ENABLING THE FUTURE THROUGH LIGHT

OUR MISSION

Provide innovative photonic components and subsystems to global OEMs who are seeking the highest-performance solutions from a market-driven partner.

EXCELITAS TECHNOLOGIES®

Business Snapshot

- Global network of design and manufacturing locations in the Americas, Europe and Asia
- Deep portfolio of innovative photonic technologies and products
  - Lasers & Light Sources
  - Optics & Optomechanics
  - Sensors & Detectors
  - Power Supplies & Electronics
- Custom photonic solutions and complex OEM system integration
- Over 7000 employees worldwide
- Privately held – AEA Investors LP (NYC), since 2017

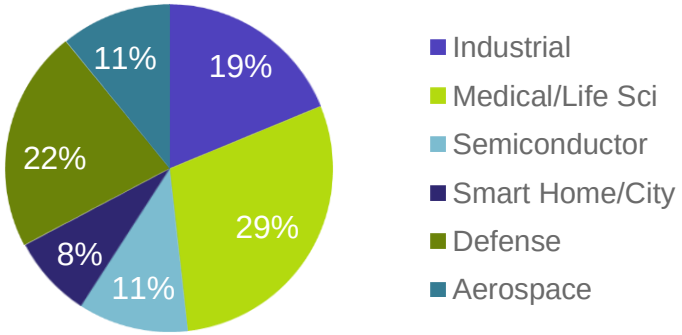
EXCELITAS TECHNOLOGIES

Revenue Streams

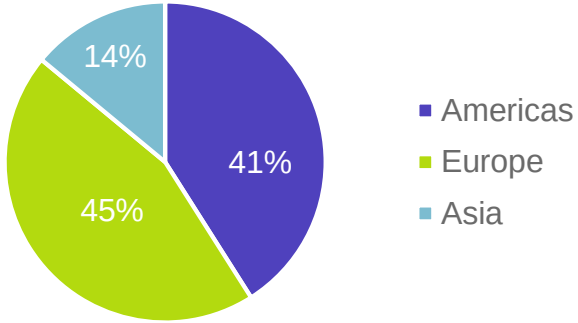
Revenues of ~$950 million

- **Commercial SBU** (~$650M) focused on life sciences, industrial manufacturing, smart building and semiconductor market sectors
- **Defense & Aerospace SBU** (~ $300M) focused on avionics, C5ISR, HMD/HUD, missiles/missile defense, satellites and soldier systems

