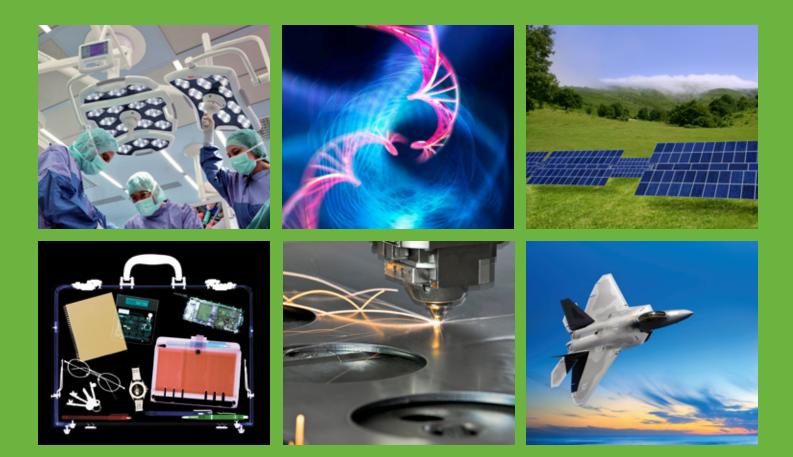


DELIVERING INNOVATIVE TECHNOLOGY SOLUTIONS TO OEMS



ENGAGE.ENABLE.EXCEL.

Excelitas Technologies provides innovative, customized optoelectronics and advanced electronic systems to a global customer base of leading OEMs seeking highperformance, market-driven technology solutions. We are committed to enabling our OEM customers' success in their markets and applications.



A Broad Range of Customized, High-Performance Technologies, Products and Solutions

Lighting

Light Emitting Diodes (LEDs)

Short-Arc Xenon Lighting

Flash Lamps

Detection

Avalanche Photodiodes

Photodiodes and Photodiode Arrays

Photon Counting Devices, Modules, and Optical Receivers

Pyroelectric Infrared Detectors and Modules

Thermopile Infrared Detectors and Modules

Infrared Emitting Diodes

Pulsed Laser Diodes

CCD Cameras and Imagers

Advanced Electronic Systems

Frequency Standards/Atomic Clocks Energetic Safety Systems Power Supplies Spark Gaps Thyratrons



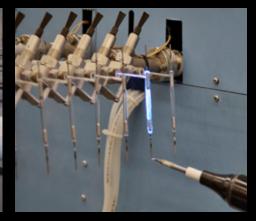
A Legacy of Pioneering Innovation

Excelitas has a strong heritage of technology leadership and continuing product innovation dating back to its earliest days as EG&G - named after MIT technology pioneers, Edgerton, Germeshausen, and Grier. The founders' legacy was grounded in high-performance technology solutions and pioneering innovations and this carries into Excelitas Technologies today.

Quality Commitment: Excellence is Embodied in All We Do

Our company name, Excelitas Technologies, exemplifies our guiding principle – excellence is embodied in all that we do - including all aspects of product performance, quality, reliability, delivery and service. Excelitas is committed to stringent manufacturing and quality systems. We have a Continuous Improvement (CI) culture including robust Six Sigma and Lean manufacturing processes. In fact, nearly 40% of our worldwide workforce has 6-Sigma Belts.







Our continued investments in manufacturing capacity and quality systems ensure that our customers have a long-term, guaranteed supply of high-quality components and subsystems for supporting their successful market introductions.



Global Footprint. Global Resources. Local Support.

Excelitas is committed to meeting your local needs, wherever they might be. We have a diverse global network of ISO-certified design and manufacturing sites across the Americas, Europe and Asia. Our applications support experts, sales and customer care personnel are there to assist in addressing your company's unique needs.



