

Don't Miss The NEWEST Forum From The  
Advanced Learning Institute's Highly Acclaimed Executive Training Series For  
FEDERAL, STATE & LOCAL Government Security And Technology Leaders...



**CLOUD  
COMPUTING**  
**For Government**  
How To Cut Costs And Create A More Efficient,  
Scalable And Secure IT Infrastructure  
June 7-9, 2010 • Washington, DC

**Rave Review from a Past A.L.I. Government Conference Attendee:**

*"I was pleasantly surprised at the excellent presentations. Happily, I've learned a lot and appreciate the information sources gained from the conference."*

-- G. Shane, Technical Information Specialist

**DEFENSE TECHNICAL INFORMATION CENTER**

\*\*\*\*\* Register by April 9th To Save \$400! \*\*\*\*\*  
To Register, Call (888) 362-7400 -or- (773) 695-9400  
Register 3 Attendees & Get A 4th For Free -- Bring Your IT Team!  
or register online at [www.aliconferences.com](http://www.aliconferences.com)

## KEY TAKE AWAYS:

Attend this conference to learn how to develop a cloud computing strategy, along with helpful tools, tips and techniques to get started, including:

- **Leveraging** cloud computing to dramatically cut your agency's IT costs and do more with less resources
- **Understanding** what infrastructure is necessary to access cloud systems depending on availability and location
- **Reducing** your maintenance costs by cutting the need for additional buildings and staff
- **Benefiting** from shifting risks
- **Securing** a cloud environment and ensuring that your data is safe
- **Sustaining** your agency's resources by using a more energy-efficient system
- **Leveraging** existing resources to cut costs
- **Grasping** the types of cloud services (IaaS, PaaS and SaaS) and determining which one is right for your agency
- **Learning** how to implement a cloud in your agency
- **Creating** a more transparent and accessible

## HEAR FROM THESE LEADING GOVERNMENT ORGANIZATIONS & EXPERTS:

Get the latest updates on the key issues, trends, current initiatives, lessons learned, and future requirements of cloud computing from:

[NASA Ames Research Center](#)

[U.S. Department of Energy](#)

[Slough Borough Council, England](#)

[U.S. Department of Health and Human Services](#)

[Silicon Valley Education Foundation](#)

[Bick Group](#)

[HyperStratus](#)

[Govplace](#)

[Sonian](#)

[Traffic Solutions Ltd.](#)

[Baker & Hostetler LLP](#)

[Autonomic Resources](#)

[Red Hat](#)

government by shifting your agency to a cloud computing system

- **Assessing** cloud deployment options and determining which one is best for your agency
- **Making** cloud computing accessible and easy-to-use
- **Enabling** on-demand scalability to support a rapidly expanding government
- **Leveraging** the IT assets you do have within the new context of cloud computing
- **Making** the business case for cloud computing

**Novell**

**Canonical**

**Supporting Organizations:**



**Participate In The Conference Wiki!**  
**All conference attendees will be invited to expand their network and continue the conversation in the conference wiki – a social networking tool you will be able to use for collaboration and keeping in touch with fellow conference attendees!**

**WHY IS THIS EVENT ONE YOU CAN'T MISS?  
 JOIN THE CLOUD COMPUTING REVOLUTION...**

Several agencies are making dramatic strides in developing approaches and systems that work for them in their IT efforts. The periodic sharing of these experiences and "best practices" is an important element of this government IT evolution. That is why this forum, presented by the Advanced Learning Institute, is such a valuable opportunity to hear perspectives and share experiences of other professionals engaged in the "journey."

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**or register online at [www.aliconferences.com](http://www.aliconferences.com)**

**MAXIMIZE YOUR TRAINING!**

**Choose From Four Workshops For Ultimate Value And Learning!**

Sign up for your choice of these highly-interactive workshops:

• **Pre-Conference Morning Workshop A –**

**Monday, June 7, 2010: 8:30 a.m. – 11:30 a.m.:**

Cloud Computing 101:

Key Steps For Getting Started, Understanding The Concepts, And Applying Them To Your Organization

• **Pre-Conference Afternoon Workshop B –**

**Monday, June 7, 2010: 1:00 p.m. – 4:00 p.m.:**

Cloud Computing 102: Analyzing Which Cloud Deployment Option Is Right For Your Organization And Moving Forward With A Plan

• **Post-Conference Morning Workshop C –**

**Wednesday, June 9, 2010, 2010: 8:30 a.m. – 11:30 a.m.:**

Securing A Cloud Environment: Overcoming The Challenges

• **Post-Conference Afternoon Workshop D –**

## WHO WILL ATTEND:

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This conference has been researched with and designed for FEDERAL, STATE & LOCAL GOVERNMENT Managers, Directors, Analysts, Leaders, Officers, Administrators, Specialists, Advisors, Coordinators, Staff, Assistants & Consultants involved in:

- **Cloud Computing**
- **Information Technology**
- **Enterprise Architecture**
- **Cyber Security**
- **Information Sharing**
- **Software Integration**
- **Web Architecture**
- **Cyber Terrorism & Cyber Warfare**
- **Identity & Access Management**
- **Software-as-a-Service (SaaS)**
- **Infrastructure Optimization & Modernization**
- **Net-Centricity**
- **Geospatial**
- **Privacy**
- **Business Collaboration**
- **Virtualization**
- **Green IT**
- **Disaster Recovery**
- **Interoperability**
- **Project Management**
- **Strategic Planning**
- **Systems & Networks**
- **Digital Strategy**
- **Application Administrators**
- **Administration**
- **Program Management**
- **Evaluation**
- **Internet**

...And all those interested in developing cloud computing strategies within their agencies.

