

U.S. Air Force finds \$1.4 billion using data analytics

DOD accounting group recognized with 2009 ACL Impact Award grand prize

Defense Finance & Accounting–Europe (DFAS-Europe), the accounting group of the U.S. Department of Defense (DOD), is the winner of the 2009 ACL Impact Award grand prize in recognition of their use of ACL technology to improve budget accountability and transparency across the U.S. Air Force.

The awards recognize companies for organizational excellence and innovative use of ACL technology. DFAS-Europe identified over \$1.4 billion in unused budget balances for the U.S. Air Force by analyzing

over three million records from the previous six years. DFAS-Europe gained insight, identified opportunities to improve business processes, and helped the Air Force put in place controls to reduce unexecuted balances in future years.

The U.S. Air Force in Europe (USAFE), based at Ramstein Air Base, Germany, has six DFAS mission support accountants embedded with the USAFE Comptroller staff. The team, established in 2003, provides service for all USAFE and DOD supported customers by analyzing various accounting and reporting operations including Air Force vendor pay throughout Europe.

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Building a best-in-class audit function

We sat down with Fatima Pardhan, CISA, product manager at ACL Services Ltd., to discuss how ACL is advancing audit technology.

What are audit's biggest challenges?

There is increasing pressure on audit to do more with less. Internal audit's role in business assurance is at the forefront as the profession looks to provide more confidence and transparency to the audit committee and CFOs around everyday business activities. To accomplish this, the current focus of many audit teams is to enhance the quality of their work and effectiveness of the department using technology. They need to be more productive, and better focused on emerging risks. Audit teams are also seeking to deliver timely value to the enterprise by distributing, tracking and escalating potential issues for better business insight and control.

Today's expectation in building a best-in-class audit function is to deliver 100% completion of the audit plan with appropriate coverage and assurance on each and every audit. It may sound straight-forward, but it requires innovative people and technology to make it happen.

How is ACL working to help tackle these challenges?

I see ACL AuditExchange™ 2.0 as a significant solution. For the first time ever, audit departments have a scalable, collaborative technology solution that integrates data analytics with working paper documentation and content for each audit.

ACL | AuditExchange™
the business assurance platform **2**

This new ACL platform supports business assurance across the organization, starting with internal audit. ACL is working to equip a broader set of users with technology and provide easier ways to view audit results. New to AuditExchange 2.0 is an enhanced audit repository, and web-based tools to enable users to perform analysis, link to MS® Office and other documents, and distribute and escalate exceptions to business stakeholders.

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Data analytics' role in business assurance

Audit technology takes center stage

By John Verver, CA, CISA, CMC, vice president, services and product strategy, ACL Services Ltd.

“ Nearly 9 in 10 (auditors) rated continuous monitoring and auditing applications as most important, with data extraction and analysis, fraud detection, and risk analysis software close behind...Chief Audit Executive interviewees said consistently that the ability to conduct data analysis was an essential skill for the future. ”

PricewaterhouseCoopers, *Internal Audit 2012*



John Verver, CA, CISA, CMC

John Verver is vice president of services and product strategy for ACL Services. He has been heavily involved in audit technology for more than 30 years. An acknowledged thought leader on audit analytics, continuous auditing and continuous monitoring, John is an inaugural member of the Center for Continuous Auditing's advisory board. He was a key contributor to The IIA's *General Technology Audit Guide (GTAG) 3: Continuous Auditing: Implications for Assurance, Monitoring, and Risk Assessment* and is a frequent speaker at global audit and control conferences.

The need for assurance and audit

The past eight years have seen unprecedented business turbulence, with corporate fraud and subsequent corporate collapses compounded recently by one of the worst periods of economic uncertainty in memory. It is hard to think of another time when there has been as great a need for assurance over the integrity of business activities, and for that matter, those of government as well.

The need for internal audit, a profession dedicated to providing assurance, is greater than ever, and auditors are increasingly recognized as playing a critical role within the organization.

How much assurance does audit achieve?

What do we mean by audit providing assurance? The literal definition of assurance, according to Webster's, is "full confidence, freedom from doubt, certainty." The Institute of Internal Auditors (The IIA) refers to the profession providing "assurance that internal controls in place are adequate to mitigate the risks, governance processes are effective and efficient, and organizational goals and objectives are met." Therefore, the profession should provide organizations confidence and freedom from doubt over the effectiveness of risk management and controls.

