

PROVIDING HIGH-POWER DEVICES FOR
THE MICROWAVE AND RF SYSTEMS
BEHIND MOST EVERYDAY NEEDS



Magnetrons &
Electronic Emitters (E-Guns)



Thyratrons



Klystrons



Inductive Output
Tubes (IOTs)

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



Together, We Can Go Farther.

INDUSTRIAL

Together, We Can Go Farther.

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



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