

Participants

23 participants for Israel@CERN.

Arotec

Company

Country	Israel
City	Gedera - Israel
Street	H'abiluim 33
Web	http://www.arotec.co.il

Contact

Name	Dganit Arkin
Role	Chief Business Development Officer

Description

Complete Turnkey solutions – material and PCB procurement, SM and TH assembly, integration, cables, and wire soldering.

A wide range of Customers - Defence Industries, Agricultural, Sensors for IoT, Academic and more
Design and manufacture advanced electronic technologies, such as HYBRID (ceramic integrated circuits) and flexible and complex PCBs including PCBs on non-standard surfaces

Marketplace Opportunities

EXPERTISE

Electronics Contract manufacturer

The company provides a complete solution - component and PCB procurement, engineering, design, prototyping, assembly, and integration, in a wide range of fields such as Defence industries, agriculture, Sensors for IoT, Led based devices, and more.

In addition, Arotec specializes in advanced electronic technologies, such as HYBRID (Ceramic integrated circuits) design and manufacture, high power products and flexible and complex PCBs

bynet Data Communications Ltd

Company

Country	Israel
City	Tel Aviv
Street	
Web	http://bynet.co.il/en/

Contact

Name	Eyal Klain
Role	Account Manager



Description

Bynet is Israel's leading provider of end-to-end integration solutions and services. Founded in 1975 and is part of the RAD Bynet Group, Bynet offers cloud services, telephony, data security and cyber, enterprise video network management, data center solutions and mobility solutions.

NextSilicon LTD

Company

Country	Israel
City	Tel Aviv
Street	91 Hahashmonaim St.
Web	http://www.nextsilicon.com



Contact

Name	Noa Chorev
Role	Director of Product Marketing



Description

NextSilicon is a compute innovator, pioneering a radically new approach to high-performance, massively-parallel computing architecture. NextSilicon's solution combines software algorithms and purpose-built hardware, to provide unparalleled acceleration and drive the industry forward by solving its biggest, most fundamental problems.

A.M.Machining Technologies Ltd

Company

Country Israel
City BEER SHEVA
Street HAGANAN 16
Web <http://WWW.AMTECHNOLOGESLTD.COM>



Contact

Name Meir Hertz
Role CEO

Description

A machining Factory

Specializes in CNC and conventional machining. We work with different types of materials. Our works have high precision and high quality

Fibernet Ltd

Company

Country	Israel
City	Yokneam
Street	
Web	https://fibernet-tech.com/



Contact

Name	Eric Malka
Role	Pre-Sale manager

Description

Our knowledge, experience and creativity in the fields of cybersecurity and fiber optic applications are at your service. Designing your greatness means partnering with you to find and then implement the solution that is right for you, no matter how simple or complex.

Founded in 1993, Fibernet expertise spans the range from specialty fibers to telecommunications infrastructure, high mix low volume or large, even world-famous, projects in multiple business sectors.

Marketplace Opportunities

EXPERTISE

Fibernet's STAR high-density data center solutions

Decades of industry experience led to the development of Fibernet's STAR high-density data center solutions. STAR solutions are designed to provide maximum efficiency, in minimum space with convenient modularity that enables easy maintenance and upgrades. STAR saves space, reduces the amount of electricity and cooling solutions necessary, dramatically reducing costs.

EVERY MARKET SEGMENT NEEDS DATA CENTER SOLUTIONS

Small communications rooms to large data centers have the same challenges, just on different scales. Fibernet experts help businesses plan and implement new data centers or upgrade existing ones according to the needs of that organization.

EMPOWERING INFRASTRUCTURE INTEGRATORS

Fibernet is a one-stop-shop for infrastructure integrators.

We provide:

Project planning and guidance, including assistance in applying for tenders

Training in the implementation of Fibernet solutions

STAR high density connectivity solutions including connectivity components, splicers, and pre-connected cables to make the solution deployment simple and fast

Tools and equipment necessary to install and maintain the solutions

UPGRADE FROM COPPER TO FIBER

Fibernet provides the full range of solutions and equipment for installing and maintaining copper based data centers and communications networks. We also offer the ability to combine copper and fiber networks. At the same time we ask, why settle for good, when you can have better?

