

InSightec

Overview

InSightec Ltd. is the pioneer and global leader in MR-guided focused ultrasound technology. Founded in 1999 by GE Healthcare (then GE Medical Systems) and Elbit Medical Imaging, its mission is to transform its MR-guided Focused Ultrasound (MRgFUS) into a clinically viable technology. Since then, InSightec has invested close to \$250 million in R&D. The company holds more than 90 patents with additional intellectual property pending. ExAblate is installed in over 100 sites around the world. The company is headquartered in Tirat Carmel, Israel, near the port city of Haifa. It has offices in the US in Dallas, Texas as well as offices in Europe and Asia.

Technology

MR guided focused ultrasound combines two well-known technologies to create a new breakthrough therapy. High intensity focused ultrasound waves precisely heat and destroy targeted tissue and non-invasively combine with magnetic resonance imaging (MRI), which provides precision anatomical visualization, and real-time thermal feedback for treatment monitoring and guidance.

Benefits

- Incisionless (non-invasive) surgery without anesthesia
- Outpatient procedure (2-4 hours)
- Short recovery, low trauma and morbidity
- Patient returns to normal activity the next day
- Minimizes complications (infections, surgical adverse events, transfusions, etc)
- No long term toxicity or dose accumulation – repeatable procedure
- Green surgery – no sterilization or biohazardous waste

IVC YEARBOOK
SAMPLE

Products

The company has two main products: ExAblate® O.R. and ExAblate® Neuro. The system is made up of a patient table that docks to the GE MRI, a console, an equipment cabinet, transducers and cooling units.

ExAblate® O.R. is a platform for treating body applications. The system incorporates interchangeable cradles that contain the focused ultrasound transducer. ExAblate O.R. offers both commercially approved and research treatment options for a multitude of clinical indications such as uterine fibroids and adenomyosis, pain palliation of bone tumors, breast cancer, prostate cancer, and various other indications.

ExAblate® Neuro non-invasively treats brain disorders via a thousand-element helmet-like transducer. ExAblate Neuro is CE marked for the treatment of essential tremor, Parkinson's and neuropathic pain. Clinical trials are underway for brain tumors. Preclinical research is being conducted in stroke and targeted drug delivery.

Regulatory approvals

ExAblate received its first European CE mark in 2002 and FDA (US Food and Drug Administration) approval in 2004 for the treatment of symptomatic uterine fibroids. In June 2007, ExAblate received the CE Mark for pain palliation of bone tumors and, in June 2010, for adenomyosis. In 2012, ExAblate received its second FDA approval for pain palliation of bone metastases, and ExAblate Neuro received the CE Mark for the treatment of neurological disorders such as essential tremor, Parkinson's and neuropathic pain. In 2013, the CE mark was extended to other painful bone indications including primary and secondary bone cancers as well as benign diseases. That same year, ExAblate was approved in China and Canada.

Awards

ExAblate has won several awards for innovation and its potential to help mankind. Awards including The Wall Street Journal Technology Innovation Award and the European Union's Information Society Technologies grand prize. *TIME* magazine recently named Focused Ultrasound as "one of 50 best inventions."

For more information, please visit www.InSightec.com
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InsFocus

What is InsFocus?

A complete reporting and analysis solution for insurance companies, InsFocus provides all the data warehousing (DW) and business intelligence (BI) required for effective management. InsFocus replaces the traditional ETL/DW/BI tools needed for lengthy projects with a comprehensive and efficient end-to-end solution. The system has been developed since 2004 and installed at insurance companies since 2008. Implementation is typically one-third the time and cost of comparable solutions.

Why is InsFocus better for insurance?

InsFocus was designed and built for insurance companies by insurance professionals. The system incorporates dozens of years of insurance industry experience and provides insurance-specific reporting and analysis functionality that traditional solutions can't match. Whereas a regular insurance data-warehousing (DW) project creates a specific model based on an insurance company's data and business processes, an InsFocus DW project maps the company's data and business processes into the product's pre-built model, adjusting definitions where needed. InsFocus' built-in insurance analysis functionality is thus delivered to the insurance company adapted to its specific business processes.

What are the system's main advantages?

Functionality: InsFocus is a built-for-insurance system providing out-of-the-box, insurance-specific calculation methods, reporting and analysis. Underlying the system's functionality is a parametric query-building functionality enabling complex calculations over large data sets.

Data model: The system's rebuilt, tested and optimized insurance data model is the foundation for superior insurance data management solutions.

