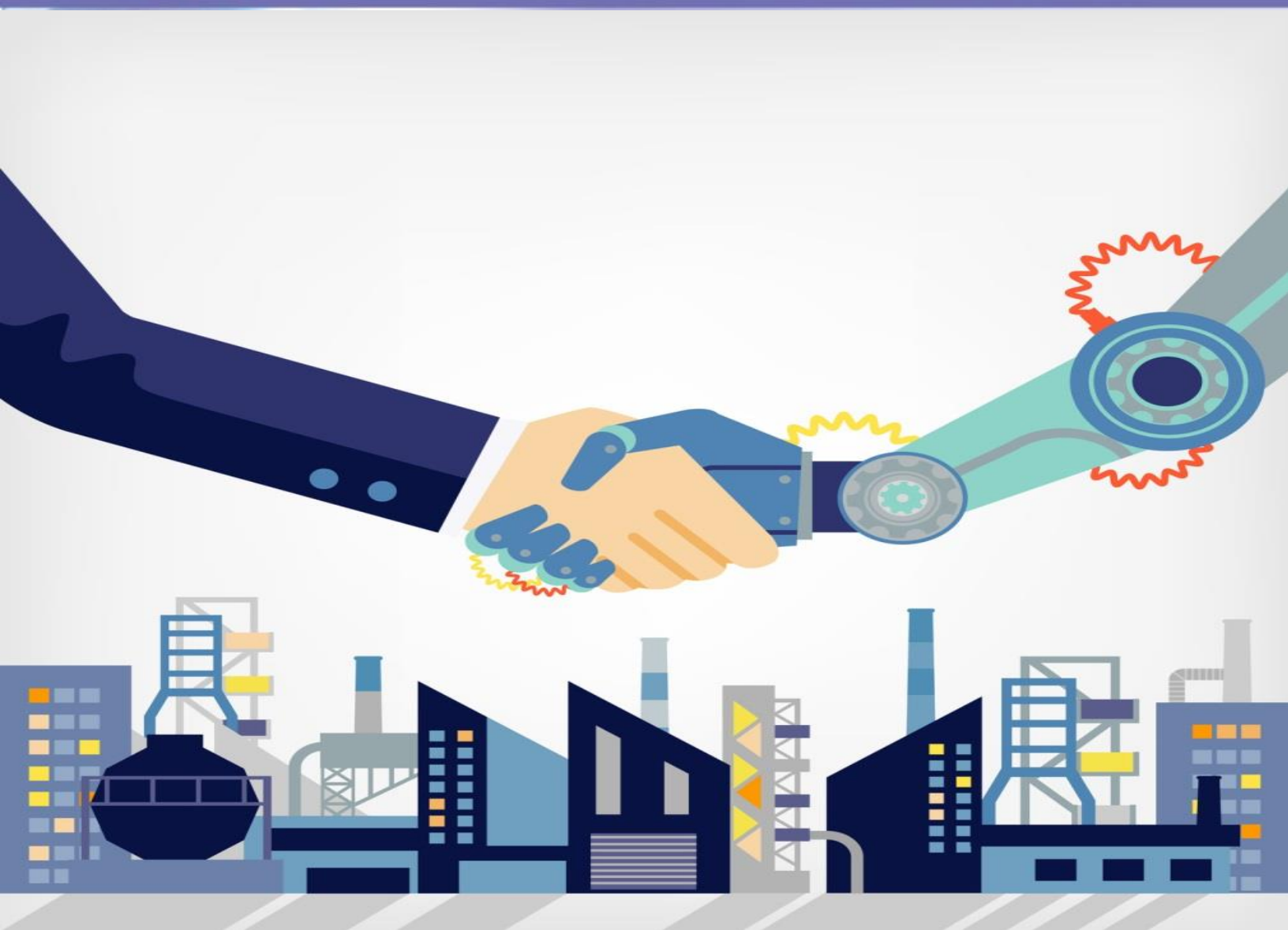




# Smart Manufacturing Company Catalog

Taipei | 08.05.17



## Meet the 2017 Israeli Smart Manufacturing Delegation

On behalf of the organizers and partners, we would like to introduce you to the 2017 Smart Manufacturing Delegation to Taipei.