The question I believe the profession needs to consider now is the extent to which audit actually provides confidence and freedom from doubt.

Let's look at some traditional audit processes. Most involve a cyclical auditing approach, along with some form of sampling and manual testing and analysis, probably involving a walkthrough examination of the controls that are meant to be in place. Typically, having performed an assessment of a control at a particular point in time, reliance is placed on the presumed effectiveness of the control throughout a period, backed up by some limited compliance and substantive testing.

But what level of assurance is actually achieved when using a judgment or random sample approach to testing controls? How do we know that the controls in place are sufficient to address key risks inherent to the business process? Does audit have reliable insight into the risks of potential error, fraud and abuse?

It is only by examining the entirety of what has actually occurred that auditors can come close to providing a satisfactory level of assurance. What do I mean by this? Internal audit should examine every transaction to: 1) determine whether it complies with the controls that are designed to be in place and, 2) check for indications of activities and risks for which no control was designed in the first place.

If we can do both these things – and, of course, do so efficiently – we can achieve a far higher level of assurance than through traditional audit approaches.

The role of technology

How can internal audit achieve this higher level of assurance? The answer is through the use of technology – specifically, data analytics technology.

The audit profession has clearly supported the use of data analytics technology in multiple surveys and reports over the past couple of years. Reports from The IIA and the Big Four accounting firms consistently refer to the critical role of technology to support audit's evolving role.

Comprehensive transactional analysis is shown to identify and reduce instances of fraud and error, as well as to make audit processes more efficient. The use of data analytics provides not only increased assurance, but also offers direct benefits to the bottom line, which is presumably what every business is seeking to achieve. By providing the results of analysis to auditee departments, audit is able to drive the benefits of audit analytics into the business. At the same time, internal audit is able to provide a new level of assurance to the audit committee and other stakeholders.

But if audit is to be serious about integrating analytics as a fundamental component of audit strategy, and actually reaping the rewards they can provide, then it needs leadership and direct involvement from senior audit management.

Overall, the most important requirement is a commitment to change, followed up by a solid plan.

» Visit AuditNet.org to read the full article in the AuditNet Newsletter

Fraud detection: what's under the rug?

By Penny Borjas, CFE, CIA, B.A.

Identifying fraud has always been an important goal for organizations across the globe. The current economic turmoil, however, is pushing fraud detection higher on everyone's priority list. Unfortunately, few companies are taking advantage of technology solutions that can actively target key risk areas – instead of relying on sporadic hotline calls or anonymous tips.

According to the *2008 Report to the Nation* from the Association of Certified Fraud Examiners, over 50% of fraud was detected through tips or by accident. Of the fraudulent activities detected by tips, a full 31% came through hotline calls. While any method that successfully uncovers fraud is valuable, it's astonishing that more companies don't use technology to proactively pursue fraud.

As a fraud manager for a global food and beverage company, I'm focused on understanding the risks within my organization and the industry at large. I need to know what our standard data looks like and how to find areas where red flags might emerge. There's a common misconception that large organizations have all the necessary resources to develop and maintain airtight controls. In my experience, however, the sheer volume of data can become overwhelming. There are so many transactions that large companies can quickly lose control over their information – a virtual invitation for people to take advantage of loopholes and dark corners in the data. I've also had managers say, "There are just too many transactions. We can't look for just the anomalies in the millions of records."

Thanks to the power of audit analytics, there's nothing to stop an organization from proactively targeting and even preventing fraud. Technology makes it possible to quickly analyze complete data populations. Instead of pulling random samples or relying on those all-too-rare hotline calls, you can actively target specific data patterns, activities and exceptions that uncover fraud.

So if you've always relied on hotline calls, accidents and random tips, how can you start a proactive fraud detection program? My team always begins by brainstorming. We ask ourselves, "What types of fraud are we looking for?" It's critical to be focused. Decide whether you're targeting fictitious vendors, abuse, kickbacks or another activity entirely.

Next, identify what accurate, standard data looks like when it's stored in your databases. How can you identify something that's out of place? What are the exceptions? What are the acceptable conditions and limits? Draw the boundaries in your data and focus in on a straightforward test. It's a great way to get quick hits and find areas that need deeper review.

