Audit Workshop

New Analytical Processes (AP)

Continuous Control Monitoring (CCM)

Budapest 2011 30-31 May - 01 June

INTELLIGENT DATA ANALYSIS, PROCESS IMPROVEMENT & AUDIT EFFICIENCY

Advanced Analytical techniques

- Fraud Audits
- Operational/Efficiency Audits
- Program/Policy/Agency/Performance Audits
- Compliance/Statutory Audits
- Financial Audits
- Process Improvement

EMBEDDED PROCESS-LEVEL CONTROLS IN ERP SYSTEMS

Continuous Control Modeling + Continuous Control Measurement = Continuous Control Monitoring

At the three day workshop can be acquired the most efficient audit tool for manage down business risks. CCM has been shown to reduce fraud/waste/abuse and identify best practices. " What gets measured gets done"

Guest lecturer

Audit smarter; Not harder™

Dr. Dan Kneer (San Diego, CA, USA)

He was the "Professor of the Year" in the largest College of Business in the US

Rated as the #1 speaker at the IIA International 3 times

He has been voted „Americas #1 trainer of auditors"

Contact

Phone: (+36 1) 222-4043
Fax: (+36 1) 222-3866
E-mail: etk@etk-rt.hu

Course fee

1.125 EUR
Including VAT, paper-based and electronic handbook, catering

Rebate

1000 EUR
If register and transfer up to 28 February 2011

Registration

Customer name: …………………………………………………………………………….………………………….

Customer address: …………………………………………………………………………….………………………….

Contact person name and assignment: …………………………………………………….…………………………..

Phone: ………………………………………….. E-mail: ……………………………….......……………………………

1. Participant name and assignment: …………………………………………………………….………………………..

Phone: ………………………………………….. E-mail: ……………………………….......………………………………

2. Participant name and assignment: ……………………………………………………………….……………………..

Phone: ………………………………………….. E-mail: ……………………………………………………………………

3. Participant name and assignment: ……………………………………………………………………………………..

Phone: ………………………………………….. E-mail: ……………………………….......………………………………

Informations about Workshop

Date and time: 30-31 May – 01 June 2011, Hotel Arena, Budapest, HUNGARY

Participant fee: 1000 EUR If register and transfer up to 28 February 2011
                         After 28 February 1.125 EUR

The participants will work on their own laptop.
The language of the course English.

We acknowledge the registration on e-mail, then we make out the bill.

The fee including paper-based and electronic handbook, catering.

Further information: Judit Miskolczi, e-mail: miskolczi.judit@etk-rt.hu. Fax: +36 (1) 222-3866

Date: ………   …………………….. 2010.   ………………………………….
                                                            Signature

Detailed program and all important information:
http://www.etk-rt.hu/esemenyek/124-audit-workshop

A three-day workshop led by Dr Dan Kneer and his colleague

on The Application of Advanced Analytical Processes and Continuous Control Monitoring

May 30-31 and 1 June, 2011, Budapest

For the first time not only in Hungary but also in Eastern Europe: the application of advanced analytical methods with a world-famous US trainer!

The acquisition of the most efficient audit method in order to improve achievements, reduce costs and gain more valid results. Advanced analytical techniques to examine controls and test data. Find the best practices, reduce your travel costs and give more value to auditees!

For the first time in Hungary, in this course you will get to know the elements of continuous control monitoring, as well as advanced analytical techniques and continuous control monitoring. It will also be possible to apply CCM mechanisms to practice. You will also learn to calculate critical success factors and key result indicators. This will enable you to set up a prototypical CCM by applying ordinary techniques. Strengthen the control environment and reduce your financial risks!

Who should attend:

The cases will be customized to reflect typical auditor scenarios:

- All auditors: Program, Compliance, Fraud, Operational, Efficiency, SOX, IT, Process and Financial auditors
- Senior and Line Management (IT, Company Managers, Risk analysts, branch office managers, Lines of Business Managers, Budgeting, Forecasting)

Date: 30-31 May and 1 June, 2011, Hotel Aréna, Budapest

Participation fee: 1000 EUR (including VAT) in case of registration and paying registration fee before 28 February 2011.
In case of registration after date above: 1125 EUR (including (VAT).
Participation fee includes fees of management, manuals and services.

In case of two or more participants a 5 % discount is offered.

In the first two days of the event each student is expected to use their own laptops. Course materials will be distributed on the spot. If you would like to hire a laptop, please ask the organizers! The language of the course is English.

May 30-31, 2011ADVANCED ANALYTICAL PROCESSES

Intelligent data analysis for fraud, waste, abuse, process improvement and audit efficiency