The delegation of 8 innovative Smart Manufacturing companies represents a wide spectrum of Israel's vigorous Hi-tech community, from innovative start-ups to established companies in the fields of robotics, Systems Production Intelligent and Robotics Advanced, Automation, Technologies Computer; CAM, CAE, CAD, Analysis & Simulation, Modeling for Computing Performance High, Technologies Precision High, Technologies Information, Technologies Platform Industrial New, Critical Protecting Infrastructures Manufacturing , Prototyping Rapid, Processes Green and Sustainable, Software of development.

Please take the time to explore their innovative solutions in this catalog, and meet the companies at the special B2B events organized in Taipei on 8.5.2017

### Why Israel?

The Israeli advantage is most prominent in development of software, communication and analysis platforms for advanced manufacturing: 3D printing& imaging, programming solutions for CAD\CAM and CNC, automate inspection for industrial processes, motion control, communication and analysis platforms for industrial process, motion control, communication and analysis and industrial IOT are all fields in which Israel presents continuous innovation in development of solutions, applications and manufacturing technologies.

The Israeli economy hold the capacity for nurturing advanced manufacturing processes, from developing applications for manufacturing processes through product development& design, to short-series 3D tailor- made flexible manufacturing processes. For industries that demand high quality of production, such as semiconductors and pharmaceuticals, Israel offers benefit from data-analytics-drive improvements which reduce error rates.

For industries with high level of product variants, such as automotive and food and beverage industries, Israel offers benefits from greater degree of flexibility in manufacturing that can generate productivity gains. This is why many multinationals companies find Israeli eco-system as the most suitable environment for ensuring a long term viable development of next generation manufacturing processes, based on highly skilled R&D employees and constant innovation in product development, application development and production processes innovation.

- ✓ Over 600 smart manufacturing companies
- ✓ Base of over 340 multinational R&D centers
- ✓ First in the world in quality of scientific research institutions
- ✓ First in the world for patents per capita (US Patent Office 2011)
- ✓ Extensive international R&D and commercial partnerships
- ✓ World-renowned academic research institutes such as the Technion and Weizmann Institute

## Meet the Sponsoring Organizations

The sponsoring organizations of the Israeli delegation provide a full array of support and services to nurture the development of industry and innovation:



**DoIT, the Department of Industrial Technology**, under the Taiwan's Ministry of Economic Affairs (MOEA) was established in 1993 to initiate R&D innovation, break ground on industrial technology development, and reinforce national competitiveness. The DoIT's main mission is to leverage the Technology Development Programs (TDPs) to integrate the R&D resources and soft power of research institutes, academia, and the industry.



**Industrial Technology Research Institute (ITRI)** is a nonprofit R&D organization engaging in applied research and technical services, aiming to innovate a better future. Founded in 1973, ITRI has been dedicated to helping industries stay competitive and sustainable. Over the years, ITRI has nurtured more than 260 companies, including well-known global semiconductor leaders such as TSMC and UMC. The institute will continue serving as a pioneer for industries by strengthening its capabilities of multidisciplinary innovation and cooperation with international partners all over the world.



**The Israel Innovation Authority**, formerly known as the Office of the Chief Scientist of the Ministry of Economy (& MATIMOP), which is responsible for the country's innovation policy, is an independent and impartial public entity that operates for the benefit of the Israeli innovation ecosystem and Israeli economy as a whole. Its role is to nurture and develop Israeli innovation resources, while creating and strengthening the infrastructure and framework needed to support the entire knowledge industry.



**The Foreign Trade Administration at the Ministry of Economy** is responsible for managing and directing the international trade policy of the State of Israel. The main fields of activity include activities for the promotion of trade and export, initiating and maintaining trade agreements for the improvement of Israel's trade conditions, attracting and encouraging foreign investments and strategic cooperation with foreign companies.



## The Taiwan-Israel R&D Cooperation Program

In April 2015, the Taipei Economic and Cultural Office in Tel Aviv (TECO) and the Israel Economic and Cultural Office in Taipei (ISECO) signed an R&D agreement to support industrial R&D cooperation between Taiwan and Israel.

This agreement aims to encourage industrial R&D cooperation between private sector companies from Taiwan and Israel, and serves as the basis upon which the new 'Taiwan-Israel R&D Cooperation Program' was launched.