Finally, it's critical to have the right tools. Today's audit analytics are extremely fast, powerful and flexible. They make it simple to pull files without IT intervention or time delays and give you the ability to quickly analyze complete data populations. You simply need to know what information is stored electronically within your organization. The power then lies in accessing multiple databases and bringing the information together for analysis.

The global economic downturn has made fraud detection more important than ever before. It's a critical way to prevent revenue leakage, promote a secure corporate environment, and retain full control over your internal data. Human nature teaches us that people are less likely to breach controls when they know management is actively looking and monitoring the transactions. And while every industry has its own unique risks (such as the fuel cards for our fleet of delivery drivers), there are many common areas that everyone can target, such as accounts payable, receivables, purchase cards, financial support, and human resources.

In today's economy, don't wait for a tip-off. Harness the power of technology and packaged analytic tests to identify fraud now. If you can identify a risk, it's a substantial corporate control, and you've captured the data electronically, then go for it. You're probably going to find fraud.



Penny Borjas, CFE, CIA, B.A.

Penny Borjas is a Certified Fraud Examiner and Internal Auditor with a diverse background in healthcare, manufacturing, government, and financial/banking industries. Her work as an internal auditor has covered operational, financial, fraud, compliance and IT engagements.

Penny has spent more than 10 years reviewing financial and operational electronic data to reveal anomalies that could indicate fraudulent activity. She is equally well versed in identifying opportunities to improve business processes and boost efficiency.

Hear fraud expert Penny Borjas discuss three fraud projects, including one within a large beverage company, which resulted in a \$1.4 million drop in fuel costs – despite record prices at the pumps!

» View webinar at www.acl.com/Penny

We've been asking our customers why they "heart" ACL and dozens of them have told us!

Here are some snippets of the quotes you will hear on the site:

- "Used the join command to find \$800K at IBM and save jobs."
- "Direct Link™ for SAP® ERP to retrieve millions of bytes of data in seconds."
- "Imprint knowledge and skills into the system with AuditExchange."
- "Giving my company a competitive edge with data-driven decisions."

» Visit www.acl.com/iheartacl to hear how users are using ACL in different ways.





Fatima Pardhan, CISA

Fatima Pardhan is a product manager at ACL Services and has experience in auditing information systems, general information systems advisory services, business process review, and forensic accounting. Most recently, Fatima has been involved in the development of ACL AuditExchange 2.0, and also played a key role in the implementation of ACL continuous monitoring technology at Siemens AG.

Prior to joining ACL, Fatima was in the Assurance and Advisory Business Services group of Ernst & Young. Her clients covered a variety of industries ranging from manufacturing, financial institutions to government organizations.

Fatima is a Certified Information Systems Auditor (CISA) and is the recipient of professional awards from the ACCA.

And with these capabilities, our Professional Services team is stepping up to help you fill in gaps. We are also now offering Audit Plan reviews, where we can suggest ideal opportunities for embedding the right analytics at the right time to enhance your focus and efficiency.

How does the repository help internal audit get more done with the same staff?

It allows working paper content, including ACL analytic elements, audit programs, spreadsheets, documents and presentations associated with audit engagements, to be easily stored and shared in a secure central repository. When you start a plan or engagement, you can log in and see which analytics were run for previous audits and what results were found. Six months later, the audit trail is still there. Geographic separation of audit staff need no longer dictate workflow – AuditExchange 2.0 is securely accessible for users at different locations. The analytics run on a dedicated server, so you're not slowing any other processes. And there is security around where and how the data, analytics and other documents are stored.

What about continuous auditing?

For organizations striving for true continuous auditing, AuditExchange 2.0 provides automation and standardization of ACL's analytics combined with the ability to easily schedule processing. This can be further enhanced by scaling up the platform with automated data access capabilities. For increased data security requirements, this includes data masking functionality to protect sensitive information. And because it's in a structured environment, users don't have to worry about "breaking" anything. This also alleviates some of the reliance and pressure on the technical specialist.

How does AuditExchange 2.0 help audit departments organize their work?

We designed it to complement your audit process. Audit typically organizes work as audit engagements and plans, determined by key risk areas that they identify across the year. Auditors have a program identifying their key objectives for what they need to validate, typically based on risk.