## BENEFITS OF ATTENDING THIS CRITICAL CONFERENCE:

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This conference is a must-attend event for all those who are serious about using cloud computing to cut costs and create a more efficient and secure IT infrastructure. You will benefit from:

1. **16 innovative speakers** at your disposal to share their strategies and experiences in cloud computing fundamentals that are already proven to work
2. **Over 18 hours of intense, interactive learning** - we guarantee you will recoup your money spent by implementing just a few of the strategies shared during the conference
3. **The opportunity to customize your learning** by participating in two days of unique and interactive workshop sessions that will enable you to practice and apply your skills in peer groups -- you will walk away with strategies and tactics that you can begin to implement in your own organization - go to [www.aliconferences.com](http://www.aliconferences.com) for more details
4. **An abundance of networking opportunities** – you will make many new contacts so be sure to bring plenty of business cards to exchange with your fellow attendees
5. **A comprehensive overview of cloud computing strategies and processes** from leading practitioners like the **U.S. Department of Health and Human Services, Silicon Valley Education Foundation, Slough Borough Council** and many more

6. **Acquiring new knowledge** to lead your organization through the imperative, yet sometimes extremely difficult, responsibility of ensuring that your IT infrastructure and information is secure
7. **A complimentary packet of research materials** that will serve as a helpful resource long after you have attended this conference
8. **A formal Certificate of Completion** which documents your training achievement and commitment to continuing professional development
9. **An optional networking lunch** that will give you the opportunity to brainstorm and benchmark solutions with your fellow attendees
10. **Participating in instructional sessions** that will share real-world examples, tactics and lessons learned from leading cloud computing initiatives that will ground you in advancing your own strategy
11. **The opportunity to learn how to secure and backup your data into a cloud** from leading government agencies and organizations

## A LETTER FROM THE CONFERENCE CHAIRPERSON...

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Mission Critical. Vision Practical.™

**Dear Federal, State and Local Government IT Professionals:**

**The age of cloud computing is here.** Don't miss this opportunity to learn how emerging cloud computing technology can help you take your public sector IT assets to the next level of efficiency, cost effectiveness, and scalability.

Cloud computing is now the #1 driving force within government IT. It is quickly reshaping the way we think about computing, both inside and outside our agencies and enterprises. Based upon current trends, International Data Corporation predicts a compound growth rate of 20% per annum for cloud computing, set against the overall software market which is only growing at around 6% per annum. Moreover, a recent Gartner report shows global revenue from cloud computing will top \$150 billion by 2013. This includes the shift from on-premise to cloud-based providers, and the use of private cloud computing platforms. Every major hardware and software manufacturer has or will soon have products to compete in the cloud computing market, and private sector enterprises are busy implementing or planning the implementation of cloud computing technology.

While the efficiency, cost effectiveness, and scalability advantages of cloud computing are clear, the way you migrate to the cloud is not. Modern government IT professionals need to learn to leverage the IT assets they do have within the new context of cloud computing, and understand how to redeploy those IT assets as part of a cloud computing strategy. This requires both understanding and innovation, learning about the advantages of cloud computing, as well as managing the risks, and understanding and defining the right path to the cloud. **Attending this conference is an excellent first step!**

### **How Will This Conference Help You And Your Organization?**

Attending this conference will help you understand how to utilize these cloud computing tools with your employees, the citizens you serve, and other stakeholders and customers, so don't be left behind!

At this conference, you will hear proven strategies and practical experience, from leading organizations and practitioners, on how to use cloud computing tools to change the way your organization communicates, collaborates, and shares information.

Learn how the:

- **NASA Ames Research Center** is using a Hybrid Cloud Computing infrastructure to do more with fewer resources and meet the Obama Administration's goals for greater transparency and deeper engagement with the public
- **U.S. Department of Energy** is managing the complexities around cloud computing security and privacy in the cloud

- **Silicon Valley Education Foundation** is turning to cloud computing to improve application reliability and scalability

[Register today](#) online or call our conference hotline at 888-362-7400 to attend A.L.I.'s conference on "Cloud Computing For Government: How To Cut Costs And Create A More Efficient, Scalable And Secure IT Infrastructure," this June in Washington, DC. This is your opportunity to hear from leading organizations that are already using cloud computing to reinvent their agencies to provide better service to their internal clients and the public. You can guarantee the presentations will be timely and relevant!

