFIC



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

INDUSTRIAL



Klystrons



Thyratrons



Magnetrons



Inductive Output Tubes (IOTs)



Electron-Guns



Solid State Power Amplifiers SMT Control Components

www.StellantSystems.com



This document consists of general capabilities information that is not defined as controlled technical data under ITAR Part 120.10 or EAR Part 772. Data including specifications, contained within this document are summary in nature and subject to change at any time without notice at Stellant's discretion.