

Aerospace and Defense Solutions



Delivering the solutions that
keep our troops safe on the ground
in the water and in the air...
it's our only mission.

EXCELITAS
TECHNOLOGIES



Keeping Our Troops Safe
with 50 years of Unequaled
Experience Supporting
Mission-Critical Programs



A Proven Heritage of Leadership in Supporting Critical Defense and Aerospace Programs

Mission-Critical Performance

Today's advanced defense and aerospace applications demand a partner that will provide the technology

and expertise to get the job done right the first time. When it comes to mission-critical performance, reliability and support, Excelitas Technologies delivers it all.

Excelitas has been intimately involved in the defense and aerospace industry for over 50 years and understands what it takes to get even the most complex project off the ground. From initial design to deployment, Excelitas consistently delivers mission-critical solutions for demanding defense and aerospace applications. Every product, whether customized to exact customer requirements, ruggedized commercial off-the-shelf units (COTS), or build-to-print, is engineered to meet stringent performance requirements and operate in extreme environments.



Unequaled Experience

Our entire product family is backed by Excelitas' exceptional ISO 9001-certified design, production and test capabilities and more than 50 years of experience in hardware, software and systems integration. Excelitas Technologies' leadership in defense and aerospace design is the product of many exceptional capabilities:

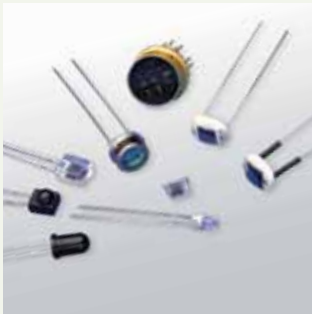
- Innovative technologies
- Engineering expertise
- Comprehensive manufacturing
- Materials analysis
- Expert testing facilities
- State-of-the-art instrumentation in surface science, metallurgy, thermal analysis, and x-ray diffraction



Exceptional Partnerships With Our Customers

Excelitas works closely with each customer throughout the entire product life cycle—from concept definition through long-term after-market support—while providing expert technical input at every step along the way. Dedicated program management services ensure successful attainment of qualification milestones, on-time delivery schedules and adherence to contractual commitments.

By utilizing a wide range of standard and customized components from within the portfolio, Excelitas is able to offer high-performance, integrated systems that provide more reliable and cost-effective solutions for its customers. Specialized design and test capabilities ensure reliable solutions that work flawlessly the first time, significantly reducing critical cost and performance risks of unproven designs. These unique capabilities fuel our ability to consistently deliver solutions that meet or exceed the complex specifications and critically short deadlines of the most demanding defense and aerospace applications.



Sensors

Excelitas' wide variety of photodetectors and pulsed laser diodes are ideal for:

- Laser range finding
- Semi-active laser receiver and terminal guidance
- Laser warning systems
- Proximity fuzing



Power Supplies

Excelitas' family of converters, controllers, sequencers, and digitally controlled power supplies provide high fidelity power for:

- Solid state radars/EW systems
- Communication systems
- Command and control systems
- Depot and repair services



Energetic Systems

Excelitas is a leader in energetic initiation and control with a variety of detonators, initiators, Electronic Safe Arm Devices (ESAD) and Ignition Safety Devices (ISD) for:

- Warhead initiation
- Rocket motor ignition
- CAD/PAD
- MIL-STD 1901A compliance



Radiant Sources

High-performance, rugged radiant energy solutions provide superior capability in:

- Infrared countermeasure systems
- Spacecraft lighting



Rubidium Time Standards

Excelitas' precise rubidium atomic frequency/time standards are ideal, whether on earth or in space for:

- Tactical communications systems
- Navigation systems
- Global positioning



High Energy Switching

Excelitas is a world leader in design and manufacture of hermetically sealed, high energy switching devices suitable for:

- Crowbar protection devices
- Radar systems
- Energetic triggering
- Medical instrumentation



LEDs

Excelitas offers a wide range of standard and custom LEDs for:

- Interior aircraft lighting
- Anti-collision beacons
- Navigation lights
- Defense tactical displays



About Excelitas Technologies

Excelitas Technologies is a global technology leader focused on delivering innovative, customized solutions to meet the lighting, detection and other high-performance technology needs of OEM customers.

From aerospace and defense applications to medical lighting, analytical instrumentation, clinical diagnostics, industrial, and safety and security applications, Excelitas Technologies is committed to enabling our customers' success in their specialty end-markets. Excelitas Technologies has approximately 3,000 employees in North America, Europe and Asia, serving customers across the world.

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