

Interagency Advisory Board

Meeting Agenda, Wednesday, December 7, 2011

1. **Opening Remarks** (*Mr. Tim Baldrige, IAB Chair*)
2. **FIPS 201-2 Goes Mobile** (*Bill MacGregor, NIST*)
3. **Logon to Google Apps Using NASA Issued PIV** (*Tim Baldrige, NASA, IAB Chair*)
4. **Implementing PKE for JPAS** (*Maxwell Funk and Autumn Crawford-Grijalva, DoD*)
5. **Provisioning PACS using the GAMS** (*Bill Lin, GSA*)
6. **Closing Remarks** (*Mr. Tim Baldrige, IAB Chair*)



NASA Federal PIV Credential Teams up with Google Apps

Office of the Chief Information Officer

*NASA IT Vision: The NASA IT Organization is the **very best** in government*

Tim Baldrige

ICAM

December 7, 2011



- NASA IT Labs, a part of the Office of the Chief Information Officer, sponsored the move to work with Google because the demand from workers today is to be able to access resources anywhere, anytime on any device.
- About 600 IT trailblazers from 11 NASA centers and facilities are participating in the pilot using Google Apps.
- Under the pilot, NASA users are able to connect to Google Apps for Government using their existing NASA credentials or Personal Identity Verification (PIV) smart card.

- Google Apps for Government – (SaaS)
 - » a suite of Google applications
 - Documents
 - Sites
 - Groups
 - Contacts
 - » Also available – but not part of NASA pilot
 - Email
 - Calendaring
- NASA Access Launchpad



Google Apps Pilot at NASA



OCIO - Windows Internet Explorer

https://sites.google.com/a/nasa.gov/ocio/home

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Office of the Chief Information Officer

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Pilot Overview

NASA created the Office of the Chief Technology Officer for IT (CTO-IT) to help the NASA community rapidly identify and deploy cutting-edge technology that provides business value to the Agency. Each year, the CTO-IT's Technology and Innovation Division (IT Labs) sponsors innovative projects that test how well emerging IT products and services perform within the Agency's unique organizational environment.

This year, IT Labs sponsored a Google Apps for Government prototype and determined that, in addition to providing a secure, cloud-based collaboration environment, it demonstrates both strong viability and high value as an Agency service offering. IT Labs is now teaming with End-User Services to offer a "Google Apps for Government" pilot through January 19, 2011. [Learn more.](#)

Recent Announcements

Get ready, Houston! Johnson Space Center is hosting an in-person question and answer session with Google experts on Tuesday, December 6. Join us in the Building-30 auditorium at 9 a.m. ...
Posted Dec 2, 2011 11:44 AM by Meredith Mengel

Welcome and Thank You! First, I would like to thank each of you for your participation in the Google Apps pilot. This effort is the first of what I hope will be many pilot ...
Posted Oct 19, 2011 8:03 AM by Julie Wodrich

Authentication Change for NASA-Google Apps Environment We are now using the NASA Access Launchpad - sandbox for authentication, enabling simplified sign-on for the NASA-Google Apps environment. Available authentication methods include: NASA Badge PIV card logon ...
Posted Nov 22, 2011 6:42 AM by Meredith Mengel

Tips & Tricks

Want to know when there are changes to a Google Sites page? It's easy! Simply navigate to the page, click the "More" button (upper right), then click "Subscribe to page changes" (next to the envelope icon). That's all there is to it, and you'll receive an e-mail whenever the page is updated.