Across the globe, we aim to forge collaborative customer partnerships and direct engineer-to-engineer relationships. Whether supported by our expanded Montreal wafer fab for avalanche photodiode production, our LED Centers of Excellence on three continents or our state-of-the-art Energetic Safety Systems facility, Excelitas is focused on enabling our global OEM customers' success.

Medical Applications

Surgical Suite Lighting Endoscopy Lighting Dental Lighting Dental Curing Surgical Headlamps Intense Pulsed Light Therapy for Skin Rejuvenation Photoepilation Photodynamic Therapy for Newborns Medical Laser Pumping Microscopy Molecular/PET Imaging Ear and Forehead Thermometry Photometry Pulse Oximetry



Excelitas thermopiles reliably enable the world's best-known ear thermometers.



Excelitas' low light level detection portfolio especially technologies such as APDs, SPCMs and SiPMs - are playing an increasingly enabling role in medical diagnostics and combined platforms such as Magnetic Resonance Imaging and Positron-emission Tomography, MRI/PET scanning.

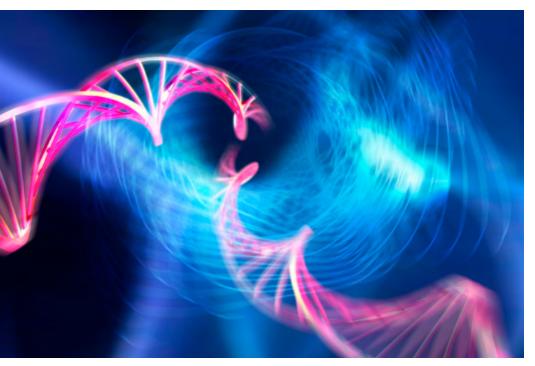


Excelitas brings decades of experience to the design, manufacture, and marketing of high-performance, customized solutions to demanding medical applications.

Cermax[®] Xenon is a trusted brand name that is virtually synonymous with medical lighting applications and perfect bright, white light, whether for endoscopic illumination, surgical headlamps, or robotic surgery equipment. Over the years, we have continued to expand upon our lighting portfolio which includes a broad range of both LED-based and Xenon solutions. Several of our lighting facilities are specifically certified to ISO13485:2003 for medical devices. With our world-class thermopile detectors, Excelitas is a highly trusted brand enabling consumer health applications such as Ear and Forehead Thermometry. Excelitas continues to drive MEMS innovation including the introduction of the DigiPile® Family of digital thermopiles for non-contact temperature measurement applications. Excelitas' photodiode/LED assemblies are playing a critical role in medical applications such as Pulse Oximetry, a non-invasive method allowing monitoring of the oxygenation of a patient's hemoglobin.



Analytical Instrumentation and Life Sciences Applications

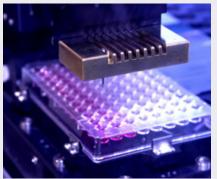


DNA Sequencing Blood Glucose Monitoring Clinical Diagnostics Colorimetry Confocal Microscopy Fluorescence and Luminescence Spectroscopy High Throughput Screening Liquid Chromatography Microplate Readers Nucleic Acid Amplification Particle Sizing Time-correlated single photon counting (TCSPC)

At Excelitas Technologies, we share in our customers' commitment to finding answers.

We are providing leading analytical and clinical diagnostics instrumentation OEMs with broad expertise in both light emission and detection. Excelitas offers our customers a range of products from discrete lamps and sensors to fully integrated light engines, analytical subsystems, and detection modules.

OEMs can confidently turn to Excelitas for answers that leverage our integrated light emission and detection solutions so they can focus on unlocking the mysteries around disease and treatment.



Excelitas' lighting and detection solutions are designed into today's leading microplate reader instrumentation.

Excelitas' LED Solutions are helping enable low-cost sequencing of the human genome.

Excelitas' specialized APDs and SPCMs are meeting the low light level analytical detection demands of confocal microscopy, particle sizing, fluorescence and luminescence.



