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SECC Invades Chinese Markets with its CMMI Appraisal Services

This year SECC invaded the Chinese market and appraised 14 Chinese companies towards CMMI for Development – Maturity Level 3; operating in fields of smart solutions, network applications and the development of navigation devices. This comes in line with SECC's strategy to pursue a regional and global leadership; and with the growing interest of Chinese ICT companies to improve their processes and follow internationally reputable quality standards. The appraisals were conducted in different Chinese cities as Beijing, Shanghai, Guangzhou, Xiamen, Tianjin, Dalian and Shenzhen.

SECC Introduces SPI for SMEs 2016 Program Flavored with Innovation Management

In December: Software Process Improvement for Small and Medium Enterprises (SPI for SMEs) Program was introduced in June 2016, flavored with innovation management. The program enrolled 17 ICT companies; 5 of which are located in Alexandria.

The purpose was to enable organizations grasp core concepts to establish innovative organizational practices; think out of the box and generate new ideas for new and existing products or services; learn key aspect of Business Modeling; and move forward to CMMI International Accreditation

Over the past ten years, SECC has introduced its SPI for SMEs program aiming at helping Egyptian IT companies to achieve maturity and business success through improving software development and service delivery processes at low cost, with minimal risk and highest flexibility.

The program is supported by the SPI Guide (SPIG) which is an adaptable model of excellence in software development based on the Capability Maturity Model Integration (CMMI). SPIG encourages SMEs to follow a coherent process for software development. SPIG contains guidelines, procedures, and templates to facilitate software process improvement. SPIG has an associated electronic version that simplifies its full utilization as a toolkit to be used by software companies everywhere.

SECC launches Egypt's Free and Open Source Software (FOSS) Online Platform

In November: SECC launched [Egypt's Free and Open Source Software \(FOSS\)](#) online platform during [Cairo ICT 2016](#) to foster FOSS utilization in Egypt as part of implementing EGYPT FOSS Strategy. The platform is one of the first moves of the Egyptian national strategy for promoting the free and open source.

SECC announces that the proceedings of the Second AMECSE 2016 Conference are published in the ACM International Conference Proceeding Series (ACM-ICPS)

In August: The proceedings of the Second AMECSE 2016 Conference were published in the ACM International Conference Proceeding Series (ACM-ICPS) with ISBN 978-1-4503-4293-3. You can check the conference proceedings online by visiting the following link: <http://dl.acm.org/citation.cfm?id=2944165>.

SECC Adds ITIL® Practitioner Module to its ITIL Portfolio

In August: The new ITIL® certificate; namely, the ITIL Practitioner® certificate, was launched as part of the overall ITIL® qualification scheme. As the name suggests, ITIL Practitioner targets those who are responsible for implementing or sponsoring the implementation of ITIL® in practice.

New issue of The International Journal of Software Engineering is Released

In April: A new issue of [The International Journal of Software Engineering](#) - IJSE (Volume 9 -No.1), has been released. The issue includes 4 papers on different software engineering topics. The IJSE provides a forum for archiving and disseminating state-of-the-art and state-of-the-practice in all areas of software engineering. The journal accepts new and significant papers from academia and industry in the various subjects of software engineering. IJSE embraces an [Open Access Policy](#) permitting any users to read, download, copy, distribute articles or use them for any other lawful purpose.

Open Data Geeks - ODG" Wins First Place in Hack4Community Open Data Hackathon

In April: Open Data Geeks - ODG, a young team of 4 developers won the first place in hack4Community Open Data hackathon. ODG team used the data provided by the health administration from Giza Governorate to help investors in medical services decide make informed choices about their new businesses based on detailed understanding of the competition as well as the available supporting medical services (labs, pharmacies, etc.) in the area.

SECC Completes MSEs 2015 Project Successfully

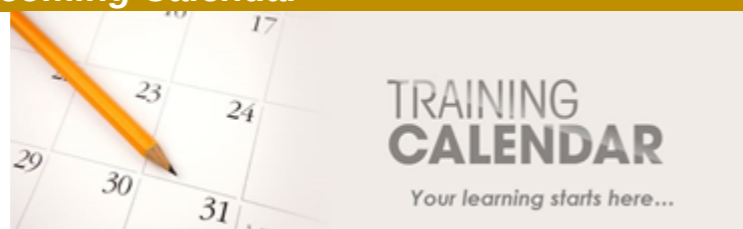
In April: Under the auspices of H.E. Eng. Yasser Elkady, Minister of Communications and Information Technology, the closure ceremony of Activate ICT Product Development for Micro and Small Enterprises Project (Towards Providing Complete Innovative Solutions to Government Entities), in which enrolled 125 companies, witnessed the great success achieved by the project. During the event, the top ten companies and their respective clients were honored for their outstanding performance during the project duration. All the participating companies that succeeded were awarded certificates of completion; and three out of the top ten companies presented on their success stories.