Insurance content: InsFocus' comprehensive library of hundreds of insurance measurement definitions, insurance dimensions, risk factors, and sample reports caters to any insurance business user's requirements, including marketing and sales, underwriting, claims, reinsurance, actuarial tasks, internal audits and accounting.

Infrastructure: The system is built on robust Microsoft.NET and SQL infrastructure ensuring information security and granular data access control, easy and secure system administration, high performance, SOA connectivity and multilingual capability. System infrastructure is adaptable to other business domains where analysis requires complex calculations to run over large volumes of data.

Self-service: InsFocus incorporates a truly self-service reporting and analysis user interface that enables business users to define their own analysis and reports without sacrificing sophistication.

Complete solution: InsFocus manages the full BI cycle without the need for additional ETL or BI tools.

What are the business benefits for an insurance company?

InsFocus facilitates information-based decision-making at all levels, leading to improved business performance and underwriting results. The system addresses requirements of different insurance company stakeholders such as sales, marketing, underwriting, claims, reinsurance and actuaries.

Implementation is quick and predictable based on InsFocus' Structured Insurance Project methodology.

InsFocus is engineered for cost-efficient system maintenance. Combined with its low entry costs, InsFocus' approach to system maintenance typically saves businesses up to two-thirds the cost of comparable solutions.

About InsFocus Systems

InsFocus Systems is a private company founded in 2003 by Uri Taiber, an insurance expert with over 20 years of insurance company management experience. The company is based in Israel and operates worldwide in cooperation with local representatives and implementation partners.

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Orsan Medical Technologies

Industry Medical Devices

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Orsan and the Brain Care Industry

Orsan Medical Technologies is an expert in non-invasive brain monitoring, with particular insight into intracranial pressure (ICP) and its influence on cerebral perfusion.

Each year, 1.7 million US patients suffer from brain trauma and an additional 1.5 million US patients per year have other conditions that can lead to elevated ICP, placing them at risk for brain damage and death. While continuous non-invasive monitoring is an essential component of patient care in other medical fields, such as cardiac care, no parallel exists in brain care. In many cases, while treating patients with brain pathologies, the medical staff is unable to detect deterioration as it occurs, due to the lack of real-time, continuous information. Therefore, early accurate treatment to prevent additional damage may not be provided. Instead, the medical staff is limited to offering reactive treatment to secondary damage that has already occurred.

Orsan's Technology and Products

Orsan's first product is a continuous, real-time, non-invasive intracranial pressure monitor (nICP monitor)*. The nICP monitor promptly detects ICP alterations, provides real-time feedback to the caregiver on brain status and drives better informed treatment decisions. The information provided by the nICP monitor could assist in reducing secondary brain damage that often occurs with ICP elevation, for large-scale patient populations, such as traumatic brain injury and stroke. Considering the limitations of existing invasive ICP monitors, Orsan will be offering an innovative and accessible solution to this untapped market. The solution could also reduce healthcare costs by preventing complications associated with invasive monitoring of intracranial pressure.

Orsan's proprietary technology platform is based on the measurement of impedance plethysmography, which reflects cerebral volume alterations and cerebral blood flow as a function of the cardiac cycle. Orsan's technology enables monitoring of intracranial pressure and additional hemodynamic parameters, such as cerebral perfusion, auto-regulation, compliance and edema formation.

Based on its proprietary technology, Orsan has a pipeline of products that bring innovation to the brain care industry, including a cerebral perfusion monitor, a cerebral edema formation monitor and a traumatic brain injury severity assessor.

Orsan's Management and Advisory Board

Orsan is led by a team of highly experienced managers, who bring to the company diverse experience in technology, healthcare and business. The management team is headed by Dr. Shlomi Ben Ari, who brings years of experience in medicine and entrepreneurship.

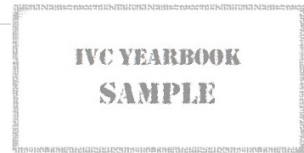
The company is backed by leading clinical experts in the fields of neurocritical care and stroke, from the US and Europe, who regularly advise the company and are actively collaborating with the company to promote its clinical activity. These key opinion leaders, who have seen Orsan's clinical results, believe that the company's solution could be the 'Holy Grail' of ICP monitoring.

*Orsan's nICP monitor is an investigational device and not yet approved for commercial use

MyHeritage Ltd.