Energy-Conserving and Environmental Applications

Solar (Sunlight) Simulation Energy-saving Lighting Intelligent Air Conditioners Smart Thermostats Energy-efficient Printer/Copiers Energy-efficient Microwave ovens Automotive Sunload and Twilight Light Sensing Battery Monitoring in Electric Cars Proximity Light Switching Dusk-to-Dawn Light Switching Smart Gaming Controllers Smart PC Monitors and TVs UV Lighting for Sterilization

According to a study performed by ERA Technology, in a single year, Excelitas' sensors have saved an estimated 22 million tons of carbon dioxide emissions from applications ranging from intelligent air conditioners to proximity and dusk-todawn light switches.





One of Excelitas' key goals is to enable a host of energy-conserving applications to help ensure a greener and more sustainable future.

We provide OEMs with a variety of environmentally-focused applications solutions fueled by Excelitas' industryleading technologies. Our DigiPyro® digital pyrodetectors monitor presence and then automatically switch lights on or off based on occupancy. Our high-performance thermopile infrared detector arrays are deployed in intelligent air conditioners which actively direct airflow based on the location of room occupants.

With lower power consumption, substantially less heat output, and long life, our LED Solutions are enabling a variety of energysaving applications such as illuminating windfarms, airfields and railroad crossings. Excelitas' specialty Xenon lamps are highly effective in simulating sunlight for testing photovoltaic cells and solar modules.

From components and subsystems to fully integrated solutions, Excelitas brings OEM customers the expertise needed to enable economically viable energy-conserving and environmental applications.



Safety and Security Applications



Excelitas is providing market-driven solutions to OEMs that help enable a safer and more secure world.

We are providing leading security and surveillance OEMs with a variety of detection technologies such as photodiodes and photodiode arrays, high performance sensors, pioneering digital pyroelectric infrared detectors, and industry-leading single photon counting modules (SPCMs).

We are a leading innovator in solid state and Xenon-based lighting solutions, where the emphasis is on durable, cost-effective designs that perform well in harsh environments and are fully compliant with state and federal regulations.



Excelitas is providing custom LED light engines and fixtures that meet stringent FAA and ICAO regulations for airport runways and taxiways.

X-ray Security Scanning **Smoke Detection** Laser Perimeter Scanning and Surveillance Laser Range Finding Motion Sensing for Home Security **Safety Light Curtains Gas Sensing** Laser Pumping Hazardous Area Lighting **Airfield Runway and Taxiway Lighting Obstruction Lighting Emergency Lighting** Warning Beacons and Strobes License Plate Recognition (LPR) Quantum Cryptography

Excelitas provides calibrated, custom smoke detection modules/assemblies to leading OEMs for both home and commercial applications.

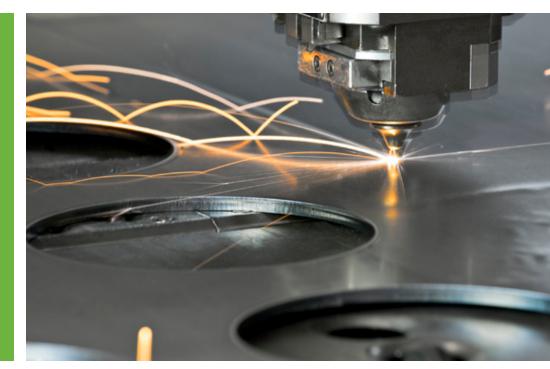


Industrial Applications

Laser Pumping, Cutting and Welding Area Scanning and Surveillance Laser Range Finding Barcode Scanning Gas Sensing and Monitoring Machine Vision Inspection, Sorting, and Recognition Particle Sizing Pyrometry Reprographic Lighting Stage and Studio Lighting Video Projection Lighting Material Testing and Weathering UV Curing

Excelitas' Infrared sensing technology enables OEMs to build systems that monitor and detect low concentrations of gases such as carbon dioxide and methane, protecting industrial assets and personnel.





