

ISRAELI MEDICAL DEVICE & HEALTHCARE IT INDUSTRY



**MINISTRY
OF HEALTH**
For a healthier life



ISRAEL EXPORT INSTITUTE



**Foreign Trade
Administration**
MINISTRY OF ECONOMY

Israeli Life Science Industry

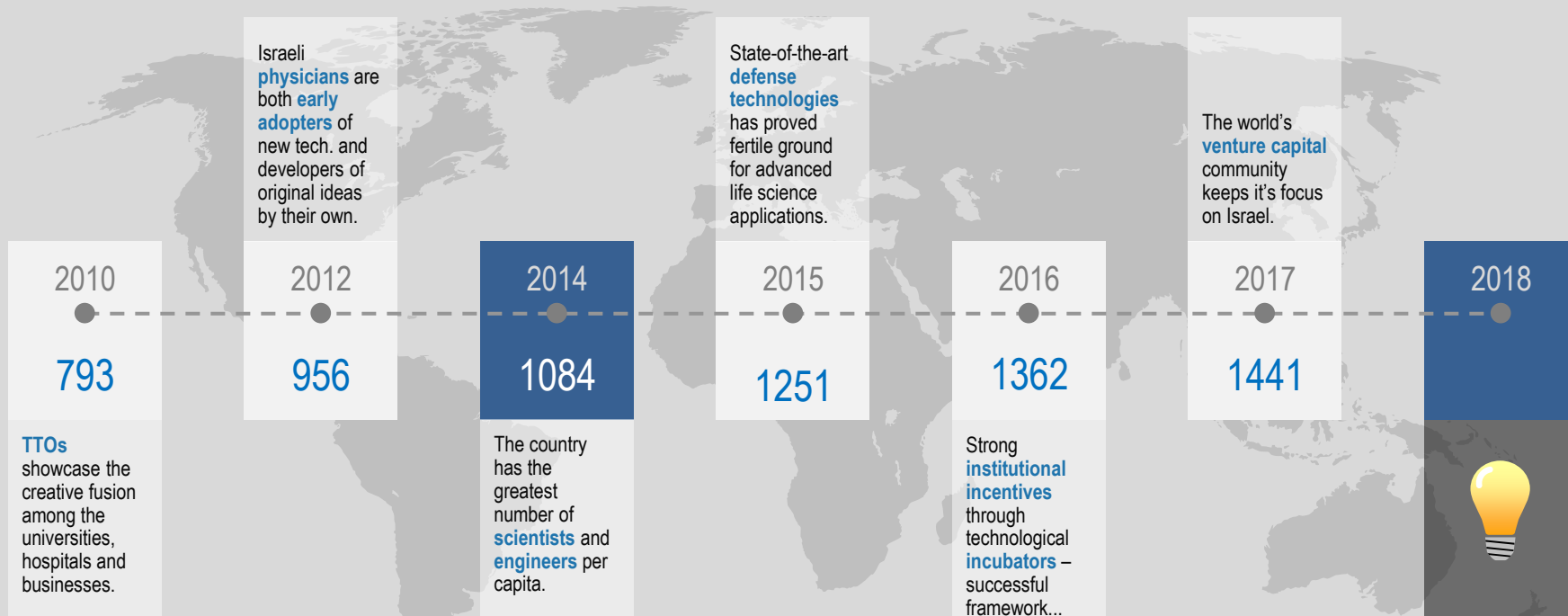
In Numbers



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Foreign Trade Administration



Successful Medical Products Creation

Main Components

More than **20 Incubators** throughout the country and **5 Hospital linked TTOs**

feeling



thinking



doing



Ingredients for a successful product creation, above Strong Entrepreneurial Spirit, are **Human Capital**, appropriate **R&D infrastructure** (corporate R&D centers or Tech. Incubators), strong **Government Support**, powerful **VC Community** and **HealthCare System** itself.

Israeli Life Science Industry

In Numbers

Medical Devices

Main sector – about 75%

Digital Health

More than 400 companies

Medical Advanced Manufacturers

Innovative technologies, raw materials and prototyping services for medical device manufacturing, over 50 companies

Biotech

About 10%.