Industry Internet / Social Networks

Year established	2003
Employees	165
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Description:

MyHeritage is a family history network helping millions of families around the world discover and share their legacy online. As technology thought leaders and innovators, MyHeritage is transforming family history into an activity that is accessible, exciting and easier than ever before. MyHeritage empowers its global community of users with unique social tools, a massive library of historical content and powerful search and data matching technologies. MyHeritage has amassed 75 million registered users who have created 27 million family trees with 1.6 billion profiles. It currently has a total of 4.9 billion historical records. The service is available in 40 languages.

PRODUCTS AND TECHNOLOGIES

- **Family sites (www.myheritage.com), software (Family Tree Builder) and MyHeritage mobile application for iOS and Android**
- **SuperSearch™**
 - ◆ Search engine for historical records worldwide
 - ◆ Billions of historical records including birth, marriage, death, burial, census, military, immigration, yearbooks, MyHeritage public family trees and the Geni.com world family tree
 - ◆ Contains the world's largest collection of historical newspapers featuring over 120 million newspaper pages, dating back to 1609
- **Smart Matching™ Technology**
 - ◆ Compares each family tree to the millions of family trees contributed by other users to find matches
 - ◆ Uses fuzzy logic to bridge gaps in spelling, language and fact differences
 - ◆ Allows users to make new discoveries and reunite long lost family ties by harnessing the aggregate knowledge and data of the genealogy community
 - ◆ Includes advanced collaboration features to ensure family tree discoveries are made with confidence and are easily shared with family members
- **Record Matching**
 - ◆ Automatically finds relevant historical records for every family tree on MyHeritage
 - ◆ Constantly compares every family tree on MyHeritage to billions of historical records on SuperSearch™
 - ◆ A Record Match is a document relevant to your family's history, for example a birth record, tombstone or newspaper article
 - ◆ Record Matching is the world's first and only technology to find family tree matches in newspaper articles, books and other free text documents, using semantic analysis
 - ◆ Record Matching is the first technology to translate names between languages to find documents in languages other than that of your family tree
- **Record Detective**
 - ◆ First of its kind technology to automatically generate new leads and discoveries by turning a single record into a potential wealth of information
 - ◆ Provides a summary of additional records and individuals in related family trees, connected to the record the user is viewing
 - ◆ Provides users with new information and clues to take their research in new directions
 - ◆ Highly accurate technology with almost no false positives



SuperCom Ltd.

Industry e-ID, e-Monitoring & e-Tracking Solutions

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About SuperCom

Since 1988, SuperCom (NASDAQ: SPCB) has been a leading global provider of traditional and digital identity solutions, supplying advanced safety, identification and security solutions to governments and organizations, both private and public, throughout the world.

Through its proprietary e-Government platforms and innovative solutions for traditional and biometrics enrollment, personalization, issuance and border control services, SuperCom has inspired governments and national agencies to design and issue secured Multi-ID documents and robust digital identity solutions to its citizens and visitors.

SuperCom offers a unique all-in-one field-proven RFID & mobile technology and product suite, accompanied by advanced complementary services for various industries including healthcare and homecare, security and safety, community public safety, law enforcement, electronic monitoring, livestock monitoring and building and access automation.

Financial

In December 2013, SuperCom completed a secondary public offering of 3,450,000 ordinary shares. Gross proceeds to the Company were \$13,800,000.

In 2013, SuperCom successfully completed the acquisition of the Smart ID division from On Track Innovations (NASDAQ:OTIV).



XwinSys

Year established	2011
Employees	16
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XwinSys is dedicated to the design, manufacture and marketing of novel solutions based on Energy-Dispersive X-Ray Fluorescence (ED-XRF) combined with automated 3D vision for the semiconductor and related industries. Integrated X-Ray and optical 3D analysis is a new approach to meet the challenges of roadmap requirements for inspection and metrology of 3D structures in the semiconductor industry.

3D-IC is the fastest growing segment of the semiconductor market and leads the way to vertical stacking that is evolving as the disruptive force of the industry. XwinSys is ideally positioned to supply unique analytical solutions to meet critical needs in this newly emerging field of 3D integrated circuit stacks.

Our Product

The XwinSys 100 Wafer Inspection System is a high-speed, high-precision quantitative inspection system combining 2D, 3D vision and EDXRF technologies for the semiconductor industry.

XwinSys 100 is a unique in-line wafer inspection system dedicated primarily to analyzing 3D features and structures in 3D IC stacks. Leading applications include 3D interconnect structures.

XwinSys 100 is built on a unique hybrid combination of EDXRF and 3D vision. The system features polycapillary optics for producing a micro-spot X-ray beam, and 2D/3D image processing, thus enabling quantitative analysis of features for their material composition and 3D structural mapping.