Customers can feel confident in Excelitas' ability to economically address the customized and high-volume requirements that their industrial applications demand.

Excelitas has decades of experiences in providing innovative, customized solutions to OEMs for a wide variety of demanding industrial applications. We leverage our global footprint of design, manufacturing and R&D facilities, offering customers a deep toolkit of components and systems including our Xenon Flash Lamps, Xenon Strobes, Cermax[®] Xenon, LED Solutions, Power Supplies, Detectors, and CCD Cameras. Our applications experts engage with customers' design teams "engineer-toengineer" to develop the technology solutions that will economically meet customer requirements and accelerate their time-to-market.

When it comes to UV curing of industrial coatings, inks, lacquers and resins, Excelitas offers both LED-based and Xenon lighting solutions.



Defense and Aerospace Applications



Global Navigation Satellite Systems Arming and Fuzing Rocket Motor Ignition Warhead Initiation Laser-initiated Ordinance Laser Warning Systems Laser Range Finding Terminal Guidance Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Electronic Warfare Systems Space Vehicle Lighting Heads Up Displays (HUD) Cockpit Display Backlighting

Today's advanced aerospace and defense applications demand a partner who can deliver mission-critical performance, reliability, and support.

Excelitas is that partner with over 60 years of experience and a proven heritage of leadership integrating advanced technology components into systems for a range of smart systems that safeguard lives. Excelitas offers a broad range of customized, COTS, MOTS, and Build-to-Print solutions designed for the defense and aerospace markets. Whether through our HARLID (High Angular Resolution Laser Irradiance Detector) modules designed for use in Laser Warning Receivers; our Power Supplies for Communication, Navigation, and Electronic Warfare Systems; or our LED Solutions for Space Vehicle Lighting, Heads-up Displays, and Display Backlighting, Excelitas is dedicated to using our advanced technology portfolio and expertise to help ensure that our service men and women remain safe and secure.



Excelitas' ESAF Systems monitor distance from launch point and only arm tactical missiles after safe separation is achieved. Excelitas' space-qualified rubidium atomic frequency standards technology was first launched aboard the U.S. Air Force Global Positioning System Bock IIR satellite in July 1997 and remotely activated in August 1997, now marking nearly a decade and a half of continuous, failurefree operation.



Excelitas' Laser Warning Receiver Systems are detecting and reporting laser-aided and laser-guided threats on the battlefield so as to allow appropriate countermeasure initiation.



Diversity Is Our Strength.

Beyond our deep portfolio of enabling technologies and the broad range of applications and markets we serve, it's the collaborative strength of Excelitas' 3000+ employees across the globe that deliver value to our customers on a daily basis.

ENGAGE. ENABLE. EXCEL.

Excelitas Technologies

Excelitas Technologies delivers innovative, customized opto-electronic solutions to OEMs seeking high-performance market-driven technologies. Our high-performance components and subsystems are designed into the products of leading OEMs worldwide.

Our applications expertise, engineer-to-engineer collaboration, and customized solutions to the unique system demands of our customers are at the heart of the Excelitas advantage.

Learn more about our range of technology solutions for OEMs at www.excelitas.com

Worldwide Headquarters Excelitas Technologies 200 West Street, E403 Waltham, MA 02451 USA Headquarters (+1) 855.382.2677 Fax (+1) 781.290.4702 General Inquiries, North America (+1) 800.775.6786 General Inquiries, Europe (+49) 611 492 430 General Inquiries, Asia (+65) 6770 2022



For a complete listing of Excelitas' locations, visit www.excelitas.com/Locations

© 2012 Excelitas Technologies Corp. All rights reserved. The Excelitas logo and design are registered trademarks of Excelitas Technologies Corp. Excelitas reserves the right to change this document at any time without notice and disclaims liability for editorial, pictorial or typographical errors.