REVENUES BY MARKET



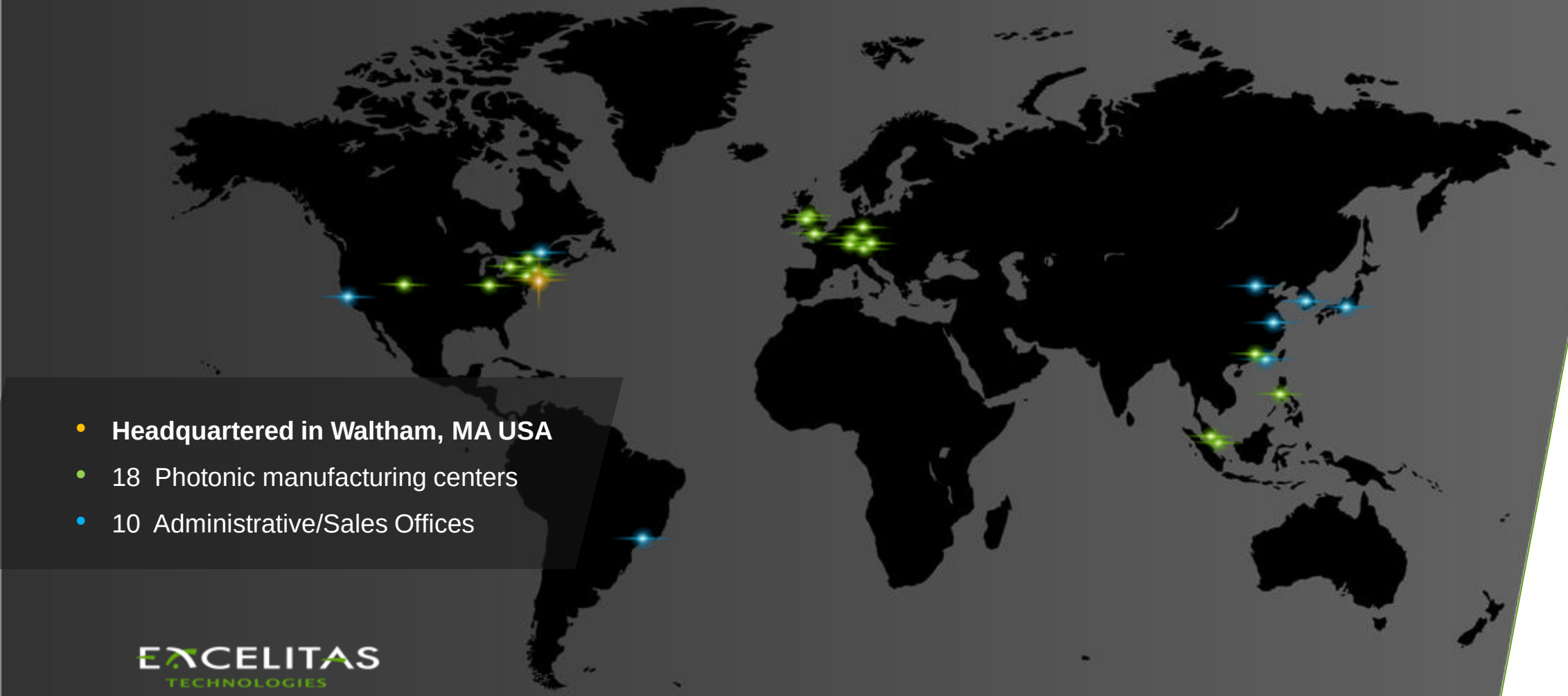
REVENUES BY REGION



Markets Served

EXCELITAS TECHNOLOGIES

Expanding Global Footprint



- **Headquartered in Waltham, MA USA**
- 18 Photonic manufacturing centers
- 10 Administrative/Sales Offices

EXCELITAS TECHNOLOGIES

Our Origins

1947

Legacy originates from three MIT professors establishing the opto-electronic cornerstone of EG&G

1999

EG&G enjoys 52 years of solid growth and acquires the Analytical Instrumentation Division of Perkin Elmer in 1999

2010

In 2010, Excelitas Technologies Corp. spins-off from Perkin Elmer through private equity firm Veritas Capital

Our Heritage in Strategic Growth

EXCELITAS TECHNOLOGIES

2010

2012
Excelitas Acquires Kaiser Systems and Carsan Engineering

2013
Excelitas Acquires Qioptiq

2013
Excelitas Acquires Lumen Dynamics

2017
AEA Investors acquires Excelitas from Veritas Capital

2018
Excelitas acquires Research Electro Optics

2019
Excelitas acquires Axsun Technologies

EXCELITAS TECHNOLOGIES

Your innovation partner for end-to-end photonic solutions

ILLUMINATION **TRANSMISSION** **DETECTION**

From source to sensor… and everything in between

- Illumination & Lasers
- Optics & Optomechanics
- Sensors & Detectors
- Electronics & Power
- Sophisticated Custom Integration

EXCELITAS TECHNOLOGIES

Custom capabilities in ILLUMINATION

From concept through serial production, our expertise across the full spectrum of light technologies enables us to address virtually limitless illumination requirements.

TECHNOLOGIES

- LED
- DPSS lasers
- HeNe lasers
- Pulsed Xenon
- Swept OCT lasers
- Pulsed laser diode
- Hybrid light engines
- Short-arc Xenon
- UV-Curing sources

WAVELENGTHS

- X-ray
- Deep ultraviolet
- UVC - UVA
- Visible
- Near-infrared
- Infrared
- Far-infrared

PERIPHERALS

- Power & control systems
- Optical integration
- Thermal management
- Regulatory compliance

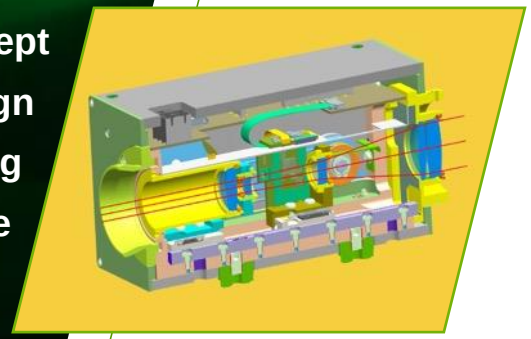
Concept
Design
Engineering
Prototype
Production

EXCELITAS TECHNOLOGIES

Custom capabilities in OPTICS

Whether you seek precision-crafted components, high-performance lens assemblies, or complex optomechanical assemblies and sub-systems, Excelitas is your one-stop source for all custom optics.

