

Global Forum

Session Four

GOVERNMENTS AND GLOBAL SINGLE MARKET

Understanding Digital Boundaries



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and
Rutgers University

Underlying Needs & Assurances

- Authenticate identity
- Protect identity
- Protect data
- Safeguard online transactions
- Provide better citizen services and engagement
- Follow the citizen & technology
- States and Nations must share and cooperate
- Recognize implications of "cyber borders"



A View of the U.S.

A weak history of sharing.....

- 89,746 units of government
- 3,033 counties
- 19,492 municipalities (cities)
- 16,519 towns or townships
- 37,381 special districts
- 50 states



What has Changed?

- Post 911 wake-up (intelligence gathering & sharing)
- Growing need to validate citizen's identity
- Advances in consumerization of technology
- Explosion of broadband availability & adoption
- Dramatic growth in mobile devices
- Shift from eGovernment to mGovernment
- Shift focus to include “cyber borders”



What has Changed? (Cont'd)

- President Obama champions: Transparency, Citizen Engagement, greater web-based communications and apps, cloud computing, IT modernization.
- Renewed focus on border control, passport control, and drivers licenses.
- Increased threats in network & cyber security.
- Greater pressure to do more with less.
- States and localities have formed new collaboration models.
- Increased mobility of citizens.



Elements of Identity

- Certificate of Birth
- Social Security number
- Drivers license
- Passport
- Voter registration card
- Fingerprints
- Retinal display





Thought: In the future,
might every citizen
have his/her own
personal IP Address as
a universal ID?



PCWorld » Security

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United States to Require RFID Chips in Passports

State Department says controversial chips enhance security.

By Grant Gross, IDG News Oct 26, 2005 5:00 pm

WASHINGTON -- By October 2006, the U.S. government will require nearly all of the passports it issues to include a [computer chip](#) containing the passport holder's personal information, according to regulations published this week.

Real ID and Getting Real....





Full title To establish and rapidly implement regulations for State driver's license and identification document security standards, to prevent terrorists from abusing the asylum laws of the United States, to unify terrorism-related grounds for inadmissibility and removal, and to ensure expeditious construction of the San Diego border fence.

Effective May 11, 2008^[1] (original);
January 15, 2013^[2] (current)




U.S. Government Resources & Information

 An Official Website of the United States Government

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IDManagement.GOV

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**ICAM**
Identity, Credential, & Access Management

1 2 3 4

Identity, Credential and Access Management

The goal is a consolidated approach for all government-wide identity, credential and access management activities to ensure alignment, clarity, and interoperability.

Critical Links For Identity Management

- **Latest Developments**
New and updated guidance within the Identity Management arena.
[Learn More about Identity Management >](#)
- **Government Smart Card Interagency Advisory Board (IAB)**
The IAB welcomes Federal partners, members of the vendor community, and any non-Federal government agencies that share the goal of federated and interoperable credentials.
[Go To IAB page >](#)
- **FIPS 201 Evaluation Program**
Determines if a product/service defined by FIPS 201 documentation complies with mandated requirements and for use by agencies in the acquisition of FIPS 201 products/services.

Search IDManagement.gov
 [GO >](#)

Calendar

- 11/01 09:00 AM
IAB meeting
- 11/03 09:30 AM
CPWG meeting
- 11/08 09:30 AM
FPKIPA meeting
- 11/15 09:00 AM
CPWG meeting

[Full Calendar >](#)

News

- October 06, 2011
[Identity Management's Day Has Come](#)
- October 04, 2011
[GAO releases report on PIV Card implementation](#)
- September 17, 2011
[Call It Your Online Driver's License](#)



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Identity Management's Day Has Come

For years identity management has been like the weather, IT pros might talk about it, but they've never done anything about it. That's finally changing.

By [Art Wittmann](#) InformationWeek
October 06, 2011 11:42 AM

In an age where SaaS is assumed to be part and parcel of IT services, and users are coming into the network on a variety of devices and from different locations, identity management has finally become a sharp enough pain point to get the attention of IT planners. At least that seems to be the feeling at the Interop New York conference happening this week.



Wednesday's three keynote presenters, including the CIO of New York city, a top cloud evangelist for Microsoft, and Cisco's mobility chief all included at least some discussion of identity management in their presentations.

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- CA Interactive IT Executive Series:
Application Lifecycle Management

It's not hard to see why. IT pros are users too, and they're no better at remembering dozens of user names and passwords than anyone else. If for some reason they don't feel it personally, a simple glance at the top helpdesk issues in almost any organization will bring the problem into focus.

But the job of actually fixing the problem has historically been

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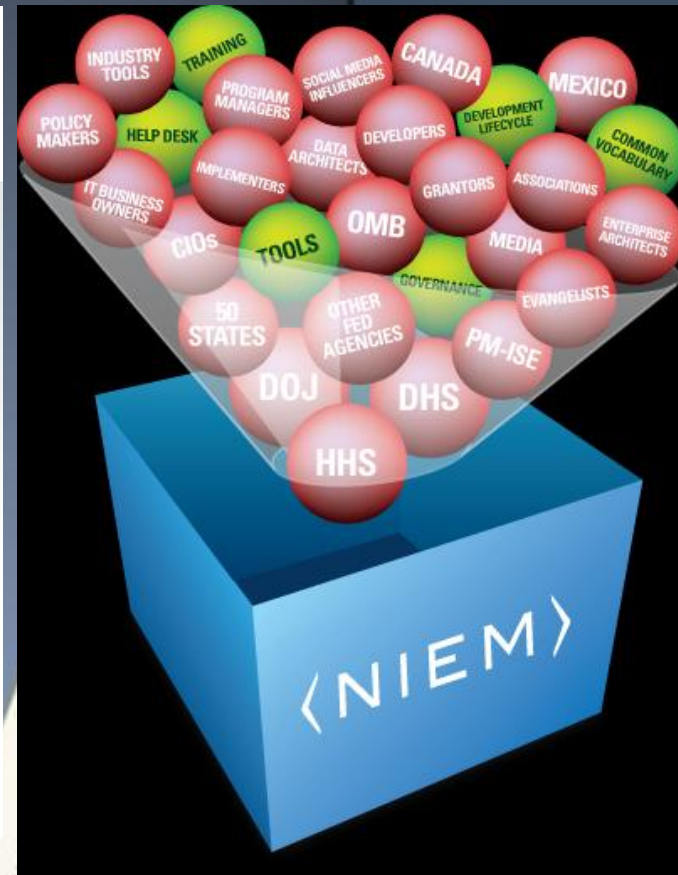
New Cross-Agency Areas of Focus