FIBER OPTICS OFFER LONG TERM ROI:

Faster transfer of more data

Increased data fidelity

Reduction of physical infrastructure – less cables, connectors and loss points means it is possible to compact the machinery in a smaller space

reduce energy consumption

increase machinery lifespan – environment immunity (oils, lubricants, electromagnetic interference etc.)

simplify maintenance, reducing needs and costs

Future ready infrastructure – Fibernet's modular plug and play infrastructure supports current and future data transfer needs, enables easy maintenance and upgrades

EXPERTISE

Specialty Fibers

Specialty optical fibers are usually understood as optical fibers which have at least one special property, distinguishing them from standard fibers.

Designing and developing solutions based on specialty fibers necessitates expertise and certain production and implementation capabilities, particularly in order to handle the needs of high mix, low volume applications – Fibernet has all of these.

Fibers with specific optical properties are designed with varying types and dimensions of core, cladding and coating. Cutting, splicing and removal of specialty fiber coatings needs to be done in accordance with their individual characteristics. In certain cases fiber diameters need to be tapered or increased in order to enable transitions between types of media.

Fibernet provides precision solutions based on specialty optical fibers (in addition to standard fibers), including offering a range of anti-reflective coatings which can be optimized for wavelengths relevant for your product. We custom design special assemblies for integration in customer products, playing a key role in the development of various high-tech products, such as various scopic equipment used in the Medical & Healthcare industry as well as solutions for Start-Ups and the Semiconductor industry.

For more information and/or to determine your project needs, contact us at: sales@fibernet.co.il

EXPERTISE

Cybersecurity

Did you know that every point of connection to your system is a potential portal of attack?

These multimedia peripherals are the physical “cracks” in the fortress of your cybersecurity.

Fibernet has developed physical cybersecurity solutions for multiple scenarios to facilitate connectivity while defending your network:

Secure Meeting Room

Secure Workstation

Command & Control Center
Smart and Secure Classroom

HIGH-END PRODUCT CYBER SECURITY

Protecting your supply chain from embedded devices.

For more information, contact us at: sales@fibernet.co.il

EXPERTISE

Copper solutions CAT6A , CAT8 & Hybrid solution

Fibernet designs and manufactures premium, high performance copper communication infrastructure and connectivity solutions for next-generation enterprise networks. We provide a wide range of Category 6A (CAT.6A) & Category 8

solutions for Data Centers, including Data Communication Cords and Connecting Hardware Components, such as Tool-Less FTP Keystone Jacks, 24 and 48 Ports Keystone Patch Panel, S/FTP Patch Cords that allow easy deployment and optimized performance.

All solutions have independent DELTA laboratory certifications.

Fibernet's fiber & copper modular solution (FCM8) is a modular solution based on an eight module patch panel in standard 1U 19" racks.

The solution supports both fiber optics and copper modules, the Fiber & Copper modules enable users to an easy and tool less installation.

Make the installation easier by pre-terminated modules with trunks cables, Fiber optics or copper.

Habonim Industrial Valves & Actuators

Company

Country Israel
City Kfar Hanasi
Street
Web <http://www.habonim.com>



Contact

Name Jacky Vinocur
Role Sales Manager



Description

Valves and Actuators Producer

Applied M L Ltd

Company

Country	Israel
City	Tel Aviv
Street	11 Kehilat Saloniki street
Web	http://appliedml.co



Contact

Name	Hanan Hefter
Role	CRO



Description

Artificial intelligence company, specializing in health and safety challenges. We turn IP cameras into proactive safety detectors.

Marketplace Opportunities

EXPERTISE

Artificial intelligence for proactive safety

We have harnessed AI capabilities in favor of proactive safety. We turn regular IP (security) cameras into proactive safety sensors, working 24/7 to save lives- from lone worker in distress, to identifying fire and smoke, proximity to dangerous machines, proper use of safety gear and more. All these detections are done without violating workers personal privacy and keeping all data on a local edge computer (no cloud computing). Our systems were chose by fortune 500's and are working globally.

UCT Fluid Solutions

Company

Country	Israel
City	Nof-Hagalil, Hayotzer 1 street
Street	
Web	https://www.uct.com/products/fluid-solutions/default.aspx



Contact

Name	Yehuda Salhov
Role	Senior Director of Marketing



Description

UCT Fluid Solutions develops, manufactures, and distributes high-performance industrial flow control systems-connectors, fittings and valves for gases and liquids. UCT Fluid Solutions address the demanding requirements of a broad number of industries: semiconductor, power generation, chemical, oil & gas, petrochemical and more. UCT factories are equipped with the latest manufacturing and inspection technologies enabling precise solutions for industry opportunities, and encouraging innovation for the creation of new, advanced components and systems.