I look forward to seeing you at this information-packed event.

Sincerely,

David Linthicum, Chief Technology Officer  
**BICK GROUP**  
**Conference Chairperson**

**David S. Linthicum, Chief Technology Officer with the Bick Group and an internationally recognized industry expert and thought leader**, is the author/co-author of 13 books on computing, including the best selling *Enterprise Application Integration* (Addison Wesley). Dave keynotes at many leading technology conferences on cloud computing, SOA, Web 2.0, and enterprise architecture.

**P.S. Reserve your spot today to learn how you and your team can better manage your cloud computing efforts to result in a more efficient, scalable and secure IT system. Register 3 people and get the 4th for FREE! For more information, go to [www.aliconferences.com](http://www.aliconferences.com) or call (888) 362-7400.**

## **RAVE REVIEWS FROM PAST CONFERENCE ATTENDEES:**

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*"It was great to hear what others are doing and to finally realize what we need to do to get started. It seems so simple now... I wonder what was really holding us back. This conference helped us to solidify our plan."*

D. King, Application Support & Web Manager  
**ATLANTIC HEALTH**

*"This conference was an incredible learning experience."*

J. Martin, Program Analyst  
**INTERNAL REVENUE SERVICE**

*"Great takeaways – there's so many constructive ideas for our project – some really exceptional presentations."*

J. Juurinen, Technical Support & Project Manager  
**COGECO CABLE CANADA**

*"I liked the way the content was presented by practitioners & not sales people."*

Shannon Duplessis, Assistant IT Director  
**LOUISIANA DEPARTMENT OF CIVIL SERVICE**

*"The content was great – real people in our world doing real things with the topic."*

A. Davison, Web Services Manager  
**CITY OF SCOTTSDALE, ARIZONA**

*"I gained a lot of helpful information...I am invigorated."*

D. Babcock, Program Analyst  
**INTERNAL REVENUE SERVICE**

*"Lots of good info! Two days well spent!"*

C. Dobbs, Program Analyst  
**U.S. GENERAL SERVICES ADMINISTRATION**

## PRE-CONFERENCE WORKSHOPS: Monday, June 7, 2010

Jump-start your conference experience by attending these interactive and practical workshops. These information-packed sessions are a great opportunity to network with fellow attendees while taking a hands-on, common-sense approach to mastering cloud computing basics and strategies that will enhance your understanding of the informative, case study presentations throughout the entire conference.

### Choose A or B or BOTH for Maximum Value and Learning

**8:30 a.m. to 11:30 a.m.**

#### **MORNING PRE-CONFERENCE WORKSHOP A**

Registration and continental breakfast will begin at 8:00 a.m. for the morning workshop attendees.

### **Cloud Computing 101: Key Steps For Getting Started, Understanding The Concepts, And Applying Them To Your Organization**

Cloud computing is the concept of leveraging IT assets over the Internet in order to provide more scalable, cost effective, and adaptable services to an organization. However, the concepts behind cloud computing reach much further. Indeed, cloud computing is an evolution of thinking and rethinking around how you create and deploy information systems, and effects the way we approach computing, both on-premise and off. So, how does one get started? What are the basic concepts of cloud computing, and how do I apply them within my enterprise or agency?

You start by understanding. Understanding cloud computing, which this workshop will address, but also understanding your own IT requirements which will indicate where and how cloud computing could be a fit. In this workshop, you will learn the basics of cloud computing, covering the general concepts behind the cloud, as well as common deployment patterns, such as private, public, hybrid, and community clouds. We'll also provide you with the steps you should take when moving to cloud computing, including understanding your own requirements, defining your architecture, selecting cloud computing deployment models, selecting cloud computing providers or technology, and selecting the right services, processes, applications, and data to relocate to cloud computing platforms.

Topics covered include:

1. Introduction to cloud computing:
  - a. Characteristics of cloud computing
  - b. Deployment models
    - i. Private
    - ii. Public
    - iii. Hybrid
    - iv. Community
  - c. Public cloud examples
    - i. Google app engine
    - ii. AWS
    - iii. Azure
  - d. Private cloud example
  - e. Cloud computing and government
2. Business case for cloud computing:
  - a. Cloud computing ROI
  - b. Creating a business case
  - c. Cost metrics
3. Cloud computing and security:
  - a. Emerging best practices
  - b. Cloud computing security standards
  - c. Identity management
4. Cloud computing and governance
5. Steps to the clouds:
  - a. Making the business case for clouds
  - b. Working from your data to the clouds



- c. Working from your services to the clouds
- d. Working from your processes to the clouds
- e. Bringing governance to the clouds
- f. Testing from Service-Oriented Architecture (SOA) to the clouds
- g. Defining candidate data, services, and processes for the clouds
- h. Picking cloud computing platforms

## 6. Conclusions

**WORKSHOP LEADER: David S. Linthicum, Chief Technology Officer with the Bick Group and an internationally recognized industry expert and thought leader**, is the author/co-author of 13 books on computing, including the best selling *Enterprise Application Integration* (Addison Wesley). Dave keynotes at many leading technology conferences on cloud computing, SOA, Web 2.0, and enterprise architecture, and has appeared on a number of TV and radio shows as a computing expert. He is a blogger for InfoWorld, Intelligent Enterprise, and eBizq.net, covering SOA and enterprise computing topics. Dave also has columns in Government Computer News, Cloud Computing Journal, SOA Journal, Align Journal, and is the editor of Virtualization Journal.