Under the Program, companies from Israel and Taiwan have access to government funding for collaborative R&D projects as well as assistance in locating R&D and business partners.

Companies of all sizes from Taiwan and Israel are invited to partner up and – during the program's "calls for proposals" - apply for funding for joint R&D projects aimed at the development of innovative new technologies or processes leading to commercialization in the global market.

The Bilateral R&D agreement and the R&D Program under it, are jointly implemented and promoted by ITRI (Industrial Technology Research Institute) on behalf of The Department of Industrial Technology (DoIT) of the Ministry of Economic Affairs (MOEA) in Taiwan; and The Israeli Innovation Authority, the Israeli Industry Center for R&D.

The Israeli Innovation Authority and ITRI are available to conduct dedicated partner searches for both Israeli and Taiwanese companies based on their individual needs and requirements.

Contact Israel Innovation Authority or ITRI to start the process!

**Mrs. Talia Goshen**  
Program Manager, Asia Pacific  
Israel Innovation Authority  
[Talia.Goshen@innovationisrael.org.il](mailto:Talia.Goshen@innovationisrael.org.il)

**Mr. Ethan Ting**  
Senior Account Manager  
ITRI International Center  
Industrial Technology Research Institute  
[ethanting@itri.org.tw](mailto:ethanting@itri.org.tw)

Company	Page
 <b>ATE LABS</b> ENGINEERING <small>DEVELOPMENT · CONSULTING · OUTSOURCING</small>	5
 <b>COLIBRI</b> <small>The Metalworking Innovators</small>	7
 <b>EVS</b> - Your Quality Our Vision	9
 <b>Elmō</b> <small>Motion Control</small>	11
 <b>Frisimos</b> <small>Robotics Automation</small>	13
 <b>K&amp;S advanced systems</b>	15
 <b>LeaderMES</b>	17
 <b>PRECOGNIZE</b>	18



**Mr. Kobi Hazan**

[kobi.hazan@ATE-Labs.com](mailto:kobi.hazan@ATE-Labs.com)

+972-1-801-22-8080

P.O. Box 299 Modi'In



## ATE – Labs Engineering

**Industry Sector:** Customized Test, Measurements, Control and Automation Solutions (Software and Hardware INTEGRATION)

**Website:** [www.ATE-Labs.com](http://www.ATE-Labs.com)

### Company Description:

ATE - Labs Engineering provides Test , Measurements, Control and Automation solutions for the industries of semiconductors, telecommunications, medical, automotive, renewable energy, consumer electronics, security , applied physics , research and IoT.

ATE - Labs Engineering provides Customized Automation Tooling and Equipment, IoT Hardware and Software Integration, customized Machine Vision systems (Automated Optical Inspection),

Automated Machine Condition Monitoring, Energy consumption monitoring, and Data acquisition Systems.

### Technology Description:


Applicative Innovation, Customized Software and integration with Hardware.

### Delegate Profile:

Kobi Hazan (Founder and CEO , System Engineer)

Kobi has more than 20 years of experience with a variety of high-tech companies.

Kobi acquired technical and managerial experience in development of ATE (Automatic Test Equipment) ,system integration, System Engineering and products engineering, of Multidisciplinary systems and Embedded systems, reducing operating costs and improving of manufacturing processes.



公司名稱：ATE – Labs Engineering

行業領域：定制自動化設備（軟硬體系統的開發集成）

公司網址：[www.ATE-Labs.com](http://www.ATE-Labs.com)

#### 公司簡介：

ATE - Labs Engineering 公司專注於提供測試、檢驗、自動化和控制解決方案，服務於半導體、通訊、傳媒、汽車、新能源、消費電子、安保、應用物理和研發等行業。我們提供定制的自動化工具和設備，物聯網硬體和軟體集成，定制的機器視覺系統（自動光學檢測），自動化的機器狀態監測，能耗監測。

#### 技術簡介：

為客戶硬體集成創新應用、定制化軟體。

#### 代表簡介：

Kobi Hazan（公司所有人，系統工程師）

Kobi有超過二十年的各種高科技公司任職經歷，在奧寶科技、科維迪恩公司（原名柯惠醫療）、MIT無線和Goji工作過。他曾在ATE的研發部門、系統集成和產品工程等部門工作，有技術和管理工作經驗。曾經負責過研發部門、工程部門、多學科系統和嵌入系統的製造集成部門、製造部門消減成本和優化。Kobi也曾在以色列空軍研發部門擔任過六年團隊主管。