Mulberry1

Company

Country	Israel
City	Raanana
Street	
Web	http://www.Mulberry1.com



Contact

Name	Roberto Shilton
Role	CEO

Description

Mulberry1 provides R&D Outsourcing Projects and solutions ranging from hardware, software, mechanics and turnkey solutions for a wide range of applications across a wide variety of end markets including communications, data-centers, mobile, electronics, smart homes, and defense. For fabless companies, Mulberry1 is providing Outsourcing Projects such as ASIC/FPGA design, Validation platforms, evaluation boards, reference designs and technology selection. Our team has vast experience in development of complex products and systems and a proven track record of success. We see ourselves as a technological partner to our customers with "Can Do" attitude.

Marketplace Opportunities

EXPERTISE

FPGA design

ALL types of FPGA design

EXPERTISE

Design Services HW/SW/FPGA

The best design house for projects.

Chayon Technologies LTD (All Trade)

Company

Country Israel
City Tel Aviv
Street
Web <https://www.chayon.co.il>



Contact

Name Nachshon Pincu
Role Head of ICS/OT/IoT Cyber security



Description

Chayon Technologies Where strength & Technology meet

The business and technological growth of your organization starts here. Chayon Technologies offers advanced solutions, expert services, and integration to take you into the future. Our dependable and highly qualified team, equipped with their rich experience and deep understanding of needs and challenges, will accompany your organization in facing the challenges of tomorrow quickly, efficiently, and with strict confidence.

Eltek LTD

Company

Country	Israel
City	Petach Tikva
Street	20 Ben Zion Gelis Street
Web	http://www.nisteceltek.com



Contact

Name	Oriel Sallary
Role	VP Sales and Marketing

Description

Eltek, a Nistec company is a leading global provider of complex rigid and Flex-Rigid Printed Circuit Boards (PCBs).
Established in 1970, Eltek is high technology printed circuit board manufacturer; certifications include AS9100, NADCAP and comply with ITAR & EAR.
With over 300 employees, strong engineering support, and over 50 years of success in space, defense, aerospace, medical, RF and microwave markets, Eltek is recognized as a reliable PCB global leader.
Eltek is publicly traded on NASDAQ under the symbol ELTK.

Marketplace Opportunities

EXPERTISE

Printed Circuit Board - PCB

Eltek, a Nistec company is a leading global provider of complex rigid and Flex-Rigid Printed Circuit Boards (PCBs).
Established in 1970, Eltek is high technology printed circuit board manufacturer; certifications include AS9100, NADCAP and comply with ITAR & EAR.
With over 300 employees, strong engineering support, and over 50 years of success in space, defense, aerospace, medical, RF and microwave markets, Eltek is recognized as a reliable PCB global leader.
Please see attached Eltek Brochure.
Oriel

Quantum Machines Ltd

Company

Country	Israel
City	Tel Aviv
Street	
Web	https://www.quantum-machines.co/



Contact

Name	Ziv Steiner
Role	Sales Development Manager

Description

Quantum Machines is the global leader for quantum control systems. A powerful new platform for accelerating today's quantum research and development and driving tomorrow's quantum breakthroughs.

The Quantum Orchestration Platform is a first of its kind quantum control hardware and software platform, that allows you to run even the most complex quantum algorithms, from complex multi-qubit calibrations to quantum-error-correction, right out of the box.