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**11:30 a.m. to 1:00 p.m.**

**Lunch on your own**

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**1:00 p.m. to 4:00 p.m.**

## **AFTERNOON PRE-CONFERENCE WORKSHOP B**

### **Cloud Computing 102: Analyzing Which Cloud Deployment Option Is Right For Your Organization And Moving Forward With A Plan**

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Now that you know what cloud computing is -- how do you move forward with an action plan? In this interactive workshop, you will learn:

- The key characteristics of the different cloud deployment options (public, private, hybrid) and how to determine which is right for your organization
- The key services you need to have in place to ensure success in deploying, managing, and scaling an application in a cloud environment
- How to perform an application portfolio assessment to determine which of your applications are best suited for a cloud environment

This session will highlight a cloud services taxonomy, presented to help you understand the role of key cloud services like application management and payment models for your organization. Finally, this session will offer an application portfolio analysis framework presentation. This analysis framework is designed to enable IT organizations in assessing which applications are most appropriate for cloud computing.

**WORKSHOP LEADER: Bernard Golden is called a “cloud guru.” He is CEO of HyperStratus**, a Silicon Valley cloud consulting firm that helps its clients plan, design, and implement cloud initiatives. HyperStratus clients include the Silicon Valley Education Foundation, HelloWallet, Sun Microsystems, and Hewlett-Packard. Bernard is the Cloud Computing Advisor for CIO Magazine. His widely-read CIO.com blog on cloud computing has been called “brilliant and incisive.” His blog's influence was recognized when it was named a “Top 25 Cloud Computing Blog” by CloudTP. He is the author or co-author of three books on virtualization and cloud computing, including *Virtualization for Dummies*, the most popular book on the subject ever published. Bernard is a popular and engaging presenter, speaking throughout the world at conferences like CloudWorld, Cloud Connect, Structure, and EDUCAUSE.

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**8:00 a.m.**

**Registration & Continental Breakfast**

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**8:30 a.m.**



**CHAIRPERSON'S ADDRESS**

**Chairperson's Welcome, Opening Remarks & Presentation:  
Creating Effective Cloud Computing Strategies For Government**

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According to various published reports, the Office of Management and Budget (OMB) will mandate in the fiscal year 2011 that federal agencies not using cloud computing or making cloud computing part of new IT projects must explain why. By fiscal year 2013, the policy will require agencies to provide details and road maps for their plans to adopt cloud-based technologies. So, how do government agencies with real budgetary limitations and real missions adhere to this mandate? What steps should you take to address these requirements as well as the future needs of your agency's IT infrastructure?

Don't worry -- cloud computing is not that scary. The use of cloud computing as an architectural option within your agency should be relatively easy to map. Cloud computing is about leveraging IT assets in more efficient and effective ways, both by leveraging resources outside of the organization that you neither own nor host, and becoming much more effective with your existing resources using the notions of virtualization and private clouds.

After this session, cloud computing will no longer be a mystery as you will learn how to create and implement a cloud computing strategy for your own agency. Specifically, you will hear the latest on:

- Cloud computing, the good, the bad, and the reinvented
- Understanding your own mission and IT requirements, and potential alignment with the clouds
- Defining the business case
- Mapping your cloud computing migration
- Implementing and testing best practices

David S. Linthicum, Chief Technology Officer

**BICK GROUP**

**9:30 a.m.**



**Break-Out Blitz:  
Network And Discuss Cloud Computing Challenges With Your Fellow Conference Attendees**

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This session will open the conversation by connecting you with other conference participants and gain greater understanding into many similar issues, concerns, and challenges that your peers are also facing. Become acquainted with your fellow conference attendees in this fun and fast-paced forum!

**10:00 a.m.**



**Morning Refreshment & Networking Break**

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10:15 a.m.



## How Open Source Is Leading The Charge In Cloud Computing And How It Can Be Implemented In Your Organization

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Open source has played a significant role in IT. Terms like open standards and interoperability are at the forefront of cloud due in part to the open nature of certain organizations, brave enough to give away their source code. Looking ahead the open source community is once again leading the charge with regard to cloud adoption.

Join the top three open source companies in the industry as they discuss open source and how that affects the cloud. From identity to security to authorization they will guide you through the world of cloud computing and how it is changing. Autonomic Resources will be moderating this panel of experts to discuss how they implemented open source technologies for its customer, the federal government.