1. Introduction and the Evolving Audit Process
    a. The Audit Risk Model
    b. The Shocking Costs of Types of Audit Evidence
2. Analytics and Regression
    a. Sources of Analytics Data
    b. Basic and Intermediate Analytics
        i. Ratio Analysis, Trend Analysis and Metrics
        ii. Reasonableness and Flux Analysis Tests
        iii. Mini- Max tests
    c. Promulgated Standards Set You Free
        i. AICPA, IIA, ISA
        ii. Yellow Book and Government Score-carding
        iii. COSO and COSO for Monitoring
    d. Relevant Research
        i. Hylas and Ashton: Analytics and Fraud Finders
        ii. Stringer: Keep Regression Models Simple
    e. Basic Regression Analysis
        i. Terms: R and R2
        ii. R2, versus Adjusted R2
        iii. Causality versus Correlation
        iv. Simple Linear
        v. Minimum Number of Observations
    f. Charting Regression- Seeing Is Believing
        i. Plotting Data
        ii. Inserting a „Trendline"
        iii. Calculation of „Confidence Bounds" (not statistical)
        iv. Calculation of Statistical „Confidence Bounds"
    g. Advanced Regression Analysis
        i. Curve-linear (Polynomial, Exponential, Logarithmic)
        ii. Subpopulations
        iii. Lagging Data
        iv. Multivariate Regression
3. Advanced Uses of Regression
    a. Why Advanced Analytics?
    b. Specific Audit Usages of Regression
    c. Finding Fraud Waste and Abuse
    d. Reconstructing Missing Data
    e. Analytics as a Test of Controls
    f. Overlaying Industry Standards
    g. Finding BEST PRACTICE
    h. Constructing Management Dashboards
4. Class Presentations

1 June, 2011 Continuous Control Monitoring (CCM)
(Built-in, process level controls)

1. The Professional Literature, Stakeholders, „Call for CCM"
    a. COSO, CobiT and the PCAOB
    b. Examples of monitoring in „the real business world"
2. What is CCM?
    a. CCM from 10,000 feet
    b. The 4 necessary components of CCM
3. The Audit Risk Model
    a. The staggering cost of audit evidence
4. Internal Controls Make a „Comeback"
    a. CobiT for application controls
    b. Tests of Controls: TEOs és TODs
    c. Are you really „testing" the control….or just „reviewing" it
5. Application Controls and Opportunities Lost
    a. Controls embedded in ERPs (Oracle, SAP, etc.)
    b. Triggers and Configurables
    c. Application Controls and their Relationship to General Controls
6. Macro-Level Design Issues
    a. Who builds the CCM?
    b. Who hosts the CCM?
    c. Who monitors the Monitors?
    d. What is real time? Run-time? Near real time?
    e. Options for the CCM User
    f. What do you monitor?
    g. Would you really stop a transaction?
    h. CCM specialties
7. Tactical and practical: Micro-Level Design and Implementation Issues
    a. Implementation methodology-Macro
    b. Implementation methodology-Micro
    c. Push-backs from I.T., and How to Dispel Them
    d. Capturing the concerns of the Business Unit Manager (focus groups)
    e. Critical Success Factors and Key Performance Indicators
    f. Modeling the business rules (regression and configurables)
    g. SAP code: ABAP, Oracle code: PL/SQL and legacy COBOL
    h. Filtering data…or data overload
    i. Guardrails
    j. Recalibration of embeddeds and guardrails
    k. Constructing Dashboards and Cockpits
    l. Backfilling the cockpit: data pipes
    m. Total Costs for CCM
    n. Obtaining traction: 3 different levels of initial installation (go live)
8. Actual installations of CCM
    a. Lessons learned from over 20 years of installing CCM
    b. Wins
9. Questions and Answers

10. Fitting CCM to Your Company

Upon completing the course, students will be able to:

- Cite and discuss the current literature regarding CCM,
- Reduce audit costs by performing analytics
- Apply Promulgated Standards
- Run regression, hands-on in Excel
- Introduce Efficiency and effectiveness into the audit process
- Learn why 99% of the Analytical Procedures used by auditors are doomed to failure
- Assign a statistical confidence or reliability to our analysis
- Identify the business rules for core processes, and quantify the Critical Success Factors (CSFs) and related Key Performance Indicators (KPIs)
- Recognize the value of correlation analysis
- Utilize the Analysis ToolPack
- Understand Multivariate Regression
- Construct management dashboards for Continuous Monitoring

and

- Cite and discuss the current literature regarding CCM
- Review the new COSO for Monitoring (2009) and new CobiT for Application Controls (2009)
- Explain the necessary components of CCM
- Define and operationalize CSFs and KPIs
- Recognize the vast opportunities of embedded controls
- Differentiate between controls „placed in operation" and controls „operating effectively"
- Identify the embedded hooks in major applications (SAP, Oracle, PeopleSoft)
- Realize the importance of „asking the right questions" to Business Unit Managers as regards to computerized controls
- Understand the resource requirements to get CCM off the ground
- Anticipate the potential obstacles of CCM
- Design continuous control monitors
- Determine the capabilities that we already have in order to facilitate CCM
- Consider CCM tactical and practical implementation options
- Review actual CCM „wins" and determine the low hanging fruit to go after.

Course Materials/ Takeaways

Each participant will receive the following:
- Workbook with screen captures and instructions
- Computerized cases so they may practice and replicate the classroom experience (that is, apply this knowledge in their jobs)

Special accommodation offer

for the participants of the Audit Workshop

organized by ETK Co.

30-31 May – 01 June 2011

Hungary, Budapest

**Danubius Hotel Arena
H-1148 Budapest Ifjúság útja 1-3.
(The same venue as the Audit Workshop)**

60 days prior to arrival and paid (no possibility to cancel):

EUR 61.5 single bad/night   or   EUR 70.5 double bad/night

59-10 days prior to arrival and paid (no possibility to cancel):

EUR 68.5 single bad/night   or   EUR 77.5 double bad/night

Less than what the 10 days before arrival:

EUR 70 single bad/night   or   EUR 80 double bad/night

Reservation:

Individual reservation (please refer to the event):
Email: reservations@danubiushotels.com
Tel. 36 (1) 889 9999
Fax: 36 (1) 889 4111