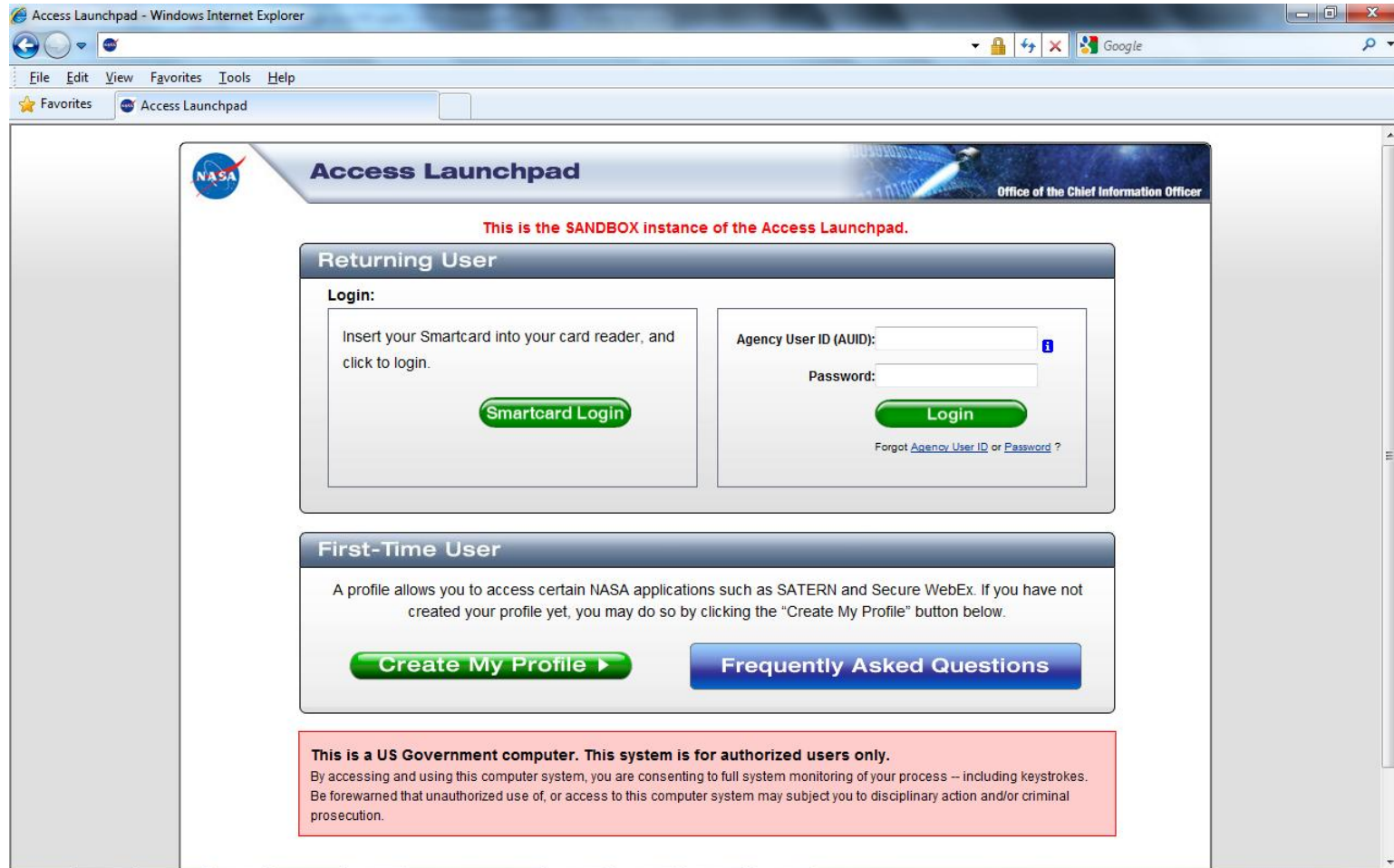
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Access Launchpad - Windows Internet Explorer

Access Launchpad

Access Launchpad Office of the Chief Information Officer

This is the **SANDBOX** instance of the Access Launchpad.

Returning User

Login:

Insert your Smartcard into your card reader, and click to login.

Smartcard Login

Agency User ID (AUID):

Password:

Login

Forgot [Agency User ID](#) or [Password](#) ?

First-Time User

A profile allows you to access certain NASA applications such as SATERN and Secure WebEx. If you have not created your profile yet, you may do so by clicking the "Create My Profile" button below.

Create My Profile **Frequently Asked Questions**

This is a US Government computer. This system is for authorized users only.
By accessing and using this computer system, you are consenting to full system monitoring of your process -- including keystrokes. Be forewarned that unauthorized use of, or access to this computer system may subject you to disciplinary action and/or criminal prosecution.

- Google Apps for Government
 - » Is a SAML 2.0 capable Software as a Service Offering
- NASA Access Launchpad
 - » Is a NASA Secure Token Service Credential Verifier
 - Supports SAML 2.0 and OpenID assertions
 - Supports Level of Assurance (LOA)
 - Determined by Application
 - User Name & Password (up to LOA 2)
 - One Time Password (up to LOA 3)
 - PIV Smartcard (up to LOA 4)

How is it done?

- Simple as 1, 2, 3
 1. An Access Control Specification is configured on NASA Access Launchpad for Google Apps
 2. The Google Apps for Government NASA Pilot administrator configures three URLs and imports the NASA Access Launchpad assertion signing certificate
 3. Now tens of thousands of NASA IDs are available for authentication at Google Apps for the Government NASA site.

- This shows that the Federal ICAM segment architecture directly supports, with currently available technology, strong two-factor authentication to the Cloud using PIV.
- By demonstrating this capability with an established Cloud SaaS commercial provider the path forward for secure access to the Cloud is now clear.
- Simply stated the Cloud is PIV capable.