Gunnar Helleckson, CTO  
**RED HAT**

Boris Devourge, Cloud Strategist  
**CANONICAL**

Moiz Kohari, CTO and VP, Engineering, Service Provider and Cloud Solutions  
**NOVELL**

Cole Crawford, CTO  
**AUTONOMIC RESOURCES**

11:00 a.m.



## How To Use A Secure Cloud Computing (SaaS) Solution To Improve Document Control, Quality Assurance And Partner Collaboration

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With the increasing challenge and complex nature of traffic signal engineering designs, drawings and documentation, Slough Borough Council looked to their Intelligent Traffic Systems design, consultancy and delivery partner, Traffic Solutions Ltd., to formulate a computerized solution to help them deliver improved document control, quality assurance and to take partner collaboration to the next level.

A secure cloud computing (SaaS) solution was deemed a key success factor in delivering the needs of a local government authority that needed to break free of the inhibiting desktop environment. For Slough Borough Council, some of the key deliverables of moving to a SaaS environment were very beneficial.

In this session, you will learn how a SaaS environment can also help your agency:

- Decrease the cost of desktop computer hardware and support
- Lower the investment on complex internal Information & Communication Technology infrastructure
- Minimize internal capital and revenue expenditure budget needs
- Apply single code base aids upgrade/update processes
- Utilize software that can be used remotely and therefore supports home and on-site working
- Simplify access for approved third parties for better collaboration
- Incorporate intuitive software design, keeping frustration and stress down
- Use data that is more secure with a Tier 1 hosting partner
- Have support of greener and more effort-efficient delivery of services

Joe Carter, Head of Traffic Section, Built & Green Environment  
**SLOUGH BOROUGH COUNCIL, ENGLAND**

Alan Matthews, Director  
**TRAFFIC SOLUTIONS LTD.**

**11:45 a.m.**

### **Lunch On Your Own -- But Not Alone!**

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Join a group of your colleagues for lunch with an informal discussion facilitated by one of our expert speakers. Take this opportunity to join others in a small, interactive group setting to network and brainstorm solutions to your most pressing cloud computing concerns.

**1:15 p.m.**



### **Group Exercise: Brainstorm Solutions And New Ideas You Can Use**

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You asked for it, you got it! Interact and discuss solutions to your cloud computing challenges with your fellow attendees and our experienced speakers. You will leave with new tools and hands-on experience and ideas for more successfully applying best practices to your own cloud initiatives.

**1:45 p.m.**



### **Doing More With Less: How To Meet The Obama Administration's Goals For Greater Transparency And Deeper Engagement With The Public Through Hybrid Cloud Architecture**

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Government agencies often have unique computing needs that are currently not met by commercial cloud providers. Nebula is an open-source, built-for-government Hybrid Cloud Computing Platform developed by NASA that enhances the Agency's data-sharing capabilities with the public. Nebula was launched as an open-source pilot project, with the hope that other government agencies could learn from NASA's experience and continue building on cloud technology through open collaboration.

Leave this session with a greater understanding of how a hybrid cloud computing infrastructure can help government agencies to do more with fewer resources and meet the Obama Administration's goals for greater transparency and deeper engagement with the public.

Specifically, you will come away with a clear picture of:

- The unique challenges that government agencies face when wanting to implement cloud solutions
- How NASA chose to address these challenges by implementing the Nebula Cloud Computing Platform
- How other agencies may benefit from this experience

Chris C. Kemp, Chief Information Officer  
**NASA AMES RESEARCH CENTER**

**2:30 p.m.**

### **Legal Issues In The Cloud: Avoiding Legal Problems When Moving To A Cloud Computing Vendor**

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Transferring part or all of your department's computing needs to the cloud will raise a host of new legal concerns. It is very likely that your organization's standard forms do not fit the business model and risks inherent in dealing with "Infrastructure as a Service" or "Software as a Service." Your organization's lawyers will have little or no experience in negotiating against cloud computing vendors. As a result, you have to be prepared to identify the legal issues which are critical to your organization.

In this session, you will learn from one of the nation's leading technology law attorneys about the most critical issues to identify before negotiations begin with a cloud computing vendor. The service contract is only the beginning. You will also find out how legal issues relating to privacy, data security and discovery in litigation are all impacted by your organization's move to cloud computing.

You will come away able to spot critical issues in the following areas:

- Creating and identifying performance and reliability standards in cloud computing contracts
- Locking in quality of service and pricing in cloud computing contracts
- Compliance with local, national and international law on data privacy
- Planning for electronic discovery in the "cloud" when your department is involved in litigation

Peter Brown, National Leader Technology Law Practice  
**BAKER & HOSTETLER LLP**

3:15 p.m.



### **Afternoon Refreshment & Networking Break**

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3:30 p.m.



### **PANEL DISCUSSION**

#### **How To Manage The Complexities Of Cloud Security And Privacy**

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Planning for broad Federal adoption of cloud computing initiatives has shown steady progress through the actions of the Cloud Computing Advisory Council's Security Working Group (CCAC-SWG). This organization has taken positive steps towards detailing approaches to manage the complexities around security and privacy concerns. They have been developing strategy and implementation models that take into consideration unique requirements in security assurance compliance Federal Information Security Management Act (FISMA) as well as more granular topics such as: data segregation and protection, access control and encryption, identity assurance and management, and legal and contracting concerns.

