OZ Optics Limited – Turkey

Corporate Overview OZ Optics Limited - Turkey May 2016



Agenda

- Company Profile
- OZ Optics Canada
- OZ Optics Turkey
- OZ Optics China
- Manufacturing Strategy
- Industry Standards
- Core Competencies
- Quality Policy
- Competitive Advantage



- Company founded in 1985;
- Corporate headquarters located in Ottawa, Canada;
- Manufacturing facility in Ottawa/Canada, Izmir/Turkey, and Jiaxing/China
- Seven Product Groups: Laser-to-Fiber Delivery Systems, High Power Fiber Optic
 Components, Polarization Maintaining Products, Attenuators, Opto-Electronic
 Packaging, Test Equipment, Fiber Optic Sensor Systems
- ➤ Sales offices in Canada, USA, Turkey and China







> Three Product Groups:

Optical Test Fiber Optic Equipment 25% Fiber Optic Sensors **Components** 70%

- Over 1,000 products
- Leading Edge R&D



OZ Optics Products







OZ Optics Products



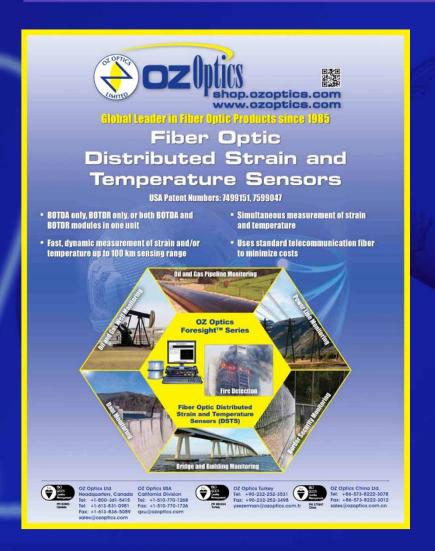


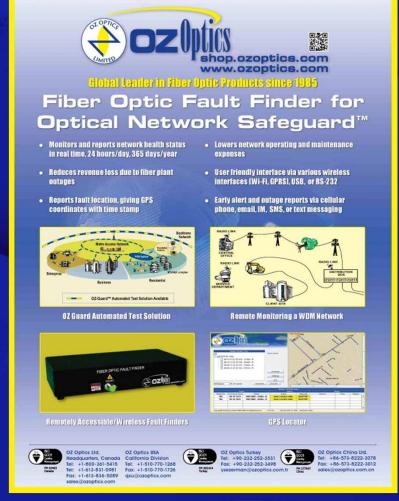
OZ Optics Products





Product Innovation





Product Innovation







Over 470 employees worldwide:

- 260 in Ottawa and US
- 50 in Turkey
- 160 in China

OZ China



OZ Canada





OZ Turkey



OZ Optics is lead by an experienced team:

- Ömür Sezerman, Chairman, President & CEO
 - Founder and CEO since inception (31 years)
- Zahide Sezerman, VP of Human Resources
 - With OZ Optics since inception (31 years)
- **Garland Best, VP of Components Division**
 - 24 years at OZ Optics
- **Gordon Youle, VP of Test Equipment Division**
 - 17 years at OZ Optics
- Martin Powell, Operation Manager
 - 12 years at OZ Optics
- Sarah Miller, Controller
 - 3 years at OZ Optics
- Metin Sezerman, General Manager of OZ Turkey
 - 15 years at OZ Optics
- Bing Li, General Manager of OZ Optics China
 - 12 years at OZ Optics



- ISO9001:2008 certified
- Broad patent portfolio
- Advanced proprietary processing technology











> Using our strong direct sales and distributors, we address the following markets:



OZ Optics has resellers and distributors in over 30 Countries & Regions and over 10,000 customers globally:



In-House Production Capabilities

- Experienced and well-trained staff in following fields: - optical, mechanical, electronics & software
- **CNC Machine Shop**



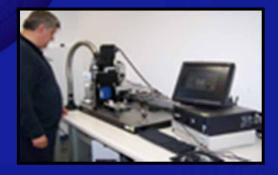
Clean Room



AR Coating



Laser Conditioning/Cleaving



Femtosecond Laser Lab





Branch Network







Facility – Ottawa Headquarters

- 60,000 sq ft. Manufacturing and R&D Facilities
- 15,000 sq ft. Admin, Sales and Marketing
- 15,000 sq ft. Training and Fitness Facility
- R&D, Product Design, Engineering, Final Assembly & QA







Facility – Ottawa Headquarters









OZ Optics China

- Operational since 2009
- Wholly Foreign Owned Enterprise
- **Subcomponent Parts Manufacturing**
- **Cost Effective Manufacturing**
- High Quality Labor
- **Extensive Training** 3-6 months in OZ Canada)









OZ China Facility

Jiaxing, China

- Located in Economic Development Zone
- 500 sq meters Admin, Sales and Marketing
- 1500 sq meters Manufacturing Area
- 100 sq meters Class 10,000 Clean Room
- 100 sq meters ESD Working Area









OZ Optics – Turkey Factory

- Operational since 2000
- 33,000 sq ft. Manufacturing Facility
- Located in Free Trade Zone
- Low Tax Rates
- Sub Component Parts Manufacturing
- Cost Effective Manufacturing
- High Quality Labor