Tower Semiconductor

Company

Country	Israel
City	Midal HaEmek
Street	20 Shaul Amor Ave, PO Box 619
Web	http://www.towersemi.com



Where **Analog** and **Value** Meet

Contact

Name	Yakov Roizin
Role	Tower Semiconductor Fellow and Director of Emerging Technologies



Description

Tower Semiconductor Ltd. (NASDAQ: TSEM, TASE: TSEM), the leading foundry of high value analog semiconductor solutions, provides technology and manufacturing platforms for integrated circuits (ICs) in growing markets such as consumer, industrial, automotive, mobile, infrastructure, medical, aerospace and defense. Tower Semiconductor advanced and innovative analog technology offerings comprise of a broad range of customizable process platforms, such as mixed-signal/CMOS, RF CMOS, CMOS image sensors, non-imaging sensors, integrated power management and MEMS. Tower Semiconductor also provides world-class design enablement for a quick and accurate design cycle, as well as process transfer services including development, transfer, and optimization, to IDMs and fabless companies. To provide multi-fab sourcing and extended capacity for its customers, Tower Semiconductor operates two manufacturing facilities in Israel (150mm and 200mm, two in the U.S. (200mm) and three facilities in Japan (two 200mm and one 300mm) through TPSCo.

Testview Ltd

Company

Country	Israel
City	Migdal HaEmek
Street	Ha-Mechkar 5
Web	http://www.testview.co.il



Contact

Name	Assaf Yarden
Role	CEO



Description

Operating for over 12 years, Leading LabVIEW tester and software development service provider Israel. Developed over 800 test systems and automated testers. Experts in development and production of functional testers for Chip, board, assembly, and systems. Test system design and definition of test equipment, Proven expertise in RF and DC test equipment, Integration of robotic and motion systems with image processing algorithms

ePiccolo Engineering

Company

Country	Israel
City	Haifa
Street	Moshe Got Levin 28
Web	https://www.epiccolo.com/



ePiccolo
ENGINEERING

Contact

Name	Guy Shemesh
Role	General Manager



Description

Founded in 2008, ePiccolo Engineering is an electronic design services provider specializing in all aspects of electronic product design - schematics and layout of printed circuit boards, embedded software development for DSPs / MCUs, and RTL for FPGAs.

We provide outsourcing services and have acquired expertise in specific fields such as TI mmWave sensors, ADI PLL Synthesizers and RF chains, Blackfin DSP, Silicon labs EFR32 family of integrated mcu+rf transceiver, Ultrawideband positioning systems, Xilinx Zync ultrascale+ FPGAs among others.

Almost all the work is performed in-house to ensure the quality of the finished product and in case sub-contractors are needed it is clearly indicated in our offer.

We also offer mechanical engineering services, or we can cooperate with customer's personnel, we are flexible and can adjust according to the customer's preferences and skills.

Nano Dimension

Company

Country	Israel
City	Ness-Ziona
Street	Ness Ziyona, 2 Ilan Ramon Science Park
Web	http://www.nano-di.com

Contact

Name	Naor Israel
Role	Product Manager

Description

Nano Dimension Ltd. is a 3D printing company. The Company focuses on the research and development of 3D printed electronics that includes a printer for multilayer printed circuit boards, and the development of nanotechnology based inks. In addition ND offer the Farbrica 2.0, The Farbrica 2.0 Additive Manufacturing system combines precision movement system with nanometer accuracy and advanced adaptive optics.

Paxis Ceramics

Company

Country	Israel
City	Tefen Industrial Zone
Street	
Web	http://www.paxisceramics.com



Contact

Name	Orly Levy
Role	VP Marketing



Description

Paxis Ltd, a leader in the development and production of materials and products from advanced ceramics, within particular specialty in the carbide ceramic (non-oxides) materials family.

Paxis is based in Israel (northern area: Tefen industrial Zone)

The company possesses large-scale production capabilities along with production infrastructures. The company has unique patents and processes for the production of ceramic material compositions and in-house production capabilities of complex ceramic products.

The company is engaged in extensive R&D and innovation along with world-wide customers and partners, for addressing innovative solutions in the fields which are considered to be the "growth engines" of the future.

The properties and advantages of ceramic materials, combined with the in-house unique knowledge of creating new material compositions which are adapted to specific customer requirements, along with the ability to produce complex ceramic products at any required geometry & shape - makes Paxis an expert provider for custom solutions in high-performance ceramics for vast industries. Paxis is the only manufacturing company of its kind operating in this field in the Israeli market.

Imagry

Company

Country	Israel
City	Haifa
Street	
Web	http://www.imagry.co

Contact

Name	Nitsa Einan
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Description

Imagry is an Autonomous Vehicle software provider that has created a mapless driving system. Our bio-inspired technology combines real-time vision-based perception network, and imitation-learning AI for driving decision-making network. Imagry's software enables the autonomous vehicle to understand the road as it goes and reacts to dynamic context and environments, just like a human driver.