This panel will discuss the work that's been accomplished to date, future directions, and approaches towards resolving unique requirements. Hear from the Department of Energy and the Department of Health and Human Services as they explain the challenges inhibiting widespread adoption of cloud computing. You will see how cloud computing requires a mixture of traditional and creative approaches, for example, how:

- The CCAC Governance plans include defining responsibilities for a "central certifying agency" - what shifts from the local agency to the centralized agency?
- Certification and Accreditation responsibilities can efficiently align with agency internal operation impacts, such as development life cycle, layered or add-on components, and risk management

While some underlying principles are intended to be more stationary and fixed in nature, you will leave with a greater understanding of why others will require flexibility based upon dynamic influences such as:

- The impact of changeable security control models:
  - Industry specific security control tailoring
  - Trends towards intersecting security frameworks where federal to non-federal interoperability and data sharing is rising
- Instantaneous characterization of an Agency's security posture by adopting new FISMA style metrics and measures

Peter Tseronis, Senior Advisor, Chair of the Cloud Computing Advisory Council's Security Working Group  
**U.S. DEPARTMENT OF ENERGY**

Henry Chao, Chief Technology Officer, Centers for Medicare & Medicaid Services, Office of Information Services  
[U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES](#)

Ashley Corbin, PhD, Director, Research, Innovation and Standards Division, Centers for Medicare & Medicaid Services  
[U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES](#)

4:15 p.m.



### [Leveraging Cloud Computing To Improve Your Application Reliability And Scalability](#)

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The Silicon Valley Education Foundation (SVEF) needed to improve infrastructure robustness for its flagship application, Lessonopoly. Unfortunately, budget restrictions precluded additional investment in hardware, networking, and storage. As a result, it turned to cloud computing to improve application reliability and scalability.

This session will discuss how SVEF leveraged cloud computing and addressed application deployment topology, scalability, and how SVEF responded to the unique collaboration opportunity with NBC regarding the Winter Olympics. Included in the presentation will be a detailed discussion of the TCO results of SVEF's move to the cloud.

Muhammed Chaudhry, President & CEO  
[SILICON VALLEY EDUCATION FOUNDATION](#)

Bernard Golden, CEO  
[HYPERSTRATUS](#)

5:00 p.m.

### [Chairpersons' Recap: Key Takeaways And What To Do When You Get Back To The Office](#)

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We'll recap the highlights and ask you to share key insights and next steps with the group.

David Linthicum, Chief Technology Officer  
[BICK GROUP](#)

5:10 p.m.

### [Close Of General Session](#)

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5:15 p.m.



### [Networking Reception: Please Join Us!](#)

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We invite you to join us for a drink as you relax with your peers. All conference attendees and speakers are welcome to join us for this special opportunity to continue networking. Don't miss this chance to benchmark new ideas over complimentary drinks!

6:30 p.m.



### [Dine Around](#)

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Sign up during the day for dinner with a group. Take advantage of DC's fine dining while you continue to network with your colleagues.

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## POST-CONFERENCE WORKSHOPS: Wednesday, June 9, 2010

### INTERACTIVE POST-CONFERENCE WORKSHOPS

These interactive workshops are designed to take your conference experience to the next level. Post-conference workshops allow you to take the information you gained from the general session, and identify and focus on your individual needs and applications. Make the most out of this conference by attending these highly interactive, practical, hands-on sessions. Space is limited to ensure interactivity!

### Choose C or D or BOTH for Maximum Value and Learning

8:30 a.m. to 11:30 a.m.

#### MORNING POST-CONFERENCE WORKSHOP C

Continental breakfast will be provided at 8:00 a.m. for the morning workshop attendees.

#### Securing A Cloud Environment: Overcoming The Challenges

Cloud computing can be a cost-effective, efficient way to backup data and network. But can it also benefit you in a security environment? Learn what is involved in a cloud environment, and how to truly make it work for your security needs.

In this workshop, Govplace will address how to effectively use cloud computing, and address the pros and cons of implementation by covering the following key issues and steps:

- 3 delivery methods and deployment models of a cloud security environment
- Benefits and risk factors of using cloud computing for backup and storage
- IT security habits
- Setting expectations of cloud security
- The policy landscape of a cloud environment
- How do you manage risk?

**WORKSHOP LEADER: Dan Smith manages the Program Management and Systems Engineering functions of Govplace's Federal Professional Services organization**, which has a focus on Performance-Based Contracting, Enterprise Program Management, Security & Information Assurance, and COTS Infrastructure Integration. Mr. Smith has been designing and integrating enterprise IT solutions exclusively for the public sector for more than 10 years. He has experience with a broad range of enterprise IT applications, technologies, and integration approaches. He holds extensive expertise around Infrastructure as a Service, data center server and storage architectures, enterprise IT consolidation, and application-specific IT infrastructures. He has supported numerous clients in consolidation efforts, which have resulted in significant cost savings to the government and delivered increased operational efficiencies. Mr. Smith also holds a wide variety of architect-level IT certifications and qualifications with many leading IT developers and manufacturers.