AX Core (at the center of AuditExchange 2.0) enables you to integrate analytics into the audit program in a centralized content management repository. You're blending the audit process with data analysis. It's also taking away the need for it to be a specialized activity. The whole team can easily access previous audit work such as templates, analytics and other best practices for use in current audit engagements. This also simplifies workload sharing, as one person can pick up where another left off – a key feature due to the turnover common to audit departments.

Is the new interface user-friendly?

Absolutely, we are focused on making data analytics easier and more accessible. The new AX™ Gateway adds a new layer of simplicity for departmental auditors to access and review findings from audit analyses. AX Gateway's interface is aligned with the audit process – the user sees a list of the audit engagements, recently completed activities, activities in progress and results. It helps auditors find things quickly, attach notes and integrate the output more easily. You can drill down through the repository structure to specific documents, data sources and analytics. If you are viewing data, you can use various tools, including profiles, filtering, and grouping, to help you draw immediate conclusions around that data. There are add-ins for MS® Word, Excel® & PowerPoint® to link those results into your audit documentation.

What are the advantages of this?

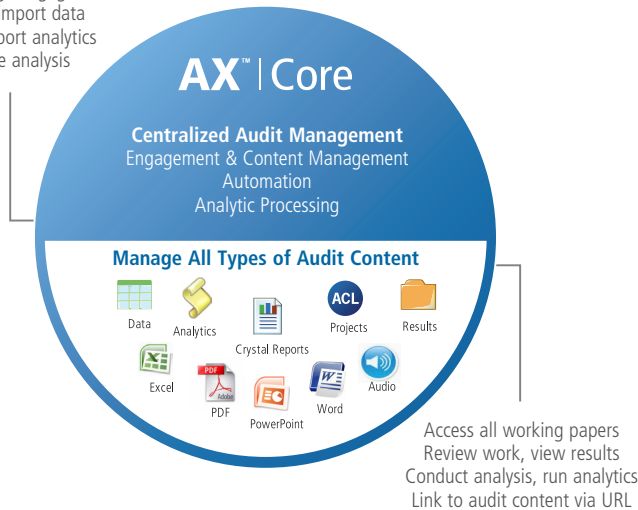
All members of the audit team, including those with no existing ACL experience, can efficiently plan, document and review analytic results – and even perform basic analytic processes. For example, is this a duplicate payment? Is it violating a control objective that I was testing? AX Gateway takes the user to the outcome of the analysis – where the greatest value lies, not in trying to find data or write logic.

ACL Specialist – Desktop User

ACL Desktop

AX GatewayPro

- Create & manage engagements
- Prepare & import data
- Create & import analytics
- Automate analysis



Staff Auditors & Audit Leadership

AX Gateway

AX Gateway

AX Gateway

Can audit distribute findings to stakeholders?

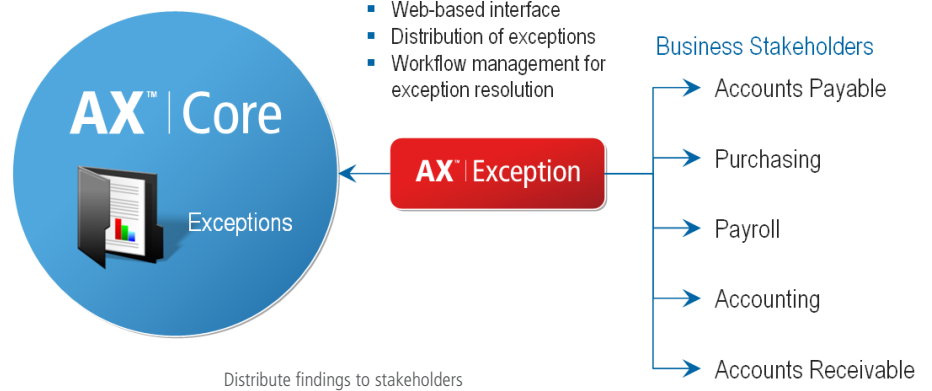
The AuditExchange platform can be extended with AX™ Exception, which allows for the distribution, tracking and escalation of specific audit exceptions, closing the loop on what audit has found. We know from our customers that audit doesn't operate in a silo. To really add value to their organization, they need to interact with the business side to validate their findings and share results.

Tell me more about the new exception management capabilities.