Concept
Design
Engineering
Prototype
Production



COMPONENTS

- Diamond turning
- Super Polishing
- Free form
- Fluid-jet polishing
- CNC & MRF
- Achromats
- Planos & Windows
- Aspheres
- Polarizers & mirrors
- Filters & gratings
- Prisms & beamsplitters
- Optical Bonding
- GRIN

COATINGS

- DUV – VIS – FAR IR
- Ion beam sputtering
- Thermal evaporation
- Thin film
- Ultra-durable
- Anti-reflection
- High-reflection
- Polarization
- Filter & beamsplitter
- Spatially variable
- High-damage threshold
- Meta-materials

ASSEMBLIES

- Inspection optics
- Night vision optics
- Microscopes
- Zoom optics
- Laser optics
- Micro objectives
- Thermal sights & Cameras
- Magneto- & electro-optics
- Laser delivery fiber optics
- Light guides
- Photographic lenses
- Modules & subsystems
- Complex photonic engines

EXCELITAS TECHNOLOGIES®

Custom capabilities in SENSING & DETECTION

From concept through serial production, our expertise across a broad range of light sensing & detection technologies enables us to address your most unique application requirements.

TECHNOLOGIES

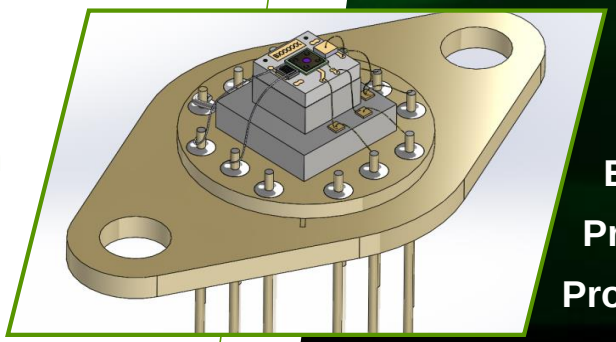
- Si & InGaAs detectors & modules
- PN, PIN, APDs
- Single Photon Counting Modules (SPCM)
- Pulsed lasers & IREDs
- Detector/emitter assemblies
- Pyroelectric sensors/detectors
- Thermopile sensors/detectors
- Sensor arrays & modules
- Space-qualified photodiodes and lasers

WAVELENGTHS

- Gamma
- X-Ray
- UVC - UVA
- Visible
- Near-infrared (NIR)
- Mid-infrared (MIR)
- Far-infrared (Thermal)

FEATURES

- TO & SMD packaging
- Spectral filtering
- Silicon lenses
- Scintillators
- Readout electronics (ROIC)
- TIA electronics
- Laser driving
- PCB-assembly
- Optical simulation
- Software



Concept
Design
Engineering
Prototype
Production

EXCELITAS TECHNOLOGIES

Custom capabilities in ELECTRONICS & POWER

Custom solutions for system designs requiring innovative electronic controls and power conversion technologies. Whether the system is for laboratory, factory, battlefield or outerspace, Excelitas can develop solutions using the latest technologies and tools to meet your most demanding applications and environments.

Concept
Design
Engineering
Prototype
Production

ELECTRONICS

- High-energy switches
- Electronic safe & arm
- Ignition safety devices
- Firing Modules
- Blue Chip® Detonators
- Custom Energetics
- GPS Clocks & RAFs

POWER

- Capacitor chargers
- High-voltage AC/DC
- X-ray power supplies
- Ion-beam power supplies
- Laser power supplies
- Rotating X-ray CT power
- Linear High Voltage
- CLC Resonant charging
- Custom transformer designs

EXCELITAS TECHNOLOGIES®

Enabling your Go-to-Market Vision

- Product Conceptualization
- **Design and Consultation**
- **Optical Design**
- **Component Design and Manufacturing**
- **System Integration**
- **Prototyping**
- **Volume Production**

EXCELITAS TECHNOLOGIES®

In Summary

Engage Excelitas Technologies to enable your future through light

- Dominant market position serving a wide range of applications and customers
- Expanding global footprint with localized support
- Expertise in delivering sophisticated end-to-end photonic solutions for OEMs.
- Broad portfolio of innovative photonic products and technologies to apply to your photonic challenge.

EXCELITAS TECHNOLOGIES®

ENABLING THE FUTURE THROUGH LIGHT

WWW.EXCELITAS.COM