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SECC is now An Accredited Training Organization by PEOPLECERT to offer ITIL® Training and Certification

In June:

This accreditation comes as a transition from APMG International to PEOPLECERT since AXELOS has selected PEOPLECERT as the sole Examination Institute for the delivery of Accreditation and Examination services worldwide, starting on 1 January 2018. The move will be welcomed by over 1,300 training organizations, as well as corporations and aspiring professionals who will greatly benefit from a more streamlined, consistent and quality-oriented experience across the board.



TestPRO is now Accredited Training Provider for CTFL - Agile Tester

In June: After a performed review from the ESTB Panel, SECC is pleased to announce that TestPRO for Software Testing Services is [Accredited Training Provider for ISTQB® CTFL - Agile Tester](#) for delivering the ISTQB® Agile Tester Training Course. ISTQB® provides this extension to give testers the knowledge they need to be part of an agile testing team. Professionals will learn about agile software development and fundamental agile testing principles, practices and processes. It is also for professionals who are planning to start implementing Agile methods in the near future, or are working within companies that plan to do so. TestPro is an independent Testing Service Provider, which aims at preparing skillful calibers and helping companies to improve and maintain the software testing concept as well as achieving a high level of customer satisfaction through our efficient and effective testing practice.

SECC Appraises Egyptian and Chinese Organization to obtain CMMI® Accreditation:

In May: The National Organization of Military Production - Information Systems & Computer Center (ISCC) obtained CMMI® for Development Maturity Level 2 Accreditation. The Chinese company Guangdong Rocent Information Technology Co., Ltd. - Research and Development Center obtained CMMI® for Development Maturity Level 3 Accreditation.

In April: The Aviation Information Technology (AVIT) organization obtained CMMI® for Services Maturity Level 2 Accreditation.

73 organizations in Egypt, KSA, Syria, Kuwait, UAE and China are appraised by SECC lead appraisers to reach maturity levels 2 and 3 for Services and Development. [View ALL CMMI Appraised Companies By SECC ...](#)



SECC Provides Technical Support as Part of the National Competence Framework (NCF) Initiative

In May: SECC cooperated with the National Competence Framework (NCF) Initiative team through providing technical support in the adoption of the NCF within the ICT Industry. SECC role covers the consultation and assessment services for the adoption by the companies.

The NCF, is jointly developed by the Information Technology Industry Development Agency (ITIDA) and the International Finance Cooperation (IFC). It was announced as an initiative with the objective of developing a sustainable approach to enhance the employability of Egyptian ICT talent pool and upgrade the quality of training, education through establishing industry-led skills and competencies framework for adoption by the ICT companies as well as the training and selected public and private educational institutes.

First IoT Egypt Forum Gathering

In May: 9th May 2017 witnessed the first gathering for the IoT Egypt forum members. During the event, the forum vision, mission, and strategy were shared with the forum members. The event also fostered speakers from the community who shared experiences and use cases for implementing IoT in Egypt. Forum members showed their interest in joining one of the 3 workgroups discussed during the event; The IoT Regulations' Requirements for Devices and Communication, The IoT Use-case Scenarios, and The IoT Body of Knowledge (BoK). For more info about the forum: <http://iot-egypt.com>. Egypt IoT forum also launched its YouTube Channel to spread the awareness about the Internet of things technology. The videos introduce different aspects about IoT like its applications, security and architecture.