**Mr. Sharon Weiss**  
CEO  
[sharon@colibrispindles.com](mailto:sharon@colibrispindles.com)  
+972-54-2326826



## Colibri Spindles Ltd.

**Industry Sector:** CNC Machining

**Website:** [www.colibrispindles.com](http://www.colibrispindles.com)

### Company Description:

Established in 2003, Colibri Spindles have become world leaders in advanced high speed auxiliary CNC spindle solutions. We are the proud innovators and exclusive manufacturers of the patented **HSM Jet Spindle line**, which offers our unique high speed coolant-driven technology for improved feed rates and reduced machining time in a range of CNC machining operations.

### Colibri's Strong Market Position:

- **Expertise:** Deep knowledge of the metalworking industry enables us to offer solutions for a wide range of demanding machining requirements and applications.
- **Trusted technology:** Products and solutions are trusted by long-standing, globally prominent partner companies with IMC Group affiliations.
- **Custom projects:** In addition to our standard Jet Spindle line, Colibri cooperates tactically and technically with customers to design optimal tailor-made solutions.

Colibri also serves the semiconductor industry by manufacturing a range of quality high-speed **air-bearing dicing spindles**, featuring high stiffness and low run-out for ultra-precision cutting in both hard and soft materials.

### Technology Description:

The HSM Jet Spindle system uses the machine's existing coolant or cutting fluid supply as a pressurized energy source (20 to 70 bars), rotating a turbine in the range of 40,000 to 80,000 RPMs. (regular spindle 10,000-12,000 RPMs). Utilizing coolant as a resource freely available in the machine, eliminates the cost and hassle associated with introducing an outside power feed – air supply or electricity. The HSM Jet Spindle is a compact device that easily fits on any ATC or tool magazine for Plug & Play convenience with no pre-installation needed. The Spindle is fitted with an onboard wireless sensor that transmits RPMs in real-time to an external display unit. Operators then can monitor spindle performance to ensure optimized accuracy and cutting speed.

### Delegate Profile:

Mr. Sharon Weiss, CEO, Colibri Spindles Ltd., is an industry veteran with strong skills in management, planning, organization and international marketing & sales. He has been a key mover in securing Colibri's position within the fast-paced and challenging environment of today's CNC manufacturing industry. Sharon has earned MBA degrees from the Kellogg School of Management.



公司名稱: **Colibri Spindles Ltd.**

行業領域: 數控機床

公司網站: [www.colibrispindles.com](http://www.colibrispindles.com)

### 公司簡介:

Colibri Spindles 公司成立於 2003 年，在數控機床主軸技術領域處於世界領先地位。公司創新開發了 HSM Jet Spindle line 專利產品，並是其獨家製造商。在數控機床加工領域，該產品的獨特的高速冷卻技術提高了進給速率並縮短了機加工時間。

### 公司市場地位

-專長：基於對金屬加工行業的深入瞭解，公司能夠為廣泛的涉及機械加工方面的要求和應用提供解決方案。

-值得信賴的技術：公司的產品和解決方案被老牌的、全球知名的合作夥伴公司所信任。

-定制服務：除了數控機床主軸方面的專利產品外，公司還可以量身定做，為客戶定制最佳的解決方案。

公司也服務於半導體行業，生產了一系列高品質的高速空氣軸承主軸，產品在軟硬材料的超精密切削方面具有高剛度、低跳動的特性。

### 技術簡介:

HSM Jet Spindle系統採用機床內部現有的冷卻劑或切削液作為加壓源(大約20-70個大氣壓)，推動渦輪以40000-80000 rpm的轉速轉動(常規主軸的轉速是10000-12000 rpm)。利用機床內部現成的冷卻劑作為一種可用資源，免除了引入外部動力源（空壓或電力）的成本和麻煩。HSM Jet Spindle是一個緊湊的設備，可以很方便地安裝在控制模組或者刀座上，隨插即用，無需預先安裝。主軸上安裝了一個內置的無線感測器，可以將轉速即時地傳送到外部顯示單元，說明操作人員監控主軸性能從而優化切割速度、提高精度。

