



Software Engineering Competence Center

Volume 7 No. 3 July - September 2008

■ Providing CMMI® Services Project

In line with **SECC** achievements, the center was able to assist two more companies: GNSE & MMC to be appraised towards the Capability Maturity Model Integration (**CMMI**®) Level 2, to increase the number of appraised companies in Egypt to 27.

SECC is currently in the process of providing consultations to 22 Egyptian companies to be qualified to level two or three or uplift them from the 2nd to 3rd level of the Capability Maturity Model Integration (**CMMI**®) during 2008/2009.

■ SPI for SMEs Project- Fourth Round

SECC is adopting a new methodology to meet the increasing demand on Software Process Improvement for Small and Medium Enterprises (**SPI for SME's**) Project. **SECC** has issued a limited tender to select a service provider for delivering consultation services for small and medium enterprises under **SECC** full supervision. **SECC** has chosen Advanced Cooperate Solutions (**ACS**) to act as the service provider for this project. As a result of this new collaboration, a new **SPI for SMEs** round has been announced in September, to provide ten companies with the process improvement services. The new round will start during November and will be delivered by **ACS** experts and under the management and control of **SECC**.

On the other hand, **SECC** is continuing its consultancy visits for the twenty companies participated in the **SPI for SMEs** project started early 2008.



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Consultancy visits have been conducted by **SECC** experts twice monthly. Gap Analysis for the 20 companies will be held during November & December to assess the implementations carried by the beneficiary companies based on the processes of the Software Process Improvement Guide (**SPIG**).

■ Cooperation with European Software Institute (ESI)

SECC and European Software Institute (**ESI**) held their first Board of Trustees meeting on July 20th, 2008 at **SECC** premises. Dr. Sergio Bendinelli, an **ESI** representative, delivered a brief presentation on "Technology Road mapping - Increasing productivity with R&D Management Best Practices Project" and "Cluster Approach Project Increase productivity with Software Reuse". **ESICenter SECC** Managing Director, Dr. Hossam Osman presented the center's action plan which was approved during the meeting.

■ Embedded Software Development

SECC is currently executing two projects in collaboration with "**Bahgat Group**" and the "**Arab Organization for Industrialization - Electronics Factory**" in Embedded Software field. The experimental sample which has been developed by **SECC** Embedded Software Development team was linked to the refrigerator produced by "**Bahgat Group**" and passed its testing phase successfully. The electronic boards related to the "**Arab Organization for Industrialization**" project were delivered and the project started its encoding phase.



■ Software Testing Center Roundtable Discussion

SECC has organized - during August - a roundtable discussion with specialists from 26 companies that have achieved **CMMI®** Levels in Egypt. The meeting goal was to identify the industry's priorities to be attained by SECC Software Testing Center (**STC**) services.

The **STC** will be a SECC division providing testing services to the software development companies. The main objective for establishing the **STC** unit within SECC is "building for the future" as part of the exploratory program of SECC's strategic plan.



■ Training Courses:

• Introduction to CMMI® Course

SECC has conducted an "Introduction to CMMI®" course on September 12th-15th, 2008. The class was held at **MCIT** premises and attended by 19 software specialists.

• Object Oriented Training Track

SECC held an **Object Oriented** training track from June 16th till July 15th, which consists of four courses; two of the four courses were conducted twice - based on companies' request. The training was delivered at **MCIT** training premises in the Smart Village and was attended by 100 specialists from 14 companies.

• Embedded Software Training Tracks

SECC started three training tracks in **Embedded Software** field, which include 12 training days in the period from July 6th to 31st 2008. The training was attended by 32 specialists from 15 companies.

In August 2008, SECC finalized the training sessions delivered through (**Mentor Graphics and IBM**). The training was conducted through 5 courses and focused on Automotive, Mobile and Industrial Embedded. The trainees have been employed by **Mentor Graphics and IBM** before starting the training in an effort from **ITIDA** to provide employment opportunities in the Embedded Software Technologies.

• Specific Courses Requested by Companies

Based on Raya Software company's request, SECC held an "Introduction to Software Development Methodologies" training course to 10 specialists from the company. The training took place on July 13th -15th 2008 at the company's premises.

SECC also held a training course for "Software Estimation" at CIT Global premises on July 16th & 17th 2008 and was attended by 10 trainees from the company.

• PSP for Engineers-I Course

As part of SECC efforts in supporting companies with services pertaining to **CMMI®** through implementing Personal Software Process "PSP" & Team Software Process "TSP", SECC has conducted a training course for "PSP for Engineers-I" at AMAC company for 5 days during August 2008. The course was attended by 10 trainees.

Upcoming Quarter's Events

- GITEX Dubai 2008
- SPI for SME's 2008 Program, 4th Round Kick-off
- ITIDA-SECC, IBM Rational, Phase III Project
- ITIL Project Initiation
- Training:
 - Object Oriented Software Development Training
 - CMMI® User Workshop
 - Embedded Systems Training Track
 - Introduction to CMMI® Course