- Identity management
- Fraud prevention through shared databases
- Health record mobility for citizens
- Prescription drug abuse (NEMES)
- Emergency planning
- GIS databases



The U.S. Turns to NIEM

The screenshot shows the NIEM website homepage. At the top is the NIEM logo with the tagline "NATIONAL INFORMATION EXCHANGE MODEL". Navigation links include "New to NIEM? Register here or Login", "Glossary", "FAQs", "Contact Us", and "Advanced Search". A search bar is present with the text "Search NIEM.gov". Below the navigation bar is a "NIEM for YOU:" dropdown menu and a row of buttons: "Learn ABOUT NIEM", "Connect WITH NIEM", "Find AN IEPD", "Create AN IEPD", "Train WITH NIEM", "Get Help FROM EXPERTS", and "Access Tools". The main content area features a "For Government" section with a photo of five diverse professionals. Text in this section states: "Federal, state, local, tribal, and international governments are using NIEM to increase governmental efficiency, make critical data more accessible, and improve citizens' lives." Below this is a quote from Richard Spire, Chief Information Officer of the Department of Homeland Security, dated August 15, 2011. A "Resources" section lists a "Fed CIO Assessment Report Memo". On the right side, there is a "Join Our Network" section and a "Questions about NIEM?" link. A sidebar menu lists categories: "For Government", "Federal", "State & Local", "Tribal", "International", "Guidance for Grantees", "News", and "Resource Database". A "Popular Discussions" section at the bottom right mentions "Greetings Program Managers".





M-Government

MOBILE TECHNOLOGIES FOR RESPONSIVE
GOVERNMENTS AND CONNECTED SOCIETIES



Types of *New E* and M-Services

- ✓ Public safety
- ✓ Public works
- ✓ eCommerce
- ✓ Bill Paying
- ✓ Forms
- ✓ GIS mapping
- ✓ Transportation/Traffic
- ✓ Economic development
- ✓ Location-based services
- ✓ 911/311
- ✓ Crime reporting



Elements of mGovernment

- Accessibility
- Availability
- Responsiveness
- Quality & efficiency
- Scalability
- Citizen Satisfaction/trust



Elements of mGovernment

- Requirement for privacy and security concerns.
- Online protections across all platforms.
 - PCI compliance (or equivalent)
 - Identity management & protection
 - Network security
 - Multi-platform support & stability



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Indians use cellphones to plug holes in governance



Rama Lakshmi/Washington Post - Shafique Khan, right, demonstrates to Ghisi Lal Varma, center, a 61-year old farmer, a new grievance reporting service to use for sending complaints via text message to the government about problems in the village.





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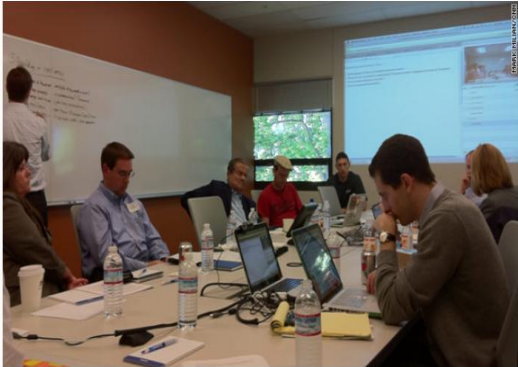
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Facebook assembles group to plan for disasters

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 By **Mark Milian**, CNN
June 8, 2011 6:41 p.m. EDT | Filed under: [Social Media](#)



Disaster-relief organizations and government officials gathered at Facebook's offices to discuss how the website can help.

STORY HIGHLIGHTS [Polsky: California \(CNN\)](#) Facebook is already adept at handling

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98 billion apps to be downloaded in 2015, study says



by Don Reisinger | October 7, 2011 8:47 AM PDT

Mobile application downloads are set to explode in the coming years, a new study from analyst firm Berg Insight has found.

According to the firm, total app downloads in 2015 will reach 98 billion. If they hit that figure, the firm [says](#), the compound annual growth rate of downloads between 2010 and 2015 will be 56.6 percent.

Berg is far more bullish on the future of mobile apps than In-Stat. That research firm said earlier this year that it believes mobile app downloads [will reach 48](#)



On-Going Needs....

1. Strengthen & share citizen identification databases.
2. Greater cooperation among States and Nations.
3. Enhanced public sector performance & governance.
4. Protect against *anonymous* postings.
5. Create safeguards against *identity theft*.
6. Empowerment for digitally deprived citizens.
7. Safeguarding of data.
8. Innovation in service delivery.



The Road Ahead.....

1. Greatest challenges will focus on culture and governance – not IT.
2. Increased citizen mistrust and unrest.
3. Greater need to manage citizen expectations and restore trust.
4. Web.2.0 and the power of social/civic networking – “cyber borders” are far-reaching.
5. The need for greater inter-state and global cooperation.





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