### 代表簡介:

Sharon Weiss先生，公司CEO，凱洛格管理學院MBA學位。他具有豐富的管理、策劃、組織和行銷經驗，在當今多變及充滿挑戰的環境中，他帶領著公司在數控製造行業中牢牢地佔據了一席之地。



**Mr. David Hudgins**  
david.hudgins@evs-china.com>

Industrial Park, Bareket str. 7,  
Caesarea 3088900, Israel

## **Elbit Vision Systems Ltd.**

**Industry Sector:** Automatic Inspection of Industrial Webs

**Website:** [www.evs.co.i](http://www.evs.co.i)

### **Company Description:**

Elbit Vision Systems Ltd. (EVS) established in 1992, has pioneered the science of camera-based automatic vision inspection for fabrics and industrial webs for over two decades.

EVS systems (iBar, IQ-TEX Family, SVA), used to improve quality and efficiency, are used in hundreds of operational installations worldwide in applications like woven materials, non-woven materials, tire-cord, seat-belts, flooring, coated fabrics, apparel, denim, glass fabrics and plastic films, reinforcement fabrics and laminates. EVS encircles the globe with "cross-continent" quality standards making automatic vision inspection a crucial industry standard.

### **Technology Description:**

EVS' the novel, revolutionary systems are the outcome of 20 years of field experience in automatic web inspection and are inspecting the web in full color using RGB channels, which enables enhanced defect detection performance. EVS' systems are based on proprietary pattern recognition algorithm implemented in powerful "smart" CCD array cameras. Displaying the defect images in full color on Video Album PC station improves the defect interpretation capability. Enabling full color inspection substantially improves the automatic inspection process. Such improvement contributes to better quality, increased operational efficiency, and shorter return on investment. EVS' systems are designed to enable versatile installation and address the difficult environment of the high speed textile industry.

### **Delegate Profile:**

公司名稱：Elbit Vision Systems Ltd.

行業領域：工業網格自動檢測

網站：[www.evs.co.il](http://www.evs.co.il)

### 企業介紹：

Elbit Vision Systems Ltd. (EVS)公司于 1992 年成立，開創了基於成像的自動視覺檢測技術，該技術已在紡織工業和工業網格領域應用超過 20 年。

EVS 公司的各類系統（包括：iBar, IQ-TEX Family, SVA），可有效提升品質和生產效率，並已廣泛應用於全世界數以百計的場所，其應用方向包括：編織材料、無紡布材料、簾布、安全帶、地板、塗層織物、服裝、牛仔布、玻璃纖維和塑膠薄膜、強化織物和層壓材料等。EVS 以其“跨越大洲”的品質標準享譽全球，並已使自動視覺檢測技術成為至關重要的行業標準。

### 技術簡介：

EVS 的各類系統是創新的和革命性的，也是自動網格檢測領域 20 年行業經驗的必然成果。該技術以全彩的 RGB 顏色分量方式檢測網格，有效提高了缺陷檢測的性能。EVS 的各類系統都是在強大的“智慧”CCD 陣列相機中運用專有模式識別演算法基礎上開發研製的。在視頻 PC 工作站上以全彩顯示缺陷圖像有助於提高缺陷的辨識能力。應用全彩檢測大幅改進了自動檢測過程。這些改進有助於提高產品品質，提升效率，縮短投資回報期。EVS 各系統被設計用於高速紡織工業中的通用安裝及艱苦環境的應對。

### 代表簡介：

Mr. Michael Sharon – EVS 歐洲執行主任 [Michael@evs.co.il](mailto:Michael@evs.co.il)

或 Mr. Yaron Menashe – COO/CFO [yaron@evs.co.il](mailto:yaron@evs.co.il)



**Mr. Ben Monhait**  
[benm@elmomc.com](mailto:benm@elmomc.com)

+972-544649801



## Elmo Motion Control Ltd.

**Industry Sector:** Servo Drives & Motion Controllers

**Website:** [www.elmomc.com](http://www.elmomc.com)

### Company Description:

Elmo is the answer to industry needs for increasingly complex, high-tech motion control solutions. With over 25 years of accumulated knowledge and experience, global representation, and renowned reliability, we are always one-step-ahead in developing innovative, feature-rich, high power-density, and ultra-compact products that give our clients a competitive edge.

