



Modulight is creating lasers for state-of-the-art medical devices.

Life sciences modulight

- ❑ Medical laser systems
- ❑ Oncology
- ❑ Ophthalmology
- ❑ Optogenetics
- ❑ Pharmaceutical safety & testing



Custom & industrial

- ❑ Subsystems for challenging optics & electronics
- ❑ Processing



Services

- ❑ Regulatory & engineering
- ❑ Lifecycle support



Modulight's 20+ years of production

modulight

APPLICATIONS



TELECOM,
DATACOM, TEST &
MEASUREMENT
LASER RANGE-
FINDING,
ILLUMINATION



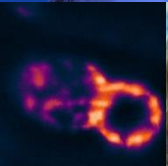
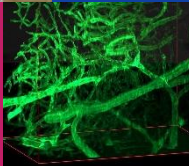
AEROSPACE SENSORS,
TARGET DESIGNATION
REMOTE SENSING, WEATHER
& CLIMATE SENSORS,
AUTOMOTIVE LIDAR,
AUTONOMOUS DRIVING



modulight
on your wavelength



ILLUMINATION,
SPECTROSCOPY
DIAGNOSTICS,
PHARMACEUTICAL
RESEARCH



ONCOLOGY,
PHOTODYNAMIC
THERAPY,
OPHTHALMOLOGY,
CARDIOTOXICITY
TESTING



2000

2010

2020

TECHNOLOGY

EYE-SAFE RANGE-FINDING
INDUSTRIAL LASERS
REMOTE SENSING

3RD GENERATION HIGH-POWER LASER DIODES
BIOMEDICAL PHOTOANALYZERS

OPTOGENETICS
CARDIAC SAFETY
EFFICACY-GUIDED THERAPY
TREATMENT FLOW 2.0



\$27M Investment



4

Hire new people
+20 new open positions

3

Increase equipment capacity
new equipment from epitaxy to final products assembly and testing

2

Space expansion
11,000 sq.ft increase to production space

1

Increasing product demand
for applications like illumination, spectroscopy, remote sensing, LIDAR, PDT, digital printing

Investing to design & manufacturing capabilities

- ❑ Laser chip & structure
- ❑ Electronics & software
- ❑ Usability & regulatory
- ❑ Field service & lifecycle support



Modulight Inc

- ❑ Modulight has been > 20 years in business and is well profitable
- ❑ Long history of quality driven products and certifications
 - ❖ ISO9001 & 14001 in 2002 & ISO13485 certification in 2011
 - ❖ CE approval in 2012 & FDA approval in 2016
- ❑ Exclusive provider of medical lasers for 10+ pharmas
- ❑ Wide, long expertise in semiconductor lasers & solutions
- ❑ Investing \$27M in space, equipment and people to be able to better serve our customers and address the increased demand for our products

Jari Sillanpää
Director of Business Development
jari.sillanpaa@modulight.com

Thank you!

modulight



Modulight LIVE – Virtual Meeting Series:
www.modulight.com/modulight-live-2020/

