





OPTEX OVERVIEW



Milestones underpinned by successful historical acquisitions/contracts

- Optex Systems Announces a \$1.62 Million Award for Optical Assemblies – March 2018
- Optex Systems Announces \$7.7 Million Contracts for Laser Protected Periscopes – Feb 2018
- Successfully acquired Applied Optics Center in 2014
- Successfully acquired Miller-Holzwarth's assets in 2013

- Optex, which was founded in 1987, is a Richardson, Texas based ISO 9001:2015 certified concern, which manufactures optical sighting systems and assemblies, primarily for Department of Defense (DOD) and Commercial applications. Its products are installed on various types of U.S. military land vehicles, such as the **Abrams** and **Bradley** fighting vehicles, Light Armored and Armored Security Vehicles (**LAVs**), Armored Multi-Purpose Vehicles (AMPV), and have been selected for installation on the **Stryker** family of vehicles. Optex also manufactures and delivers numerous periscope configurations, rifle and surveillance sights, and night vision optical assemblies. Optex delivers its products directly to the military services, to prime contractors, and to select commercial partners.
- 89 employees; 93,000 square foot facility
- Patents Four issued by USPTO
- Department of State ITAR Registered





BUSINESS DIVISIONS OVERVIEW



OPTEX HOLDING SYSTEMS

Symbol: OPXS



OPTEX SYSTEMS

- Military Optical Sighting Systems
- Weapon Systems, Optical Subassemblies
- High Definition Imaging Systems
- Thermal and Night Vision Systems
- Video Display Systems



APPLIED OPTICS CENTER

- Premier Thin Film Coatings
- Precision Optical Assembly Processes
- Stabilized Monoculars and Binoculars (Military & Commercial)





OPTEX PRODUCTS - ABRAMS SUPPORT



ICWS Periscope Assembly (M1A2 Only)



M1 Head Assembly (M1A1/M1A2)



EMI Defroster Window

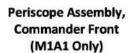


Filter

Unity Mirror Assembly (M1A1/M1A2)



M1 Head Mirror Assembly Gunners Primary Sight (M1A1/M1A2)





Periscope Assembly, Commander Side (M1A1 Only)



Mirror Assembly Gunners Primary Sight (M1A1/M1A2)



MRS Collimator Assembly (M1A1/M1A2)

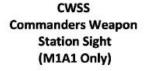


Periscope Assembly, Driver's Unity (Long) (M1A1/M1A2)



Periscope Assembly, Driver's Unity (Short) (M1A1/M1A2)









OPTEX PRODUCTS - BRADLEY SUPPORT







OPTEX PRODUCTS - STRYKER - LAV SUPPORT

Stryker / LAV Family of Vehicles



M27 Periscope Assembly (Turret Version)



M17 Periscope Assembly





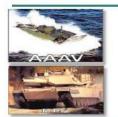
M45 Periscope Assembly



LS Periscope Assembly (MGS Version)



LS MRS Collimator Assembly (MGS Version)















OPTEX PRODUCTS

Periscopes



M Series ICWS

Laser & Non-Laser Protected Acrylic & Glass Periscopes

43%

~Rev %

Sighting Systems





CSS, MRS Big Eye, etc.

Digital Day and Night (DDAN) Muzzle Reference Systems (MRS) Ships Binoculars, Collimators, etc.

15%

~Rev %

AOC (Applied Optics Center)



Optical cell
Eyepiece
Objective lens sets
Optically aligned metal
and glass lens sets

13%

~Rev %



Laser
Interference
Filters
Optical Coatings

23%

~Rev %

Other



ComponentsMisc. Repair
parts

Howitzer

6%

~Rev %





OPTEX PRODUCTS - cont.

DDAN / M36 Sights



DDAN Elbow Assembly

Back Up Sight



Day View



Night View

Laser Protected Periscopes



Naval Binoculars



Howitzer Products



Commercial Optical Assembly





M17 Day/Thermal Periscope



Day and Thermal View (PIP)

Red Tail - Digital Spotting Scope



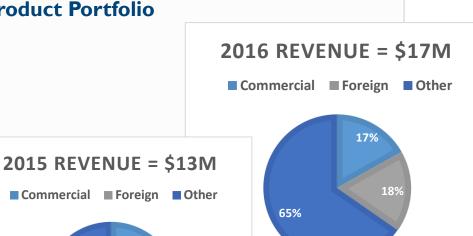


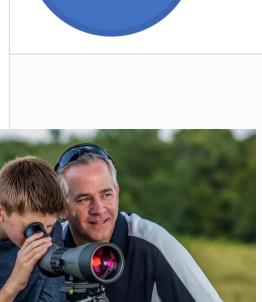


SALES MIX SHIFTS – GROWING COMMERCIAL & FOREIGN MILITARY SALES

- Growing Commercial Sales Diversify the Sales Mix.
- Increased Military Spending Aligned with Optex's Product Portfolio

66%





2017 REVENUE = \$18.5M

■ Commercial ■ Foreign ■ Other

68%

24%

8%



2014 REVENUE = \$10M

Commercial Foreign Other



MARKETS

OPTEX BUSINESS STRATEGY

PRODUCTS

PRESENT NEW Market Retention Product Development PRESENT Optical engineering New periscope technology enhancement Mechanical sighting systems New night vision systems Assembly Processes **Diversification Market Development** X U N Commercial markets Opportunistic commercial breakthrough product development Foreign military sales expansion

Optex has established core competencies by proving its **product reliability** and **product quality** and by maintaining deep **product and sector knowledge** in an overall **supply chain control** environment





SELECT MAJOR CUSTOMERS

DEFENSE CUSTOMERS

























COMMERCIAL CUSTOMERS







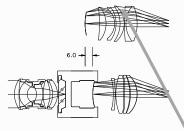


KEYS TO PRODUCT DEVELOPMENT

MECHANICAL

DESIGN TOOLS

- Glass Properties
- Glass Shape
- Color / Distortion Control



OPTICAL DESIGN

TOOLS



THIN FILM DESIGN TOOLS

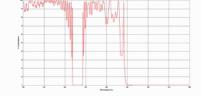
- Thin Films
- Anti-Reflective coatings
- Optical Assembly
- EMI Thin Films
- CNC Machining
- CARC Painting
- Optical/Mechanical Alignment
- Electronic Assembly
- Environmental Testing



- 2D/3D Capability
- Thermal / Strength Analysis



- Wavelength notching
- Transmissivity Analysis
- Absorption Analysis







Market Opportunity

- \$1 Billion worldwide
- Increasing market share (commercial and foreign)

Product Portfolio

- Highest quality
- Innovative product development
- New product launches

Proven Acquisition Strategy

- Identify targets' critical capabilities
- Seek vertical integration
- Bargain purchase price

Customer Base

- International foothold
- Major defense customers
- Top commercial customers
- Government & contractor's