We are proud to say that our digital servo drives and network motion controllers have been integrated by leading machine manufacturers around the world in a wide variety of challenging industries – be it industrial or military, where performance, precision and consistency of operation are paramount.

We constantly pour resources and soul into improving our technology, products, services, and business processes. We understand and meet our customer's requirements and expectations consistently and timeously. We are committed to advancing the motion control industry as a whole.

### Technology Description:

Elmo Motion Control designs servo drives, advanced network motion controller & complete motion control solutions for industrial and harsh environment applications for all motors. We provide breakthrough solutions unmatched in performance, reliability and ease-of-use, offering a one-stop motion control solutions that can answer the needs of any application.

### Delegate Profile:

Business Development Manager, Working for Elmo Motion Control since 2014. Experienced in Business Development, Subsidiary forming and legal contracts. Supporting the management and Sales teams in the growth of the company's manufacturing locations and worldwide sales offices.

LL.B in Law, The Interdisciplinary Center Herzliya (IDC). B.A in Business Administration with specialization in Finance (IDC).

Certified Advocate, Member of the Israel Bar Association (2015).



公司名稱：Elmo Motion Control Ltd.

行業領域：運動控制

公司網站：[www.elmomc.com](http://www.elmomc.com)

#### 公司簡介：

公司針對工業領域日益增長的高科技運動控制需求提出了解決方案。公司擁有 25 年的知識積累和經驗，擁有良好的信譽，在技術革新中我們總是領先一步，為客戶提供功能豐富、結構緊湊的產品。

#### 技術簡介：

公司設計了伺服轉動裝置、先進的網路運動控制器和完整的運動控制解決方案，使電動機能夠適用於各種苛刻的工業應用環境。我們的產品具有無與倫比的性能，可靠且易用，並提供一站式的運動控制解決方案，可以滿足任何實際應用的需求。

#### 代表簡介：

Ben Monhait 業務拓展經理，以色列律師協會會員，擁有法學和工商管理學士學位。2014 年進入公司工作，在業務拓展、分支機構建立、法律合同方面具有豐富的經驗。幫助了公司管理和銷售團隊的快速成長。

公司是一家以技術為導向公司，致力於技術革新，為客戶提供物美價廉、功能豐富、結構緊湊的高科技智慧產品。廣大公司員工努力在運動控制技術方面為客戶提供更好的服務。



**Mr. Tal Pechter**  
[tal@frisimos.com](mailto:tal@frisimos.com)  
+972-50-400-3991  
25 Hataasiya st., Raanana Israel



## Frisimos Technologies Ltd.

**Industry Sector:** Cable assembly automation

**Website:** [www.Frisimos.com](http://www.Frisimos.com)

### Company Description:

Frisimos Ltd. is an Israeli company, developing an innovative solution, for the automatic assembly of electrical cables. The process of cable assembly is based almost entirely on human workmanship. The lack of automation increases product cost, reduces quality and increases supply lines. Our robotics solution allows reduction of manufacturing cost by an average of 80%. The estimated total available market is \$32 billion.

Company Status: early sales

### Technology Description:

Our product line is based on propriety knowledge in the fields of: Robotics, Lasers, Machine Vision and Machine Learning. We developed a modular and scalable set of machines which enables to increase productivity and quality while reducing labor cost. The machines are displayed here in:

#### LayerRemove



#### WireSort



#### WireSolder 6160



### Delegate Profile:

**Mr. Tal Pechter, Msc,MBA - CEO**

Mr. Pechter is Frisimos Co-founder and CEO since January 2013. From February 2012 Mr. Pechter is the chairman of ProEnergy Affiliates, an exclusive group of independent and Oil and Gas NDT and MRO service providers located in strategic markets worldwide. From April 2005 to September 2011 Mr. Pechter served as founder and CEO of AcousticEye, a pioneer in Acoustic Pulse Reflectometry (APR) technology for use in the non-destructive testing (NDT) industry, from concept to annual sales of over 3 million dollars in less than 3 years. From March 2002 to March 2005 Mr. Pechter served as VP R&DE of SleepUp, a pioneer in developing solutions for Obstructive Sleep Apnea disorders treatment and distant monitoring. From August 1998 to January 2002 Mr. Pechter served as ECS Engineer at Israel Aerospace Industries.