Pharma

About 10%

Service Providers

About 5%



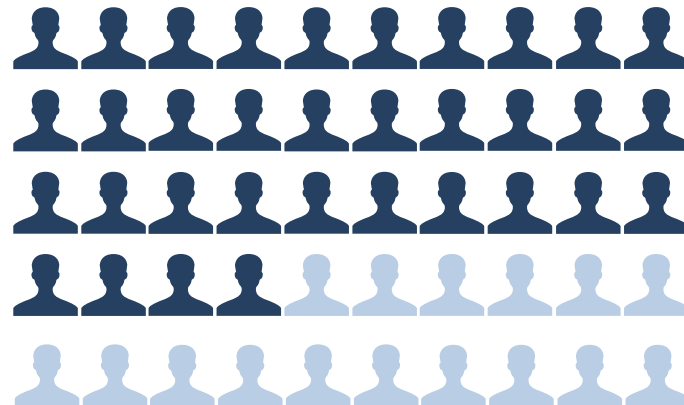
Israeli Life Science Industry

In Numbers



Small enterprise ▶

1240 / 20



MID ▶

57 / 50-200

Israeli Life Science Industry

In Numbers



▶ 21 / +200

Elcam
MEDICAL

VENUSCONCEPT
delivering the promise

Medinol

novocure™

Inspiring the Art of Surgery
Mazor
Robotics

Lumenis®

Lifewatch

SHL
Telemedizin

BE
Beth-El Industries

Israeli Life Science Industry

In Numbers



1354 / 94%

PRIVATE

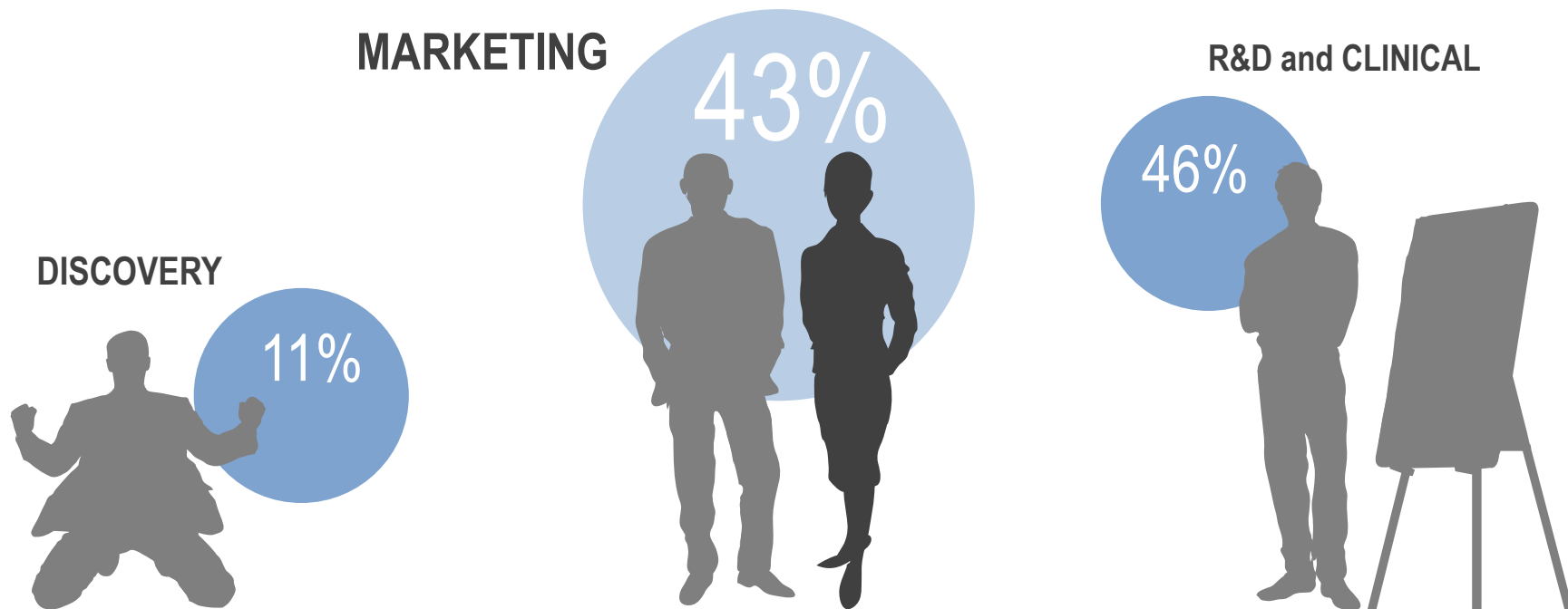


87 / 6%

PUBLIC

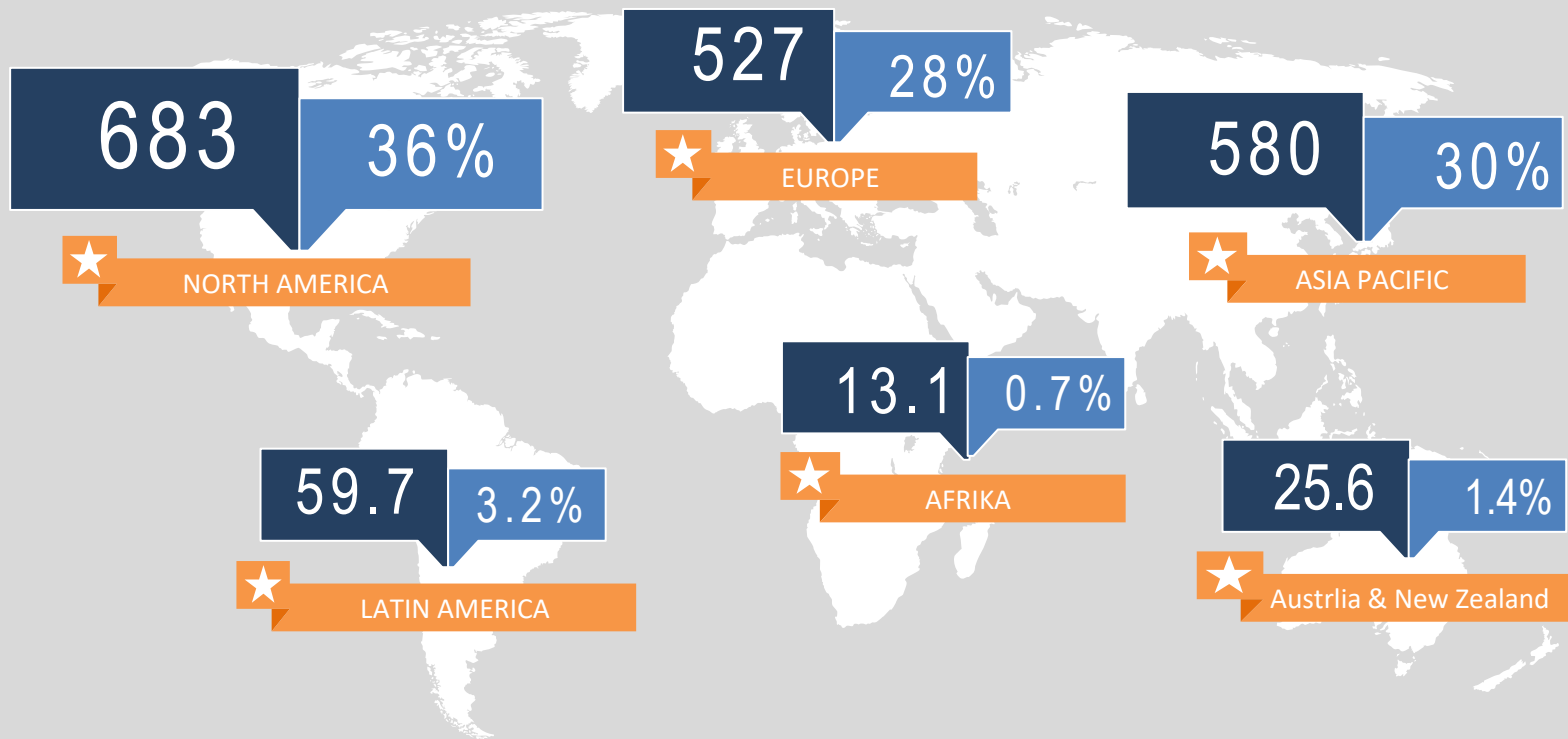
Israeli Medical Device & HealthCare IT Industry

In Numbers



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In M\$, end of 2017



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Israel Digital Health Technology

Israel Digital HealthCare industry has its roots in a long history of using innovative communication technologies to improve healthcare delivery putting Israeli technologies and expertise in international demand...

Introduction

A large white number '400' is centered on a dark gray background. A thick, hand-drawn yellow arrow starts from the bottom left and points towards the second zero. In the bottom left corner, there are faint, semi-transparent icons of a gear, a line graph, and a document.