Exception handling encourages quicker closure to the audit, and helps the business side to look at the implications of the audit findings. Customers are using the output from the audit analysis to address control weaknesses and improve the business. AX Exception enhances this process. In the past, an auditor might have sent a spreadsheet to the business process owner, asked him/her to validate the outcome and improve the control process – all through email with attachments. AX Exception allows auditors to create a direct bridge of communication to the stakeholders. And our Services Group can even help you configure automated resolution and escalation capability.

Overall, how does AuditExchange enable audit to work smarter?

It delivers timely insight into the integrity of business activity. The repository allows the team to share and collaborate on a lot more of the technical data analysis activities within their audit. AuditExchange 2.0 enables the integration of analytics into the audit process. Department specialists (i.e. IT auditors) can write a series of analytics and embed them right into the audit plan. Then a field auditor or team member can quickly find the prepared and approved analytics from the repository and initiate the analysis, and use their insight to immediately evaluate the results. AuditExchange 2.0 now allows the audit team to be more consistent, effective and sustainable – and produce higher quality audits. And that all adds up to delivery on their key mandate – providing confidence and assurance to their organization.



(Continued from page 1)

» U.S. Air Force finds \$1.4 billion using data analytics

In accepting the award at the ACL Connections 2009 user conference in New York City, David T. Miod, mission support accountant of DFAS-Europe said, "It is because of ACL technology that the Air Force has gained recognition as a leader in this new 'out-of-the-box' thinking about an old standard way of doing things. Traditionally, we focused on current-year budget execution, but using ACL has allowed us to examine fund usage over the past six years, show yearly trends, and identify process improvement areas to ensure mistakes are not repeated."

ACL user conferences were held in San Francisco, Chicago and New York and drew hundreds of professionals from audit, finance, risk management and other analytics fields. In the closing remarks of the New York conference, Harald Will, president and CEO, ACL Services commented: "This year's Impact Award winners prove that internal audit can be a catalyst for better business assurance. As audit takes on a more strategic role in response to the changing economic conditions, these organizations are seeing the benefits from applying audit technology across business

processes for some pretty amazing results." Will was recently named one of the 100 Most Influential People in Finance in 2009 by *Treasury & Risk* magazine.

Regional 2009 Impact Award winners are:

- *Asia*: Nabankur Sen, Axis Bank Ltd. (India)
- *EMEA*: Davide Gava & Tobias Thibaut, Sara Lee International (Spain)
- *Latin America*: Joao Vieira Filho, Instituto Nacional do Seguro Social (Brazil)
- *North America*: Manuel Coello, Stanley Works (US)
- *Most Innovative Use*: José Carlos Cruz Reséndiz & Francisco Labastida Teón, Grupo Bimbo (Argentina)
- *Audit Team*: Shelley Reimann & Jaki Gerard, City of Phoenix (US)
- *Most Promising Novice*: Reg Brehaut, Energy Resources Conservation Board (Canada)

PODCAST

Listen to a 10-minute interview with David Miod, Mission Support Accountant for the Department of Defense accounting group, who helped recover \$1.4 billion with the US Air Force.

Learn how the Department of Defense accounting group used data analytics to:

- fulfill goal of Congress: to see the Department of Defense run like a business
- uncover misappropriation of funds in the billions of dollars
- convert budgetary systems to financial systems for better management insight

» Listen to the podcast at: www.acl.com/Miod

Real estate investment company identifies \$150K in duplicate payments with ACL AuditExchange



A Denver-based real estate investment company owns and operates apartment communities across nearly every U.S. state. With 202,337 units and 750,000 residents in the corporate portfolio, the internal audit team is flooded with large data volumes from different platforms and locations. With support from ACL consultants, the company implemented ACL AuditExchange™ to look for duplicate payments within a one-year framework. The project immediately uncovered US\$150,000 in duplicates and highlighted underlying control issues – giving the audit team deeper data insight, audit control, and a stronger relationship with corporate management as they move toward a continuous auditing environment.

Managing a geographically dispersed audit team, limited staff and time resources

The internal audit team is based in cities across the U.S., including Denver, Greenville, Dallas, Indianapolis, Boston, Chicago and Phoenix. In order to monitor business transactions from the company's more than 1,100 properties nationwide, auditors oversee huge data volumes from multiple platforms and numerous geographic locations. The team was looking for a reliable way to automate its audit processes, implement continuous auditing, and become more efficient with fewer resources.