To browse the channel: <https://www.youtube.com/channel/UCnspnqgSekWGBLrEKE13EQ/>

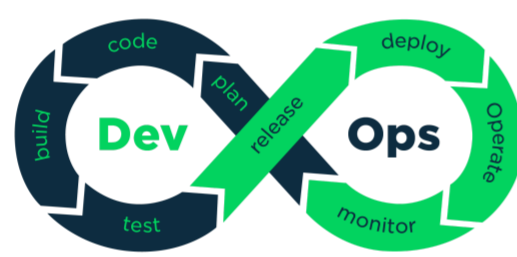
2,300+ Software Testers are now Certified by the ESTB in Egypt

In May: SECC as the legal entity of the [Egyptian Software Testing Board](#) and sole Examination Institute/Certification Body for the [ISTQB®](#) certificates in Egypt is excited to announce that it has certified more than **2,300 software testers in Egypt**, including Certified Tester Foundational Level (CTFL), Certified Tester Foundation Level- Agile Tester (CTFL-AT), Certified Tester Advanced Level- Technical Test Analyst (CTAL-TTA), and Certified Tester Advanced Level- Test Manager (CTAL-TM). Software testing is becoming more critical as the proportion of the economic activity that is dependent on software (and often very complex software) continues to grow. It is nowadays a booming profession that offers a rewarding and structured career path with clearly defined roles and qualifications. At this is momentous occasion, SECC is pleased with the results to date, and will continue to strive to improve the profession of software testing in Egypt. For more information about the ESTB and the list of certified testers, please visit www.estb.org.eg and to browse SECC exams schedule please open [SECC Training & Exams Calendar](#).

SECC Participates in IST-Africa 2016-2018 EU Funded Project

In April: SECC participated in the IST-Africa 2016-2018 EU project that is supported by the European Commission (EC) and African Union Commission (AUC), and co-funded under Horizon 2020. IST-Africa is a strategic collaboration between IIMC (Ireland) and Ministries and National Councils responsible for Innovation, Science and Technology adoption, policy and research in 18 African Countries among which is Egypt.

First Time Offerings



SECC introduces DevOps Fundamental Workshop

DevOps has become a core element of Agile movement towards continuous rapid delivery, extending Agility to operations not only development. It aims to create a culture and environment where building, testing, and releasing software can happen rapidly, frequently, and more reliably.

SECC introduced the DevOps Fundamental Workshop, which aims to introduce DevOps value from technical and business perspective and understand the building blocks of DevOps, how they integrate, and challenges associated. How can organizations succeed with DevOps? How and where to start my DevOps journey for my organization's good? [More about topics & course outcome](#)

Upcoming Calendar



Check our Upcoming Training & Exams!
http://www.secc.org.eg/Training_Courses_Schedule.asp

Industry News

Local

- June 2017:**
- MCIT Provides Fully-Subsidized NTL Training Programs to Target Groups
 - TIEC Incubates Eight Startups in Smartphone Applications

May 2017:

- MoU Between MCIT, Visa Inc.
- 14 Egyptian Startups Chosen to Partake in WEF on MENA
- Egypt Hosts IDC-CIO Summit 2017
- TIEC Hosts DEMO Africa 2017-Cairo Edition
- Tomouh Fourth Phase Closing Ceremony Holds
- Eight Research Projects Win ITIDA-ITAC Funding
- SV, CGP Sign Contract to Establish New Smart Village in East Cairo

April 2017:

- ITI Hosts NASA Space Apps Cairo 2017
- Regional Training Center at Maadi Technology Park Accredited UPU Center
- FLL Egypt Championship Kicks off
- ITIDA Launches Integrated Program for Developing SMEs Businesses

International

June 2017:

- Egypt Ranks 14th in GCI-17
- m-Enabling Summit 2017 to Hold
- FIRST Conference to Hold Next Week

May 2017:

- IST-Africa 2017 to Hold in Namibia
- ITU Council 2017 Session to Hold
- Egypt Partakes in AfricaCERT XII
- 3 Egyptian Startups Qualify for ArabNet Startup Championship in Dubai
- ITU Organizes World Telecommunication and Information Society Day 2017
- AIS 2017 Holds in Nairobi
- Mobile 360 - Privacy & Security Holds in Holland