公司名稱：Frisimos Technologies Ltd.

行業領域：電纜組件自動化

網站：www.Frisimos.com

### 公司介紹：

Frisimos Ltd.公司是一家以色列公司，致力於電纜元件自動化的創新解決方案。現有電纜元件的過程幾乎完全依賴人工完成。自動化流程的缺乏使產品成本增加，品質降低，供應鏈加長。我們的機器人解決方案有助於將生產成本平均降低 80%。據預測，整個市場規模將達 320 億美元。公司狀態：銷售初期

### 技術簡介：

我們的產品是以下領域知識的集成，包括：機器人、鐳射、機器視覺和機器學習。我們開發了一系列模組化和擴展性強的機器，能在降低勞動成本的同時提高生產效率，提升品質。產品如下：

**LayerRemove 2160**



**WireSort 3160**



**WireSolder 6160**



### 代表簡介：

Mr. Tal Pechter, Msc,MBA – CEO

Mr. Pechter 是 Frisimos 公司的聯合創始人，自 2013 年 1 月起擔任公司 CEO。

2012年2月起，Mr. Pechter擔任ProEnergy子公司的主席，該公司是一個面向世界範圍戰略市場的獨有的石油和天然氣無損檢測和MRO服務的提供商。

2005年4月-2011年9月，Mr. Pechter創立AcousticEye公司，並擔任CEO。該公司是將聲音脈衝反射法（APR）應用於無損檢測的先行者，在不到3年的時間內完成了從概念設計到年銷售額超過300萬美元。

2002年3月-2005年3月，Mr. Pechter就職於SleepUp公司，擔任VP和R&DE。該公司是致力於實現阻塞性睡眠呼吸暫停障礙疾病的治療與遠端監測的先行者。

1998年8月-2002年1月，Mr. Pechter就職於以色列航太航工工業公司，擔任ECS工程師。



**Mr. Danny Shikh**  
[dannys@kns-systems.com](mailto:dannys@kns-systems.com)  
+972-54-4557506  
Einstein 13B str. Since Park.  
Nes Ziona 7400401  
Israel



## K&S Advanced Systems LTD.

**Industry Sector:** Vibration Isolation for Precision Tools and Instruments

**Website:** [www.kns-systems.com](http://www.kns-systems.com)

### Company Description:

K&S dedication to system design stems from a long history with scientific instruments.

K&S designs and manufactures systems that set the next-level industry standard for precision instruments.

Our solutions are installed easily and overcome disturbing vibrations without interfering with workstation, OEM device layout, or environment. An industries example uses K&S devices

- Semiconductor Manufacturing
- Life Sciences
- Robotics
- Medical Devices
- Nanotechnology
- Microscopes (AFM, SEM, TEM, STM, Optical, Inverted)

### Technology Description:

- Patented Architecture
- Active Vibration Isolation in all Six Degree of Freedom
- No use of any piezoelectric elements - better performance in low frequencies and longer life time
- Fully decoupled architecture isolating vibrations coming from the floor and vibration generating by machine/tool, like moving stages, fans, internal motors.

### Delegate Profile:

Co-Founder and CEO. BSc.E.E. in Electronics Engineering.

More than 20 years' Experience in Research and Development in, Products and Marketing.



公司名稱：**K&S Advanced Systems LTD**

行業領域：精密工具和儀器的振動分離

網址：[www.kns-systems.com](http://www.kns-systems.com)

### 公司簡介：

K&S 長期專注於科學儀器的系統設計。

K&S 設計和製造針對精密儀器的下一代工業標準體系，我們的解決方案安裝簡易，可以克服振動的干擾同時不影響工作臺、OEM 器件佈局或環境。K&S 的產品應用領域如下：

- 半導體製造業
- 生命科學
- 機器人
- 醫療器件
- 納米技術
- 顯微鏡

### 技術簡介

- 專利性架構
- 六自由度的主動振動分離
- 無壓電材料——低頻下更好的性能表現和更長的使用壽命
- 對來自地板和來自儀器本身的振動（平臺移動、風扇、內部馬達）完全解耦

### 代表簡介：

Danny Shikh 聯合創始人兼 CEO，電氣工程工學學士，在產品開發和市場領域超過 20 年的經驗。



**Mr. Nathan Tiomkin**

nathi@leadermes.com

+972-52-5238348

Yohanan hasandlar 8 st, Haifa, Israel



## LeaderMES

**Industry Sector:** Software - IIOT – MES/MOM System for SMEs factories

MES/MOM smart digital manufacturing platform that provides unprecedented visibility and control of your manufacturing process - anytime, anywhere.

