The German-Arab Chamber of Industry and Commerce (GACIC) organized together with RENAC AG a delegation visit to Germany for 14 leading Egyptian and Jordanian companies and organizations operating within the renewable energy sector. The fact-finding mission was held...
Dear Members,

We have the pleasure to announce the launch of our Industry 4.0 workshop. This workshop is part of our functional workshops that are offered free of charge to our members to expand their network and exchange information and ideas.

In this context we would like to invite you to take part in
Our First Industry 4.0 Workshop

**Topic:** Industry 4.0 as a Driver for Egypt’s Economic Growth

**Overview and Opportunities**

**Speakers:** Sherif El-Nager, Head of Service Delivery, Digital Industry
Mennen Elkalyoubi, VP Business Development & Strategy
Siemens SAE

Tuesday August 6th, 2019
10:00 am – 01:00 pm
Location: The German–Arab Chamber Premises, Nefertiti conference room, 11th Floor
21, Soliman Abaza St., off Jamet El Dowel El Arabia, St., Mohandessin

These workshops are the perfect opportunity to be informed about the recent updates of the selected topics.

www.ahkmena.com

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Ms. Aya Allam | Mobile: +2 01016930973 | Email: aya.allam@ahk-mena.com

GACIC Announcements

<table>
<thead>
<tr>
<th>Month</th>
<th>Topic</th>
<th>Language</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>September</td>
<td>MBA Express 10th Round</td>
<td>English &amp; Arabic</td>
<td>10 half days (6 pm - 10 pm)</td>
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<td></td>
<td>Mind-Set Selling</td>
<td>English &amp; Arabic</td>
<td>3 days (9 am – 4 pm)</td>
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<tr>
<td></td>
<td>People Management Psychology</td>
<td>English &amp; Arabic</td>
<td>7 days (9 am - 4 pm)</td>
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<tr>
<td></td>
<td>Supply Chain Diploma</td>
<td>Arabic</td>
<td>6 days (10 am - 3 pm)</td>
</tr>
<tr>
<td>October</td>
<td>Leadership Track</td>
<td>English &amp; Arabic</td>
<td>5 days (9 am – 4 pm)</td>
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<td></td>
<td>Digital Marketing Diploma</td>
<td>English &amp; Arabic</td>
<td>8 half days (6 pm – 10 pm)</td>
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<td></td>
<td>Branding “Future Trends”</td>
<td>English &amp; Arabic</td>
<td>2 days (9 am – 4 pm)</td>
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<td></td>
<td>Financial Statement Analysis</td>
<td>English &amp; Arabic</td>
<td>2 days (9 am – 4 pm)</td>
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<td>HR for Non- HR Professionals</td>
<td>English &amp; Arabic</td>
<td>2 days (9 am – 4 pm)</td>
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<td></td>
<td>Import/ Customs Clearance Diploma</td>
<td>Arabic</td>
<td>8 days (10 am - 3 pm)</td>
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<td></td>
<td>Exporting to Europe</td>
<td>Arabic</td>
<td>2 days (10 am - 3 pm)</td>
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The German-Arab Trade (GAT) magazine is the official quarterly magazine of the Chamber published in English and Arabic.

For more information about advertising rates and packages please contact:
Ms. Aya Allam
Marketing Communications Project Manager
Tel: (+202) 3333 8471
gat@ahk-mena.com

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For more information about Trade Fairs exhibitor & visitor services please contact:
Trade Fairs Department: 3333 8456/ 57/ 58/ 59/ 60 | Email: fairs@ ahk-mena.com