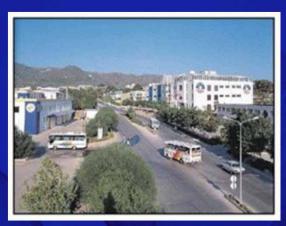






Why We Chose Izmir

- Izmir Harbour and **Airport**
- Convenient **Transportation**
- Foreign Trade Advantages in Aegean Free Trade Zone
- Cost Effective Manufacturing
- High Quality Labour Pool
- Location Advantages
- Beautiful Scenery & **Pleasant Climate**











OZ Optics A.S Turkey – Izmir

- Incorporated in May 2000
- First fiber optic products manufacturing company in **Turkey**
- Equipment and High quality machines set-up
- Machine Shop
- Commenced Operations in Sept. 2001
- OZ Turkey Engineers and Employees had been trained in various departments in OZ Canada
- More than 10 years production experience



OZ Optics A.S Turkey – Izmir





High volume production capacity

Experienced Production Employees

Senior engineers from OZ Canada sent to OZ Turkey for on-site training and evaluation

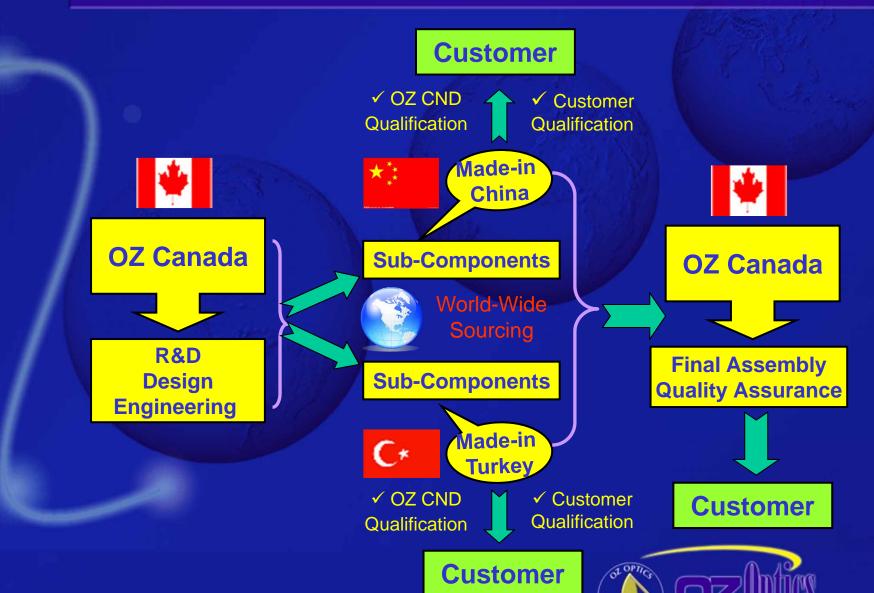
OZ Turkey Production Lines

Current Production Lines:

- Polarization Maintaining Components
- Hermetic Seal Assemblies
- Fiber Optic Assemblies
- Lasers to Fiber Delivery System
- Attenuators
- High Power Components
- V-Groove Assemblies



Manufacturing Strategy



www.ozopties.com

Industry Standards

All products manufactured are in strict accordance with international industry standards:

> Telcordia Compliance



> CE Compliance



> RoHS Compliance



- > ISO 9001:2008 Certified (China, Turkey and Canada)
- Controlled Goods Directorate Registered

Core Competencies

- Pioneer in Polarization Maintaining (PM) Components
- Leader in Wavelength Flattened, High Power
 & Low PDL Components
- Leader in High Power Fiber Optic Delivery Systems
- Custom Test Equipment, Including Polarization Test Equipment and FTTH Equipment
- Widest Range in Attenuator Product Offering
- Fiber Optic Distributed Strain and Temperature Sensors
- Complete product line for OCT applications & 2 Micron



Leading Technology



- power handling > 50W
- low loss, low cost turnkey solution



High Power

Collimators/Focusers

Pioneer in Polarization **Maintaining (PM) Components**

- wavelength flattened
- high power & low PDL
- PM test equipment

Distributed Stain and **Temperature Sensors**



- fast and simultaneous measurement of strain & temp
- large structure health monitoring

Leader in High Power Fiber Optic Delivery Systems

specializes in custom design



OUR VISION

- Be the preferred Supplier of choice
- Capture and expand market
- Maximize shareholder value



OUR MISSION

To become the leading provider of innovative optical products to telecom and non-telecom sectors

OUR CORE VALUES

- Leadership
- **Teamwork**
- **Boldness**
- Commitment
- Innovation
- Rewards

OUR QUALITY POLICY

- Provide our Customers with a competitive advantage, leveraging performance, price and delivery, through a continuous process of Quality advancement in all areas of our Company
- Communicate effectively to our Customers, Suppliers and Shareholders our commitment to **Quality and continuous improvement**
- **Promote opportunities of professional** development for all members of our Company through education, training and personal challenge

Ömür Sezerman **President**



Competitive Advantage



www.ozoptics.com

OZ Optics

Your solution provider for existing and next generation fiber opticcomponents and test equipment

Please Contact Our Sales Dept:

Tel: +90-232-252-3531

Email: sales@ozoptics.com

OZ Optics Turkey

Thank you for choosing OZ!