The State of Digital Health

Areas of Expertise, where Israel has acquired decades of knowledge:



Cardiology



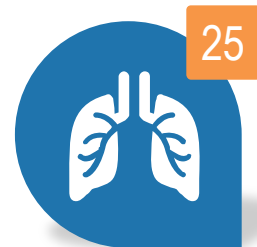
Neurology



Diabetes



Rehabilitation



Respiratory



Oncology



Genomics



Ophthalmology



Medication
Management



Orthopedics

The State of Digital Health

Industry Strengths

Artificial Intelligence

(data processing/machine learning)

Imaging, voice, neurosignals, EMR, EHR interoperability

Decision Support Systems software (DSS).



36

Hospital Operational Efficiency

Workflow Efficiency, Computerized Physician Order Entry, Treatment scheduling, Patient flow...

18

Remote Monitoring

(data generators)

Wearables, (PHA) Personal Health Assistants, Home-based techs, Point of Care diagnostics ...



209

Cyber Security

in Medicine & HealthCare



AR/VR

14

Telemedicine

Follow up visits, on-line Specialist Consultations, Medication management, Chronic Condition management, Mental Health management, tele-Rehabilitation, speech therapy, tele-audiology...

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Israeli Medical Device & HealthCare IT



INFORMATION



WORLDWIDE



TOMER EPSTEIN



Sub-SECTORS



DATA

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