## Upcoming International Trade Fairs 2019

<table>
<thead>
<tr>
<th>Trade Fairs</th>
<th>Location</th>
<th>Date</th>
<th>[more]</th>
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<tbody>
<tr>
<td>gamescom</td>
<td>Koeln</td>
<td>20-24 August 2019</td>
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<tr>
<td>Anufood Annapoorna</td>
<td>Mumbai</td>
<td>29-31 August 2019</td>
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<tr>
<td>Caravan Salon</td>
<td>Duesseldorf</td>
<td>30 August - 08 Sept 2019</td>
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<td>spoga + gafa</td>
<td>Koeln</td>
<td>1-3 September 2019</td>
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<td>Spoga horse (autumn)</td>
<td>Koeln</td>
<td>1-3 September 2019</td>
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<td>Asia Fruit Logistica</td>
<td>Hong Kong</td>
<td>4-6 September 2019</td>
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<td>Medical Fair China</td>
<td>Suzhou</td>
<td>5-7 September 2019</td>
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<tr>
<td>IFA</td>
<td>Berlin</td>
<td>6-11 September 2019</td>
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<td>Medical Fair Asia</td>
<td>Singapore</td>
<td>9-11 September 2019</td>
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<td>Medical Fair Thailand</td>
<td>Bangkok</td>
<td>11-13 September 2019</td>
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<td>IAA Cars</td>
<td>Frankfurt</td>
<td>12-22 September 2019</td>
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<td>Anutech International</td>
<td>Mumbai</td>
<td>13-15 September 2019</td>
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<td>Foodtec India</td>
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<tr>
<td>EMO</td>
<td>Hannover</td>
<td>16-21 September 2019</td>
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<td>Wire &amp; Tube Southeast Asia</td>
<td>Bangkok</td>
<td>18-20 September 2019</td>
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<td>T-Plas</td>
<td>Bangkok</td>
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<td>Packprint International</td>
<td>Bangkok</td>
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<td>Rehacare</td>
<td>Duesseldorf</td>
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<td>Kind + Jugend</td>
<td>Koeln</td>
<td>19-22 September 2019</td>
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<td>Analytica Anacon India</td>
<td>Hyderabad</td>
<td>19-21 September 2019</td>
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<td>CE China (IFA)</td>
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<td>19-21 September 2019</td>
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<td>Wire South America</td>
<td>Sao Paulo</td>
<td>1-3 October 2019</td>
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<td>Kids Turkey</td>
<td>Istanbul</td>
<td>3-6 October 2019</td>
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<td>Anuga</td>
<td>Koeln</td>
<td>5-9 October 2019</td>
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<td>Expo Real</td>
<td>Munich</td>
<td>7-9 October 2019</td>
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<td>Process Expo</td>
<td>Chicago</td>
<td>8-11 October 2019</td>
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<td>Insights-x</td>
<td>Nuremberg</td>
<td>9-12 October 2019</td>
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<td>China Kids Expo</td>
<td>Shaghai</td>
<td>16-18 October 2019</td>
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<td>Duesseldorf</td>
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<td>ITB Asia</td>
<td>Singapore</td>
<td>16-18 October 2019</td>
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<td>Laser World of Photonics India</td>
<td>Mumbai</td>
<td>17-19 October 2019</td>
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<tr>
<td>CIBUSTEC</td>
<td>Parma, Italy</td>
<td>22-25 October 2019</td>
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<tr>
<td>Bazaar Berlin</td>
<td>Berlin</td>
<td>6-10 November 2019</td>
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<td>Medica / Compamed</td>
<td>Duesseldorf</td>
<td>18-21 November 2019</td>
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<td>swap-shanghai world</td>
<td>Shanghai</td>
<td>25-28 November 2019</td>
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<td>of packaging</td>
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<tr>
<td>Plastics &amp; Rubber Vietnam</td>
<td>Hanoi, Vietnam</td>
<td>27-29 November 2019</td>
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</table>
The Big 5 Construct Egypt 2019, held under the patronage of Dr. Moustafa Madbouly, Prime Minister of the Arab Republic of Egypt, remains the country’s largest construction event occupying 20,000 sqm gross in Halls 1 and 2 of Egypt International Exhibition Center. Over 300 exhibitors from more than 30 participating countries are expected to showcase their latest products and technologies from 7 product sectors, 3 of which are new in 2019. This year also features 3 seminar theaters for 45+ CPD-certified workshops led by key industry professionals providing insights into the key challenges, regulations, new trends and technologies in construction.

Registration to the event is now live and it’s free! Become a part of the 2nd edition of The Big 5 Construct Egypt by registering today.