**Website:** [www.leadermes.com](http://www.leadermes.com)

### Company Description:

LeaderMES develops software that is used by factories to digitize the production process. Our software combines pervasive technology and manufacturing know how to monitor and capture the complete digital production journey for full auditability, repeatability and knowledge capture.

Designed for SMEs, our secured cloud-based MES system enables fast, non-disruptive, modular and scalable deployment.

### Technology Description:

We enable you to optimize production efficiency and digitally streamline every part of your manufacturing process using the latest in secure connectivity, data analytics and advanced computing:

- Internet of Things IoT-Ware
- Mobile and wearable devices
- Secure data transfer using proprietary InCloudFactory™
- SaaS Cloud-based storage and computing
- Analytics and Business Intelligence techniques

### Delegate Profile:

Nathan Tiomkin – Sales & Business Development Director

B.A in Communication & Management

MBA Master of Business Administration



**Mr. Chen Linchevski**  
Precog, CEO  
[chen@precog.co](mailto:chen@precog.co)  
+972-545224014  
3 Yozma St. Tirat Hacarmel,  
Israel



## Precognize

**Industry Sector:** Predictive Maintenance for the Heavy Industry

**Website:** [www.precog.co](http://www.precog.co)

### Company Description:

Precognize is a software company focusing on preventing failures of complex industrial machines in petrochemical, chemical, steel electricity generation plants and more. Precognize customers include companies such as BASF, General Electric and Bazan. In China, Precognize works closely with New Hope to ensure zero machine failure of their plants.

The company is located at Tirat Hacarmel, Israel.

### Technology Description:

Precognize predicts and recognizes failures. It relies on the amounts of data the sensors collect anyhow at chemical, petrochemical, steel, and power generation plant, but takes it forward. It turns the human knowledge of the plant to a mathematical graph and uses it together with Machine Learning to trigger only a few, true, early and meaningful alerts. By relaying on the combination of machine learning and processed human knowledge, Precognize is able to detect **everything**, and pinpoints the exact part that is going to fail, yet to create no noise.

### Delegate Profile:

Chen Linchevski. CEO.

Chen has vast experience in management, sales and business development of industrial software. Chen is a true believer in the ability of the industrial sector to transform itself and increase efficiency as never before by using Big Data. Previously, Chen was the CEO of Opcat, in leading positions in Ayeca and worked with key technology companies such as GE, Israel Electricity Company, Elbit, and IAI, specializing in analysis and design of complex industrial systems. Chen holds LLB from the Hebrew University in Jerusalem.



公司名稱：Precognize

行業領域：重工業的預見性維護

公司網址：[www.precog.co](http://www.precog.co)

### 公司簡介：

Precognize 是一家軟體公司，專注於複雜工業機器的事務預防，主要應用於石油化工、化學、鋼鐵和電廠等行業。我們的客戶包括德國巴斯夫公司、美國通用電氣和 Bazan。在中國，我們和新希望集團密切合作，確保他們工廠裡的機器零事故運行。

### 技術簡介

Precognize 依靠感測器收集的所有資料來預測和辨認故障，適用但不限於化工廠、石油化工廠、鋼鐵廠和發電廠。它將人類認知的工廠轉化為數學圖形，並結合機器學習，在事故早期做出有效真實的預警。依靠這項技術，Precognize 能夠全面監測，精確找出即將發生故障的零件，而不對系統產生影響。

### 代表簡介

Chen Linchevski，首席執行官

Chen 在工業軟體行業有豐富的管理、銷售、商務發展經驗。他堅信通過使用大資料技術，工業部門能夠進行改革，達到比之前更高的效率。Chen 曾在 Opact 擔任首席執行官，也曾在 Ayeca 擔任領導職位，也曾在通用電氣、以色列電氣公司、技術公司、埃爾比特和以色列航空工業公司等知名公司工作，擅長於複雜工業系統的設計和分析。Chen 畢業于耶路撒冷希伯來大學，獲得法學學士學位。