We Make Lives Better!

Our high-power, high-frequency devices help solve medical and scientific challenges around the world.





Magnetrons



Thyratrons & Electronic Emitters (E-Guns)



Klystrons



Inductive Output Tubes (IOTs)



- Body Screening
- Stereotactic / Cancer Surgery
- Laser Dermatology / Skin Surgery
- Refractive Eye Surgery
- Radiotherapy
- Biomass Sterilization
- PPE Sterilization

LINAC Applications



Together, We Can Go Farther.

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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 RF power amplification systems for defense, space, medical/scientific and industrial customers worldwide.

History of Innovation

Our business started as Charles Litton's Engineering Laboratories in 1932 (Redwood City, CA) and Howard Hughes Microwave Tube division 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 — to name a few.

This heritage is preserved and continues today as Stellant Systems.

Our Business

- * Over 800 employees
- * 3 manufacturing facilities
- Only domestic supplier of space-qualified TWTs and TWTAs
- * ISO 9001:2015, AS9100:2016, DCMA certifications



StellantSystems.com











Headquarters

3100 Lomita Blvd.

Torrance, California 90505

T: 310-517-6000

Email: info@stellantsystems.com



1035 Westminster Dr.

Williamsport, Pennsylvania 17701

T: 570-326-3561

Email: info@stellantsystems.com



107 Woodmere Rd.

Folsom, California 95630

T: 916-351-4500

Email: info@stellantsystems.com