Product Sectors:
- Windows, Doors & Façade (New sector!)
- HVAC-R (New sector!)
- Concrete, Formwork & Scaffolding (New sector!)
- MEP Services
- Construction Tools & Building Materials
- Building Interiors & Finishes
- Construction Technologies & Innovations

For more information please visit: www.thebig5constructegypt.com

Paper Middle East 2019 – The 11th International Exhibition for Paper, Board, Tissue & Packaging Industry
18-20 September 2019

Paper Middle East Exhibition is the premiere event for Middle East & North Africa’s pulp, paper, tissue, paper board making and products industries. It is the only international paper exhibition sponsored and supported by all paper industry-related governmental departments and nationwide trade associations of Egypt. And the most important specialized fair for the global paper, paperboard, tissue and converting industry, where you will find all nations and customers from all over the world as well as the Middle East and Arabian countries with high purchasing and decision makers power in one place.

For more information please visit: www.papermideast.com

Pacprocess Middle East Africa
09-11 December 2019

Pacprocess Middle East Africa 2019 is the newest addition to the interpack alliance, which spans all international events staged by Messe Düsseldorf under its Processing & Packaging portfolio.

Pacprocess 2019, the International Exhibition for Processing & Packaging in the Middle East and Africa, is a comprehensive and highly-targeted exhibition that addresses the requirements of the food, beverage, confectionery, bakery, pharmaceutical, cosmetics, non-food, and industrial goods sectors in the Middle East and Africa region. The trade fair brings

Sectorial Facts – Africa

Egypt recorded a 17.5% increase in trade with Nile Basin countries during the first 10 months of 2018

together local and international industry stakeholders from across the entire value chain to showcase cutting-edge technologies and forge lucrative partnerships.

Held for the first time in Egypt, from 9 to 11 December at the Egypt International Exhi-

bitions Center, the event capitalizes on mega opportunities in one of the major economic hubs in North Africa, which also serves as the gateway to regional markets.

Held alongside pacprocess is Arab StarPack Pro; the industry-level packaging competition organized by LibanPack and UNIDO. It is the first of its kind in the Arab region covering Food 
Et Agriculture, Beverages, Personal Care and Household, Cosmetics and Beauty, Pharmaceu-

tical and Medical, Luxury, Industrial and Transport, and Point of Sale packaging.

For more information please visit: www.pacprocess-mea.com
Telephone: 02 32238066/7/8/9/60 | Fax: 02 32368722 | Email: messeduesseldorfEgypt@ahk-mena.com
Address: 21 Soliman Alnaze St., off Jameat El Dowal, Mohandessin, Giza

Egyptian Exhibitors at Upcoming Trade Fairs:

Asia Fruit Logistica, 44 Egyptian Fresh Fruit and Vegetables Companies Exhibiting
05 – 07 September
Hong Kong
www.asiafruitlogistica.com

Anuga, 101 Egyptian Companies Exhibiting at the World’s No. 1 Trade Fair for Food
05 – 09 October
Koeln
www.anuga.com

K, 8 Egyptian Exhibitors for the First Time in K, the World’s Leading Exhibition for Plastics and Rubber
16 - 23 October
Düsseldorf
www.k-online.com

Medica, 23 Egyptian Companies in the World’s Leading Companies in the Field of Medical Supplies
18.-21 November
Düsseldorf
www.medica-tradefair.com
**EXCHANGE RATES**

Average Client Rate in EGP
31 July 2019

<table>
<thead>
<tr>
<th>Currency</th>
<th>Sell</th>
<th>Buy</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD</td>
<td>16.6175</td>
<td>16.5178</td>
</tr>
<tr>
<td>EUR</td>
<td>18.5285</td>
<td>18.4124</td>
</tr>
</tbody>
</table>

Source: Central Bank of Egypt (CBE)

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### Economic News

**Egypt Sends Cube-Sat to Space**

Egypt has sent a mini-satellite to the International Space Station, where it will be put into orbit next week, said a senior state official on Sunday.

The Cube-Sat was completely designed, built and tested in Egypt, said Mohamed Zahran, Chief of the National Authority for Remote Sensing and Space Sciences.

The satellite is 1kg in mass and cost around EGP 1 million, he added.

*(MENA, Sunday 28 July 2019)*

**Infographic: Egypt's Net Foreign Reserves up to $44.4 Billion**

Egypt's Cabinet announced in an infographic on Saturday that the country's net foreign reserves have risen from US$20.01 billion in June 2015 to $44.4 billion in June 2019, which has contributed to improving the performance of the Egyptian pound.

The infographic, based on a report by Bloomberg, highlighted the remarkable improvement of the Egyptian currency, now ranked as the second best performing currency in 2019 after having been the second worst performing currency in 2015.