In the past, the company hired a third-party cost recovery firm to identify duplicate payments in the accounts payable files and pinpoint internal control gaps. This uncovered a relatively small number of duplicates and the firm charged a 40% commission on the findings. It was a situation the company wasn't willing to repeat.

Automating audit projects

Eager to perform deeper data investigations in-house, they implemented ACL AuditExchange 2009 to search for duplicate payments within a single year of AP data. This initial project quickly found over US\$150,000 and the company has already recovered a significant proportion of that total.

ACL consultants worked with the audit team to support the initial duplicate payment search and to ensure the company enjoyed immediate results. The process was hassle-free, working within the time frame to meet and exceed audit goals. The ACL consultants are now training internal audit staff to extend the AP duplicate payment project and to cultivate additional ACL-based investigations.

The audit team also began applying ACL to automate quarterly audit projects such as expense reports, manual journal entries and account reconciliations. ACL technology makes it simple to obtain true random samples or stratified data populations, rather than the judgment-based samples used in previous audits.

Auditors are now using this technology to develop and implement continuous auditing on key data populations.

The audit team will eventually create ongoing analysis projects that equip other departments – such as AP, payroll and accounting – to monitor and pursue data exceptions, errors and anomalies on a daily basis.

A nod from the CFO, CAO and CEO

With ACL AuditExchange, auditors can quickly and efficiently process large data volumes, including files that would be far too big for spreadsheet work. ACL gives the team exceptional flexibility to sort, investigate and pinpoint critical data according to their audit needs. The AP duplicate payment project, for example, found key issues that would be nearly impossible to catch with manual sampling methods. Duplicate vendor names, addresses, and errors based on fuzzy matching would not have been found.

The secure data repository in ACL AuditExchange will be another valuable solution for the audit team. With audit staff spread across the country, approved scripts can be stored in the repository and accessed remotely to perform investigations. Audit projects can be completed according to applicable workload and expertise, rather than geography. Results are easily shared with management and the team can build on successful audit projects and techniques – regardless of disparate data types or platforms.

With ACL AuditExchange this organization has gained:

- Significant cost recoveries
- Efficient, streamlined data access
- Greater data visibility and reporting capabilities

The company continues to find hundreds of thousands of dollars in duplicate payments, but perhaps more importantly, auditors have identified underlying control gaps. The team is quickly repairing these control issues and has strengthened its relationship with upper management, including the CFO, CAO and CEO. The internal audit department has enhanced its credibility by delivering significant value to the entire organization.

“ACL AuditExchange has delivered substantial quick-hit results that will support further project approvals and a continuous monitoring program. We can perform sophisticated data analyses that were simply not possible before.”

Vice-president of internal audit

Record attendance for ACL user conference 2009



The ACL Connections user conference has taken the show on the road this year in four cities.

Connections kicked off in San Francisco with compelling speakers discussing their case studies and techniques on taking data analytics to the next level – from simply accessing data to continuous auditing and monitoring. Shane Schultz from Union Bank of California demonstrated risk management for financial institutions using analytics technology; ACL super user Porter Broyles took a deep dive into the world of advanced techniques; and Ted Walter from Scripps Health gave a humorous presentation illustrating the benefits of a robust data analytics program.

The Chicago and New York conferences both sold out quickly, drawing hundreds of people from audit, finance, risk management and other analytics fields.

Author and recognized fraud expert Dave Coderre presented an in-depth workshop, and Mary Ann Tourney of Talecris and Mena Maximous of Protiviti demonstrated the power of ACL to automate the audit scorecard amidst the unique challenges they faced

with nationwide blood plasma donation centers. Craig Leming, data specialist from Sprint, showed us how rewarding it is to be the ACL super user in your organization!

The New York event also saw an impressive line-up of customer presenters including keynote Jason Gross from Siemens Financial Services, Inc. on how his audit-team-turned-controls-monitoring force is taking their use of ACL to the next level. David Toussas showed the steady progression of analytics work at Tiffany & Co. in a detailed case study that outlined his audit team's expansion into continuous auditing.

Manuel Coello of Stanley Works and winner of the North America ACL Impact Award, talked about "How an Internal Audit Department was able to achieve more than US\$1.5M in benefits with zero capital and the use of ACL." And David Miod of the US Air Force in Europe and Grand Prize winner of the 2009 Impact Award, presented an impressive case study in which his use of ACL helped identify over \$1.4 billion in unused budget balances.