First Time Offerings



For more than two decades, the ITIL® framework has been successfully applied to manage and operate IT services in various businesses and domains worldwide. In February 2016, a new ITIL® certificate; namely, the ITIL Practitioner was launched. In line with the global improvement, SECC has successfully launched the new ITIL® Practitioner qualification in IT Service Management, which aims to ensure that IT professionals are equipped with the core skills to adapt and adopt the ITIL® framework in their business. ITIL® Practitioner is now part of the overall ITIL qualification scheme, and it contributes 3 credit hours towards the ITIL® Master certificate. [Read More](#)

Upcoming Calendar



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

Job Vacancies

**Quality Expert
Senior Quality Consultant**

For more details, please contact:
oaiffi@itida.gov.eg



Events

2nd AFRICA AND MIDDLE EAST CONFERENCE ON SOFTWARE ENGINEERING: AMECSE 2016



2016.amecse-conferences.org
 May 28-29, Cairo - Egypt

With 200+ attendees, AMECSE 2016 was successfully held on 28-29 of May 2016. The conference program featured 7 Keynotes, 2 Panel Discussions, 9 Tutorial Sessions, in addition to technical papers. This year AMECSE was organized in-cooperation with **ACM SIGSOFT**, which is the world's largest computing society, to strengthen the profession's collective voice through strong leadership, promotion of the highest standards, and recognition of technical excellence. **The theme of this AMECSE edition** was the triple helix of **OPEN-DEVELOP-INNOVATE**, where AMECSE 2016 aimed at promoting the interdependence and correlation of openness, development, and innovation to enhance the quality of life and grow the economy of our region. [Explore more...](#)

Practical Business Session:

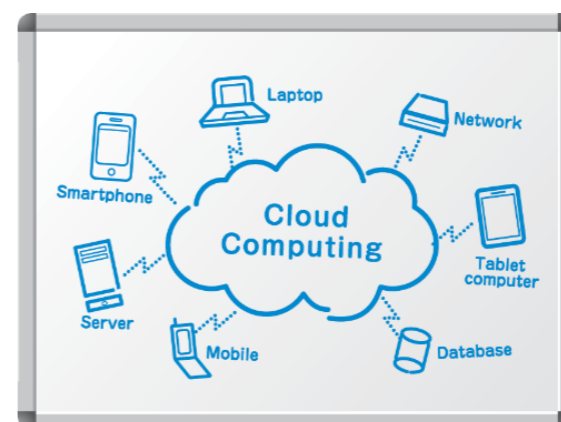
SECC organized a practical business session in April on "Succeed and Grow Your Business with Innovation". During the event, Aria Systems company talked about its experience with one of SECC services that had a positive impact on their business performance - namely "Software Process Improvement for SMEs". The session was concluded by a technical workshop on "Enhance Project Visibility and Team Communication". [Explore more...](#)

Technologies

Definitions

Cloud Computing

What is Cloud Computing? Cloud Computing is a style of computing in which scalable and elastic IT-enabled capabilities are delivered as a service using Internet technologies. Cloud Computing refers to both the applications delivered as services over the Internet and the hardware and systems software in the datacenters that provide those services. An example for these services is the e-mail service where the user is executing an application which is the email browser through the Internet and at the same time the storage of his inbox is flexible and can be changed according to his needs. The current public cloud market is estimated to be 58.6 billion USD and it is expected to double within 5 years. [Read More](#)



Trends

Virtual and Augmented Reality



Immersive technologies, such as **virtual reality (VR)** and **augmented reality (AR)**, transform the way individuals interact with one another and with software systems. "The landscape of immersive consumer and business content and applications will evolve dramatically through 2021," said Mr. Cearley. "VR and AR capabilities will merge with the digital mesh to form a more seamless system of devices capable of orchestrating a flow of information that comes to the user as hyperpersonalized and relevant apps and services. Integration across multiple mobile, wearable, Internet of Things (IoT) and sensor-rich environments will extend immersive applications beyond isolated and single-person experiences. Rooms and spaces will become active with things, and their connection through the mesh will appear and work in conjunction with immersive virtual worlds." (Source: Gartner)

Mesh App and Service Architecture

In the mesh app and service architecture (MASA), mobile apps, web apps, desktop apps and IoT apps link to a broad mesh of back-end services to create what users view as an "application." The architecture encapsulates services and exposes APIs at multiple levels and across organizational boundaries balancing the demand for agility and scalability of services with composition and reuse of services. The MASA enables users to have an optimized solution for targeted endpoints in the digital mesh (e.g., desktop, smartphone, automobile) as well as a continuous experience as they shift across these different channels. (Source: Gartner)

The Device Mesh Is Dynamic and Pervasive



Knowledge Transfer

Facts & Figures about SECC in 2016

- More than **1,600 Examined and Certified Professionals** in COBIT5, ISTQB, ITIL, Six Sigma and Agile Software Development.
- More than **1,500 trained** on technologies of software engineering and IT service management domains.
- More than **720 Attendees of 11 Webinars** discussing up-to-date technologies.
- More than **900 contracted days** covering the different services and technologies SECC offers.
- **15 CMMI Appraisals** conducted in China and KSA.

Webinars



[Click here to view the videos](#)

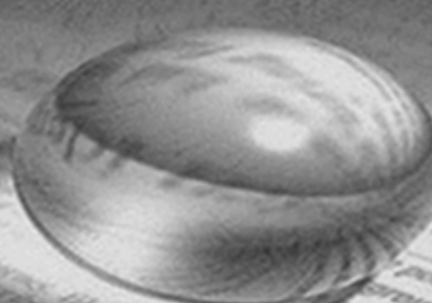
Videos



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

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