Egypt’s exports jumped to $29.2 billion in 2018, compared to $22 billion in 2015, and remittances of Egyptian workers abroad increased to $25.5 billion in 2018, compared to $18.3 billion in 2015.

The infographic also mentioned that the net foreign direct investment increased to $7.7 billion in 2018/2017, compared to $6.4 billion in 2015/2014, while the current account deficit declined to $6 billion in 2017/2018, compared to $12.1 billion in 2014 / 2015.

*(Al Masry Al Youm July 28, 2019)*

**Egypt Moved up 10 places to Rank #92 in the 2019 Global Innovation Index**

While its position remains unchanged at #17 among North African/West Asian countries. The report notes that Egypt's strengths include knowledge-intensive employment, the state of cluster development, knowledge impact (particularly when it comes to the percentage growth of PPP and GDP per worker, as well as GDP spending on computer software), creative goods exports, and our trade, competition, and market scale. On the flipside, Egypt's general infrastructure, regulatory environment, and investments were among the weaknesses in our country profile [pdf].

The improvement in overall ranking comes despite our performance in some metrics taking a hit, including the human capital and research category, which dropped seven places to #96. The category measures the performance of education systems, government spending on schools and universities, and activity and investment in research and development. Egypt also regressed in
the education rating, which fell by 10 places to #94 in the world. These two metrics had also been Egypt’s most significant weak points in last year’s ranking.

(Enterprise, Sunday, 28 July 2019)

**Egypt’s Sisi Set to Open 7th Edition of National Youth Forum in New Administrative Capital on Tuesday**

Egyptian President Abdel-Fattah El-Sisi is set to inaugurate on Tuesday the seventh edition of the national youth forum in the country's New Administrative Capital under the heading ‘Innovate, Start’.

The first day of the forum will see a simulation model of the Egyptian state, while the second day is set to see the graduation of African students from the country's presidential programme to train African youths.

The forum will also see the first conference for the state sponsored 'Decent Life' initiative, which was launched by El-Sisi in early 2019 to provide better living conditions for the most needy nationwide.

(Ahram Online, Sunday 28 July 2019)

### Companies and Industries

**Joint Venture Contract between Bavaria Egypt and Albert Ziegler GmbH**

In the presence of H.E. Mostafa Madbouly - Prime Minister of Egypt, H.E. Peter Altmaier - Federal Minister of Germany for Economic Affairs and Energy, Dr. Volker Treier - DIHK Foreign Trade Chef, Dr. Peter Ramsauer - MoB and President of the Ghorfa e.V. and Dr. Abdulaziz Al-Mikhafi - Secretary General Ghorfa e.V., a joint venture contract was signed between German company Albert Ziegler GmbH and Bavaria Egypt S.A.E. to manufacture and assemble fire engines and rescue vehicles in Egypt according to the latest international standards.

The signing of the contract took place during the 22nd Arab-German Business Forum held in Berlin, Germany, from 25. to 27 June 2019, where Egypt was this year’s partner country and participated with a high-level business delegation, including 6 Ministers.

The contract was signed from Bavaria Egypt’s side by Dr. Nader Riad, Chairman, and Amir Riad, Vice Chairman, and Mr. Rene Pol, CSO and Board Member of Ziegler.

The new joint venture program includes the production of fire and rescue vehicles for airports, tunnels, railways, industrial sectors and for civil protection purposes. The production and assembly facilities are currently under establishment in 10th of Ramadan Industrial Zone.
Generators and Remote Monitoring Tender

In second half of Year 2018, NBE announced for a tender to supply generators with a new feature of remote monitoring to cover (29-35) essential branches as a start of updating campaign that will reach 300-500 branches.

HA Trading & Engineering was focusing on this sector and studying the needs of such Giant Client (NBE) who owns the maximum number of banking branches all over Egypt. Also, HA trading was concentrating of some sophisticated products that give added value to our clients and introducing such items to the Egyptian Market.

HA Trading with the cooperation of our Swedish Partner “HMS”; introduced to the Client Committee a distinguished product which maintains not only the remote monitoring but, also controls, detects critical events and analyzes data from the site.