The first-ever Connections conference for Europe, Middle East and Africa will take place in London, featuring keynote speaker

“In today's volatile business climate, it's more important than ever for internal audit to quickly identify and address control failures to reduce fraud, waste and errors and improve operational efficiency. The Connections conference offers an excellent forum for auditors to exchange ideas, methods, approaches and best practices to take their audit programs to the next level.”

Connections NYC keynote speaker
Jason A. Gross, vice president, controls management
Siemens Financial Services, Inc.

Volkhard Lorenz from Siemens A.G, as well as customer case studies from industries including financial services, energy, manufacturing, legal services, construction and government.

» For more information, visit
www.aclconnections.com

ACL training comes to you

On-site training is available for all ACL certified training courses. If your organization has more than five people who require training, it's more cost-effective for a certified ACL trainer to come to you than for you to send each team member to open enrollment classes.

Benefits of on-site training include:

Convenience – Courses are delivered to your team, at your location, on your schedule and only for your employees. Your classroom will need a computer for each participant, a white board/flip chart, and a projector.

Cost-Effective – Eliminate your travel expenses and time (lower per-trainee cost), and increase the overall productivity of your team.

Optimal Use of Time – Disruptions in business are minimized with employees remaining on-site for training.

Content Flexibility – Course content can be expanded to consider your organization's data and tests (time permitting).

Quality Instruction – ACL instructors are certified trainers who excel at delivering maximum skills in the allotted time and the majority are former auditors who have successfully used ACL in their audit careers. Instructor-led materials are reinforced with hands-on case studies to maximize your team's learning experience.

» Detailed training information at www.acl.com/Training

How to earn CPE credits with ACL

ACL strives to support customers both in their business environment and their professional development. To assist with individual professional development, ACL has partnered with NASBA, ACCA and other professional associations to provide learning development credits. We are able to offer CPE/CPD credits through training and education events such as benchmarking workshops, our webinar series and our annual Connections conference.



How many ways can customers earn professional development credits through ACL? Here's the list:

- On-site/Open Enrollment Training = 8–25 (depending on course)
- Online learning – ACL 005 course = 12
- Connections annual user conference = 7–12
- ACL hosted events or workshops = 1 per hour
- Live webinars = 1 per hour

ACL Business Assurance Series

LEARN | NETWORK | INNOVATE

The ACL Business Assurance Series is coming soon to a city near you. We will show you how to leverage ACL technology for a rock-solid business assurance solution – covering a complete spectrum of data analysis from ad-hoc and investigative, to continuous auditing and monitoring.

Suitable For:

CAEs, Audit Directors, Audit Managers, CFOs & Finance Managers, Fraud Specialists

Each session features:

Case Study

ACL customer speakers present case studies that outline the data analytics solutions they are most proud of. Hear how leading organizations are using data analytics to improve business outcomes, gain management confidence, and deliver on boosted expectations for audit and finance.

Business Assurance with ACL

ACL experts show you how to enable a powerful data analytics solution that can scale to your business needs and extend at your own pace. Find out how you can easily access data, run powerful analytics, and review results – even with no prior ACL experience.

Live Demonstration

Analytics in action. See for yourself how an integrated data analytics platform adds big value to the enterprise, allowing for rapid sharing and tracking of potential issues for better business insight and control.

Upcoming Sessions

- September 16, 2009, Minneapolis
- October 8, 2009, Las Vegas
- November 4, 2009, Chicago

» For upcoming sessions in your region, visit www.acl.com/OnTheRoad



Technology for Business Assurance

2010 Audit Team Goals

- Better manage our audit content
- Use technology to identify risk
- Implement Continuous Auditing
- Follow-up on exceptions

Tough Goals. We can help.

Our new business assurance platform offers a lot more than analytics. With ACL AuditExchange 2, your team can now manage all your working papers and analytic content in a secure, central repository accessible by authorized team members, anywhere, anytime.

We have made analytics much easier to use, so more people will use them more often. Team members can now schedule analytics to run on demand, repetitively, even continuously, to better identify emerging risk. And with our new exception management capability you'll be able to distribute, track and escalate exceptions throughout your organization – **enhancing the value you deliver.**

» Visit acl.com/AX2demo to see how ACL AuditExchange will help you complete 100% of your audits. Better.

FREEDOM FROM DOUBT

ACL | **AuditExchange**[™]
the business assurance platform