ACEIT E-News: ACEIT Provides Solutions

The May ACEIT E-News takes a look at the how ACEIT can provide solutions. Don't miss this month's informative Tip of the Month, Converting older ACE sessions to ACE version 7.0. Mark your calendar to attend this year's SCEA Conference where we will be presenting several papers. Registration has just opened for the new ACEIT Basic 7.0 training and our Training Schedule has been updated; see what training is right for you. All in this month's E-News.

Tip of the Month

Converting older ACE sessions to ACE version 7.0

One of ACE 7.0's new features includes a new file format. Instead of the .acw extension that has been in existence since version 4.0, ACE sessions now have an .aceit extension. The new .aceit file in a compressed XML format. Older ACE sessions (going all the way back to DOS) can be converted to the new format by opening the session using ACE 7.0.

ACEIT Highlight: ACEIT Provides Solutions

ACEIT provides a robust and flexible platform to create solutions involving three major disciplines within an organization: Planning, Engineering, and Execution. Through ACEIT these usually disparate environments can be electronically integrated to allow rapid insight in key decision-making areas.

The following identifies real-world issues that ACEIT has successfully solved:
- Cost-Engineering Platform to Optimize Cost vs Design trades
- Historical Database to Allow Quick look-up on Past Program History
- Develop and Distribute Up-To-Date and Relevant Estimating Methodologies
- Build Reliable and High Quality Cost Models
- Determine the Potential Cost Range and Identify a Solid Target Cost for a Project/Program
- Substantiate Budget Requests

ACEIT Exhibits at SCEA

Come visit the ACEIT Team at this year's Society of Cost Estimating and Analysis (SCEA) Conference June 13-16 at Tysons Corner, VA. Please stop by our booth and pickup some literature.

Make sure to mark your schedule to attend Tecolote's presentations:

Air Force Cost Risk Handbook: A Status Report Presentation
Alfred Smith, author

ACEIT 7.0: Improving the Construction and Presentation of Cost Estimates
Sabrina Beane and Darren Elliott, authors

A cost estimator faces many challenges when building a cost estimate. Challenges such as defining the WBS, implementing appropriate estimating methods, incorporating results from 3rd party applications, adjusting for inflation, including the impact of learning, documenting, phasing over time, modeling uncertainty, assessing alternatives, and of course creating engaging and informative reports, charts, documents, and PowerPoint presentations make this a daunting effort. For over 20 continuous years, the DoD has invested in the development of ACEIT so that these activities can be accomplished in a standard and structured manner. This presentation will show how the new features in ACEIT 7.0, to be released in early Fall 2006, enable the user to rapidly build standardized cost models.

Using Automation to Build Integrated Cost Estimates
Tina Elia and Darren Elliott, authors

This presentation will demonstrate how the Automated Cost Estimator (ACE) has been modified in ACEIT 6.1 and 7.0 (scheduled release in the fall of 2006) to establish direct links into other parametric cost estimating models and other COTS systems. We will demonstrate dynamic interfaces between an ACE-based cost model, the PRICE-H/PRICE-HL models, SEER-SEM/SEER-H models, and the NAFCOM model. To illustrate the ability to dynamically link cost and schedule information the ACE plug-in for Microsoft Project will also be demonstrated. Additionally, we will demonstrate how to leverage ACEIT technology via the ACEIT API to build custom cost estimating applications.

Prediction Interval Analysis for Non-Linear Equations
Dr. Shu-Ping Hu, author

This paper examines the proposed prediction intervals for different functional forms and methods, including the Minimum-Unbiased-Percentage Error (MUPE) regression methodology. Since the USCM8 CERs were developed using MUPE, we can apply this analytic approach to generate the corresponding PIs for the cost uncertainty analysis. This approach is also validated for the OLS models.

ACEIT.com offers a wide variety of reference materials in its Library. You can find useful information such as white papers, conference presentation, How-To Guides, Tutorials and more.

Training Highlight

New ACEIT Basic 7.0 Training

To complement the changes to the ACEIT 7.0 software we are updating our training courses and materials. For our new Basic course we have revised our course example WBS to focus on current modeling practices. We have improved the flow of the course to focus on eight major areas: Setting up an estimate Structure, Building Methodology Implementation, Building an Estimate, Entering Documentation, Model Revision and Debugging, 1st Level Model Automation, Using and Developing CERs, and Working with Estimate Results: Creating Estimate Excursions, Running Reports, and an introduction to Applying Cost Risk. The new course materials provide more detailed information on model implementation and best practices.

For complete details and to register visit the ACEIT training schedule online.

Training Schedule

Upcoming ACEIT Training

June 2006 – September 2006 classes are listed below. For a complete listing of all upcoming training, check the ACEIT training schedule.

	Jun	Jul	Aug	Sep
Advanced ACEIT (In Depth ACEIT/POST)	19-22 Las Vegas, NV		22-25 WDC	
Automated Reports and Presentations Using Excel (POST)	21-22 Las Vegas, NV		24-25 WDC	
Basic ACEIT 6.1 (Basic ACEIT)	26-29 Las Vegas, NV	18-21 WDC		
Basic ACEIT 7.0 (Basic ACEIT)				12-15 WDC
Training Bundle - 4 Day (COSTAT/RI$K)				25-28 Las Vegas, NV

On-Site and **Mechanics Training** are available; contact our Training Coordinator for more information.

Support Alerts on ACEIT.com

There have been **0 Support Alerts** posted since the last e-news.

Please see the Support Alert page of the ACEIT website for more information on recent alerts and to view other Warnings and Informational postings. You will need to login and have current DMS.