HA Trading in addition to the competitive price, submitted a high technical edge to the specifications upon which HA trading won the tender not only for the (35) branches, but also will be extended for the remote monitoring to cover from (300) to (500) branches.
Egyrobo.NavigationSolution

Egyrobo.NavigationSolution is the ideal partner for autonomously navigating vehicles. Whether navigation, control, management or monitoring: our navigation solution covers all mobility requirements.

Navigation solution for autonomous mobile robots

Mobile robots receive their commands via WLAN. They perform their driving and handling tasks in a fully self-contained manner. They use algorithms to position themselves, plan their route and take on loads.

All mobile robotics systems from Egyrobo can be equipped with Egyrobo.NavigationSolution. This makes them flexible and mobile. The navigation solution also includes an ideal fleet management system. It meets the latest demands of mobile robotics with the appropriate interfaces – fully in keeping with Industrie 4.0.

Our smart navigation solution consists of

- an industrial PC, which is built into the AGV system, and the actual navigation software
- software that manages all vehicles and coordinates planning

This is how Egyrobo.NavigationSolution works. Egyrobo.NavigationSolution makes fully autonomous navigation possible.

Advantages of Egyrobo.NavigationSolution

- Autonomous control

Egyrobo.NavigationSolution enables autonomous navigation of mobile platforms – with no risk of collision and without the need for artificial markings. The software acquires all the data from the safety laser scanners and wheel sensors and uses them to create a corresponding map of the surroundings by means of the SLAM method (Simultaneous Localization and Mapping). The system responds to changes in the environment – which occur frequently in a flexible logistics system. The use of virtual tracks makes it possible to move the platform exclusively along defined routes.

Egyrobo.NavigationSolution includes all components needed for autonomous vehicle navigation.

- Exact positioning: Egyrobo.NavigationSolution offers the following options for high-precision positioning of the mobile platform in its environment:
  1. Fine localization for precise determination of the vehicle position relative to the object or within an environment
  2. Fine positioning for increased positioning accuracy
OGTech Introduces the New Era of Identification

Under the name of "A new Era of Identification", OGTech for Technology solutions, an affiliate of the acclaimed Osman Group that is specialized in providing RFID solutions with a significant role in introducing Radio Frequency Identification (RFID) technology to the Middle East and North Africa (MENA) region through a journey of twelve years, held an event to raise the awareness of the importance of implementing effective identification and tracking solutions with a detailed discussions showing how successful it is for different sectors of business through a set of successful projects and demonstrated proof of concepts that were designed and implemented by OGTech.

OGTech was honored to host The UAE Ministry of Health executives, who showed the importance of their implemented project by OGTech for applying an RFID solution for Fixed assets management at all Hospitals in the country, with a pleased examiner eye they showed up to what extent the solution is considered a huge success for the cost reduction, better time utilization and higher patients satisfaction. On the other side OGTech showed some of its success stories at Bibliotheca Alexandrina with the RFID Library Management System for more than 1,200,000 books for easy & quick inventory and higher levels of books security, also Wadi Degla company with the implemented RFID Access Control System that helped Wadi Degla executives to track visits and identify peak times, last but not least McDonalds Restaurant with more than 100 branches in Egypt were covered by RFID Fixed Assets Management system for better register availability, inventory processing, time usage and less wastes.

And as a technology company, OGTech team demonstrated some of RFID proof of concepts showing the significant effect on corporates and different entities future plans that reflects on the development of the Egyptian Economy. The demonstrated proof of concepts included Stadium Management System that suites stadiums and clubs, Supply Chain Management that suites factories and supply chain and logistics companies, Student Tracking System that suites schools, Smart Gate System and Fixed Assets Management System.

Through OGTech 12 years journey of success with many companies and by the support of partners of success, FEIG – Germany, Zebra – USA, Metal Craft – USA and RIB – Italy, OGTech acted as an ambassador for raising awareness of effective identification to each business.
GACIC'S Online Recruiting Services
More than 11,000 Registered Job Seekers

Follow us on:

Our Premium Partners 2019:

BMW
MERCK
Mercedes-Benz
IDG Industrial Development Group
XERVON®
Blue Sky Travel
LUFTHANSA GROUP
expleo
KAPCI Coatings
BAVARIA Fire Fighting Solutions
Emeco
Siemens
CATEC Consulting And Technical Engineering Co.,
Elsewedy Electric
ACT advanced computer technology
CHEVROLET
BASF

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