MOBILE
Enhancing our mobility experience, safety, and security with 3D sensing

INTELLIGENT
Connecting the world to intelligence in the cloud

ELECTRIC
Enabling the electrification of the energy infrastructure
II-VI Incorporated, a global leader in engineered materials and optoelectronic components, is a vertically integrated manufacturing company that develops innovative products for diversified applications in communications, industrial, aerospace & defense, semiconductor capital equipment, life sciences, consumer electronics, and automotive markets. Headquartered in Saxonburg, Pennsylvania, the Company has research and development, manufacturing, sales, service, and distribution facilities worldwide. The Company produces a wide variety of application-specific photonic and electronic materials and components, and deploys them in various forms, including integrated with advanced software to support our customers. For more information, please visit www.ii-vi.com.

**OVERVIEW**

**Segments**
- Photonic Solutions: 66%
- Compound Semiconductors: 34%

**Markets**
- Communications: 66%
- Industrial: 10%
- Consumer Electronics: 9%
- Aerospace & Defense: 6%
- Semiconductor Capital Equipment: 4%
- Life Sciences: 2%
- Other: 3%

**Regions**
- North America: 50%
- China: 22%
- Europe: 18%
- Japan: 7%
- Other: 3%

**FY21 Revenue Distribution**

- Photonic Solutions: $2.0B (66%)
- Compound Semiconductors: $1.1B (34%)

**Worldwide Employees**
- 22,000+

**Worldwide Locations**
- 73

**Countries**
- 18

**IPO**
- 1987 (Nasdaq: IIVI)

**Core Competency**
- Engineered Materials

**Patents**
- 2,200+

**Engineering & Technology**
- 3,800+ Employees

**Headquarters**
- Saxonburg, Pennsylvania

**Regional Headquarters**
- Silicon Valley Regional Headquarters: Sunnyvale, California
- Asia Regional Headquarters: Fuzhou, China
PRODUCTS

Optical Communications
- Finisar® Optical Transceivers
- Finisar® Active Optical Cables
- Optical Engines
- Communication Components
- Wavelength Management
- Optical Instrumentation

Laser Systems
- Laser Cutting
- Laser Micromachining
- Laser Lapping
- Mono Diamond Cutting

Optoelectronic Devices
- HPL Bars and Stacks
- HPL SE Pumps and Seeds
- GaAs Optoelectronics
- InP Optoelectronics
- VCSELs for Sensing

Optics
- Industrial Laser Optics
- Thermal Imaging Optics
- Life Sciences Optics
- Diffractive Optics
- All-Purpose Optics
- Optical Materials

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Electronic Devices
- Discrete Low-Noise Amplifiers
- Broadband Switches
- MMIC Amplifiers

Epitaxial Wafers
- RF Epitaxial Wafers
- Photonics Epitaxial Wafers
- Power Electronics Epitaxial Wafers

Silicon Carbide Substrates
- SiC for Power Electronics
- SiC for RF Electronics

Thermoelectrics
- Thermoelectric Coolers
- Power Generators
- Thermoelectric Systems

Ceramics and Metal-Matrix Composites
- Reaction-Bonded Ceramics
- Metal-Matrix Composites

Rare Metals
- Rare Specialty Metals
- Scandium Recovery Technology
MARKETS

Communications
- ROADM Systems
- Coherent Transmission
- Datacenter Interconnects
- Submarine Transmission
- 5G Wireless
- 5G Optical Infrastructure
- Datacom Transceivers and Active Optical Cables

Semiconductor Capital Equipment
- FEOL Photolithography
- MEOL Inspection and Testing
- BEOL Dicing, Packaging, and Testing

Life Sciences
- Flow Cytometry
- Fluorescence Imaging
- Fluorescence Spectroscopy
- Genome Sequencing
- Clinical Lasers
- FDA-Approved Assemblies
- PCR Analysis

Industrial
- High-Power 1 µm Laser Processing
- High-Power CO₂ Laser Processing
- CO₂ Laser Microprocessing
- CO Laser Microprocessing
- Ultraviolet Laser Microprocessing
- Ultrafast Laser Microprocessing

Aerospace & Defense
- Intelligence, Surveillance, and Reconnaissance (ISR)
- High-Energy Laser Systems
- Missiles and Ordnance
- Electromagnetic Interference and Survivability

Automotive
- High-Power Electronics
- In-Cabin Interaction
- LiDAR Sensing
- Thermal Management Systems

Consumer Electronics
- 3D Sensing in Biometrics
- 3D Sensing in VR and AR
- Human-Machine Interfaces
- Internet of Things (IoT)
Our Name and History (‘TWO-SIX’)
The Roman numerals “II-VI” refer to group II and group VI of the periodic table of elements. By chemically combining elements from these groups, II-VI produced the infrared optical crystalline compounds cadmium telluride (CdTe), zinc selenide (ZnSe), zinc sulfide (ZnS), and zinc sulfide multispectral (ZnS MS). These compounds and others created from group II and group VI elements are commonly referred to as “II-VI materials.” When our company was founded in 1971 to create CdTe, company co-founder Dr. Carl J. Johnson paid homage to our II-VI materials heritage by calling our new company “II-VI Incorporated.”

Markets and Engineered Materials
II-VI’s broad portfolio of engineered materials is grown and fabricated in-house. Each material is differentiated by unique optical, electrical, thermal, and mechanical properties, which we leverage to successfully compete in our end markets. We build on these differentiated materials to develop market-leading devices, components, and subsystems.
MISSION
Enabling the world to be safer, healthier, closer, and more efficient

VISION
A world transformed through innovative materials vital to a better life today and the sustainability of future generations
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