Octahedron Ltd.

Company

Country Israel
City Ganey Tikva
Street
Web <http://UndocumentedMatlab.com>



Contact

Name Yair Altman
Role MATLAB expert and manager



Description

Professional MATLAB consulting, training, and programming

Marketplace Opportunities

EXPERTISE

MATLAB consulting, programming, and training

30 years of professional software development, MATLAB expert.

Author of the well-known UndocumentedMatlab.com website and hundreds of technical articles on MATLAB.

Author of two acclaimed MATLAB textbooks: "Accelerating MATLAB Performance" (2015), "Undocumented Secrets of MATLAB-Java Programming" (2011).

Most highly-reviewed and downloaded author of open-source MATLAB utilities on the MATLAB File Exchange for the past decade.

Member of MathWorks Advisory Boards.

Available for onsite and remote consulting, programming, and/or training.

Additional details: see attached consulting profile document, or visit

<https://UndocumentedMatlab.com>

Teldor Cables & Systems Ltd

Company

Country	Israel
City	Kibbutz Ein Dor
Street	Kibbutz Ein Dor, 1933500, ISRAEL
Web	http://www.teldor.com



Contact

Name	Gabi Derhy
Role	Marketing & Sales Manager

Description

TELDOR Cables & Systems Ltd. manufactures a wide range of wires and cables for telecommunications, electronics and electricity, and is a leader in the design and production of high data-rate Copper and Optical LAN cables, Industrial BUS, Instrumentation and Control cables. The factory was established in 1966 at Kibbutz Ein-Dor, in Israel's Lower Galilee. TELDOR is a leading manufacturer in the development and production of advanced electronic, FiberOptic and data communication cables, as well as outside plant Telecom cables. TELDOR has gained an international reputation for its fast response, extensive service, custom cable design and outstanding quality.

Since 1985 TELDOR conducts its copper drawing and stranding operations in an additional branch located at Kibbutz Geshur, and as of July, 2008, acquired the Telecommunications Division of Synergy Cables, located in Beit She'an.

TELDOR products are distributed in 25 countries in 5 continents.

Major Product Lines:

- Computer, LAN and Data-transmission cables
- Fiber-Optic and Hybrid cables
- BUS and Industrial Ethernet Cables
- Instrumentation, Thermocouple and Process-Control cables
- High-frequency Coaxial cables
- Microphone and Audio-frequency cables
- Electronic and Control cables
- Telephone, Switchboard and outside plant Telecommunications cables
- Power and Lighting cables

PCB Technologies LTD.

Company

Country Israel
City Midgal Haemek
Street Haoman 10 Street
Web <http://www.pcb-technologies.com>



Contact

Name Danny Fisher
Role Sales Manager

Description

Manufacturer of Printed Circuit Boards - Hybrid, Multi-layer, Rigid, Flex, Rigid-Flex. PCBA, Full box build, SIP (System in Package).

Percepto Robotics Ltd.

Company

Country	Israel
City	Modiin
Street	
Web	http://www.percepto.co

Contact

Name	Roy Hasson
Role	Head of Business Operations



Description

Percepto provides solutions for autonomous inspection and monitoring for industry, based on autonomous drones or ground vehicles that automate inspection processes

VST (Services) Ltd.

Company

Country	Israel
City	Petah Tikva
Street	19 Imber street
Web	http://www.vacuumltd.com



Contact

Name	Itay Frommer
Role	VP



Description

VST Designs and Manufactures Innovative Vacuum System Technologies and Thin Film Deposition Systems , Tailor-Made per Customer Requirements.

Marketplace Opportunities

EXPERTISE

AM-133 ARC Melting System

AM-133 Compact Vacuum ARC Melting Furnace, for Processes up to 3000K

EXPERTISE

Thin Film Deposition Systems

Versatile PVD and ALD Systems for Different Scales:

PVD: Thermal Evaporation, Low Temperature Evaporation (LTE), E-Beam, DC/RF Magnetron Sputtering , Pulsed Laser Deposition

ALD: Thermal, Plasma

EXPERTISE

Vacuum Furnace and Process Chambers

General Purpose High-Vacuum Process-Chambers/Ovens and Degassing Systems

EXPERTISE

Aerospace Simulators

Aerospace Simulation and Testing Systems