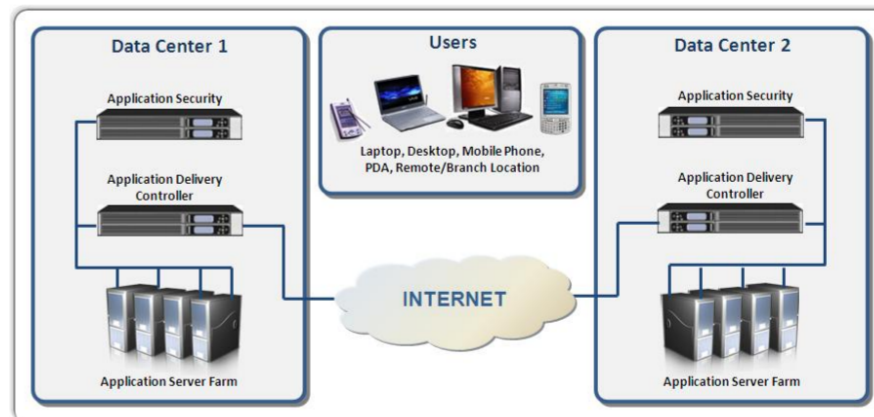
April 2017:

- Egyptian Magic Bees Team Receives 'Solid as a Rock' Award during FIRST Robotics Championship
- WEBIT Festival Europe 2017 Holds in Bulgaria
- Innovation Summit 2017 to Hold in Dubai

Technologies

Definitions

Application Delivery Controller (ADC): An application delivery controller (ADC) is a network device that manages client connections to complex Web and enterprise applications. In general, a **controller** is a hardware device or a software program that manages or directs the flow of data between two entities. An ADC employs algorithms and policies to determine how inbound application traffic is distributed and actively monitors to ensure requests are sent to available servers. An ADC essentially functions as a **load balancer**, optimizing end-user performance, reliability, data center resource use and security for enterprise applications.



An ADC can accelerate the performance of applications delivered over the wide area network (WAN) by implementing optimization techniques such as application classification, compression and reverse **caching**. Typically, ADCs controllers are strategically placed behind a **firewall** and in front of one or more **application servers** to be a single point of control that can determine the security needs of an application and provide simplified Authentication, Authorization and Accounting (**AAA**). An application delivery controller can be purchased physically as a hardware appliance or virtually as a software program. Virtual application delivery controllers are particularly useful in large enterprise data centers and **cloud computing** environments where customers need to be able to scale capacity up and down as application demand fluctuates. (Source: [Tech Target](#))

Trends



Digital Twin

Within 3 to 5 years, billions of things will be represented by digital twins, a dynamic software model of a physical thing or system. A digital twin can be used to analyze and simulate real world conditions, responds to changes, improve operations and add value. Digital twins function as proxies for the combination of skilled individuals (e.g., technicians) and traditional monitoring devices and controls (e.g., pressure gauges). Their proliferation will require a cultural change, as those who understand the maintenance of real-world things collaborate with data scientists and IT professionals. Digital twins of physical assets combined with digital representations of facilities and environments as well as people, businesses and processes will enable an increasingly detailed digital representation of the real world for simulation, analysis and control. (Source: [Gartner](#))

Chatbots

A computer **program** that simulates human conversation, or **chat**, through **artificial intelligence**. Typically, a chat bot will communicate with a real person, but applications are being developed in which two chat bots can communicate with each other. Chat bots are used in applications such as **ecommerce** customer service, call centers and Internet gaming. Chat bots used for these purposes are typically limited to conversations regarding a specialized purpose and not for the entire range of human communication. (Source: [Webopedia](#))



Drone technology

A drone, in a technological context, is an unmanned aircraft. Drones are more formally known as unmanned aerial vehicles (UAVs) or unmanned aircraft systems (UASes). Essentially, a drone is a flying **robot**. The aircrafts may be remotely controlled or can fly autonomously through software-controlled flight plans in their **embedded systems** working in conjunction with onboard **sensors** and **GPS**. (Source: [TechTarget](#))

Knowledge Transfer

Webinars



[Click here to view the videos](#)

Videos



[Click here to watch SECC on YouTube!](#)

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