11:30 a.m. to 1:00 p.m.

**Lunch on your own**

1:00 p.m. to 4:00 p.m.

## AFTERNOON POST-CONFERENCE WORKSHOP D

### Optimizing The Cloud To Empower Your Message Archive

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Each of the hundred billion emails, IMs and documents created every day need to be preserved for some period of time. Yet, IT managers who struggle to manage overflowing in-boxes and maxed-out email servers are about to be hit with another data explosion.

Enterprises are implementing new collaboration systems (Sharepoint, GDocs, ZoHo) for document sharing, which means employees will have more options beyond email to collaborate internally with each other and externally with customers, vendors, friends and family. These new capabilities create growing “shards of content” or data silos in the enterprise that need to be captured and archived for compliance, e-discovery, storage management and universal information governance best practices. So, how can this be done?

In this session, you will learn how to:

- Move your organization toward the most cost-effective and reliable solution of message archiving
- Implement a centralized archiving service powered by cloud-scale infrastructure as a service
- Determine where your organization will host and process your data: on premise in their own data center, in the cloud, or a hybrid IT mixture

Cloud computing can be harnessed in a safe, secure, reliable way to become a virtual extension of an enterprise’s own data center, which allows the IT decision maker to save money and time by leveraging the cloud’s “pay as you go” model for on-demand virtual CPU and hosted storage with 99.999% resiliency.

Finally, just as mainframes gave way to mini-computers and mini-computers to the personal computer, cloud computing promises to usher in a new wave of computing that will change the way your organization works. Moving your email archive to the cloud is a great way to join the cloud computing revolution.

**WORKSHOP LEADER: Greg Arnette is the Founder and CTO of Sonian.** For more than 15 years, Greg has helped leading corporations develop and manage their messaging systems. Since starting up Sonian in 2006, Greg has been responsible for product vision, technical innovation, and engineering leadership for the Sonian cloud-powered email archiving and e-discovery service. Prior to starting Sonian, Greg was founder and CTO for IntelliReach Corporation, a pioneer in integrated messaging management products and services, which was purchased by Infocrossing in 2006. Before that, he created messaging products and services for AlertWare, which was acquired by Netpro. Greg has a BA/BS from the University of Massachusetts, Amherst.

### SUPPORTING ORGANIZATIONS:



**The Distributed Computing Industry Association (DCIA)** is a global trade organization representing all sectors of this rapidly emerging industry. This includes software developers and distributors, content providers, and Internet service providers (ISPs). Distributed computing now spans an impressive range of dynamic web-based software applications and services ranging from file sharing to P2P downloading and streaming to cloud computing.

The DCIA is engaged in developing standards-and-practices to advance this innovative consumer-based distribution channel. It offers a number of working groups focused on addressing specific industry issues. The trade association also offers essential resources in government relations, best practices, consumer research, and member services.

For more information, please go to: <http://www.dcia.info>





**GovLoop.com** is the social network developed by and for the government community. As featured in the Washington Post and Federal Times, the site is the true "Facebook for Government" and currently connects over 14,000+ federal, state, and local government employees.

For more information, please go to [www.govloop.com](http://www.govloop.com).

**VENUE AND LODGING:**

**ALL CONFERENCE SESSIONS WILL BE HELD AT:**

**To Be Determined Shortly**

**For more information, please contact the Advanced Learning Institute directly at (773) 695-9400, x1.**

Join us in Washington, DC, for A.L.I.'s Premiere Government Training on "Cloud Computing For Government: How To Cut Costs And Create A More Efficient, Scalable And Secure IT Infrastructure" conference and enjoy this wonderful city's restaurants, shopping, attractions and nightlife.

For more information, discounts and maps for your visit to Washington, DC, please go to: [www.washington.org](http://www.washington.org).



*Photo courtesy of WCTC*

**REGISTRATION FEES:**

The following are included in your conference registration: attendance, a detailed conference workbook and any additional meeting materials, continental breakfasts, morning & afternoon refreshments, and evening networking reception.

<b>Group Discount: Register 3 colleagues and the 4th is FREE!</b>	<b>Earlybird Pricing: Register with payment by April 9<sup>th</sup></b>	<b>Regular Pricing: Register with payment after April 9<sup>th</sup></b>
Conference Only (June 8 <sup>th</sup> )	\$899	\$999
Conference Plus <b>One</b> Workshop	\$1,299	\$1,399
Conference Plus <b>Two</b> Workshops	\$1,599	\$1,699
Conference Plus <b>Three</b> Workshops	\$1,799	\$1,899
Conference Plus <b>All Four</b> Workshops	<b>\$1,899 BEST VALUE!</b>	\$1,999
Conference Workbook Only	\$199.00* + \$20.00 S&H	
*IL residents will be charged 9.75% sales tax on workbook orders.		

**Payment is due two weeks prior to the conference. If payment has not been received two weeks before the conference, a credit-card, training form, or purchase order hold will be taken to ensure your space.**

**SPONSORSHIP & EXHIBIT OPPORTUNITIES ARE AVAILABLE:**

This conference provides an excellent opportunity to market your products and services to a targeted government IT audience. Space is limited, so please call Kelly at (773) 695-9400 x18, for more information.

## GROUP DISCOUNTS:

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Four or more attendees, registering together, enjoy a savings of at least \$899! **Register three attendees and the fourth registrant is FREE! That's a 25% savings off each registration.** Note to small departments—register together with your colleagues from another agency and receive the same group discount. The free registrant must be of equal or lesser value.

## A.L.I. FREQUENT ATTENDEE DISCOUNT:

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Earn conference attendance bonuses as you benchmark with other organizations. For every A.L.I. conference attended, receive a **\$200 discount** off your next A.L.I. conference. Also, you will receive special bonuses and perks reserved only for A.L.I. frequent attendees.

## PROGRAM CHANGES:

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A.L.I. reserves the right to make changes in programs and speakers, or to cancel programs if enrollment criteria are not met or when conditions beyond its control prevail. Every effort will be made to contact each enrollee if a program is canceled. If a program is not held for any reason, A.L.I.'s liability is limited to the refund of the program fee only.

## CANCELLATION POLICY:

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You may make substitutions at any time; please notify us as soon as possible. If you cancel (in writing) more than two weeks prior to the conference (before May 24<sup>th</sup>) a \$150 service fee will be charged and a credit memo will be sent reflective of that amount, which can be used for a future A.L.I. conference. Registered delegates who do not attend or who cancel two weeks prior to the conference or less (on or after May 24<sup>th</sup>) are liable for the entire fee. A credit memo will be issued which can be used for a future A.L.I. conference by anyone in your organization.

## ABOUT THE ADVANCED LEARNING INSTITUTE:

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The Advanced Learning Institute's mission is to help executives build strong personal relationships, expand their business knowledge of cutting-edge trends, and find proven solutions to a wide range of strategic management problems.

Our forums bring together industry leaders and experts to share valuable, real-world experiences, and best practices on how to meet tomorrow's management challenges. The Advanced Learning Institute's focus is on delivering high-quality programs, which consistently meet the needs of our customers. Our conferences serve a broad range of specialized industries and functions, including:

**Government · Technology**  
**Performance Measurement · Strategic Planning**  
**Human Resources · Health Care**  
**Brand Management · Marketing**  
**Biometrics · e-Commerce · Communications**

## WE GUARANTEE RESULTS:

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The Advanced Learning Institute has been successfully providing senior executives with forums to share practical experiences and solutions to a variety of organizational challenges. We are so confident you'll benefit from the innovative strategies shared during this conference that we'll guarantee it! If you follow the advice of our speakers, and you don't improve efficiency valued at the cost of your registration fee, then we'll send you a full credit to be used for another event.

**A Few Of Our Past Attendees Include Representatives From These Leading Organizations:**

- U.S. Postal Service
- FDA
- Department of Labor
- District of Columbia
- Central Intelligence Agency
- Office of Naval Intelligence
- Department of State
- Marine Corps
- Office of Personnel Management
- U.S. Mint
- City of Atlanta, GA
- Department of the Interior
- General Services Administration
- Fairfax County Government
- Department of Transportation
- CDC
- Forest Service
- Sarasota County, FL
- Environmental Protection Agency
- U.S. Army
- IRS
- Census Bureau
- Patent and Trademark Office
- FAA
- City of Chicago, IL
- Department of Justice
- FBI
- U.S. Government Printing Office
- Commonwealth of Virginia
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- World Bank
- Louisiana Department of State and Civil Service
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- Court Services and Offender Supervision Agency
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- FEMA
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- Bureau of Reclamation
- Pentagon Renovation
- Office of the Governor, Washington
- American Institutes for Research
- USAID
- NOAA
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Mail to: Advanced Learning Institute, 8600 W. Bryn Mawr Ave., Suite 920-N, Chicago, IL 60631

**Registration Form** *Please photocopy for group members.*

Yes, I'd like to register for the June 2010 Cloud Computing for Government conference in Washington, DC

**Please check:** E-mail Priority Code: \_\_\_\_\_ Amount Due: \_\_\_\_\_

Conference Only

Conference Plus Workshop(s):

- Pre-Conference Morning Workshop A: Cloud Computing 101: Key Steps For Getting Started, Understanding The Concepts, And Applying Them To Your Organization
- Pre-Conference Afternoon Workshop B: Cloud Computing 102: Analyzing Which Cloud Deployment Option Is Right For Your Organization And Moving Forward With A Plan
- Post-Conference Morning Workshop C: Securing A Cloud Environment: Overcoming The Challenges
- Post-Conference Afternoon Workshop D: Optimizing The Cloud To Empower Your Message Archive

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