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**FDsys**  
an integrated digital content management system

# U.S. Government Printing Office

## FDsys Content Authentication

**AALL Authentication Summit**

April 21, 2007

# GPO Mission

- To provide the three branches of the Federal Government with expert publishing and printing services.
- To provide perpetual, free, and ready public access to the printed and electronic information published by the Federal Government, in partnership with Federal Depository Libraries.
- To distribute, on a cost recovery basis, printed and electronic copies of information published by the Federal Government.

# Challenges to meeting the Mission

- Access to government published information is now widely expected to be electronic.
- Digital information needs to be authentic and verified to be the correct version.
- Digital information needs to be available for access almost immediately.
- Information needs to be preserved, making it available for generations to come.

## Content-centric Solution – FDsys

- FDsys will automate the collection and dissemination of electronic information from all three branches of government.
- Information will be:
  - permanently available in electronic format
  - authenticated and versioned
  - accessible for Web searching, viewing, downloading and printing
  - available for conventional and on-demand printing

## FDsys and Document Authentication

- How can a user be sure that the document they have is the one intended?
  - Need a process to verify electronic document attribution and integrity
- FDsys will use content authentication methods to ensure the following:
  - Content has been approved by, contributed by, or harvested from an official source; and
  - Content has been verified by GPO to be complete and unaltered

# FDsys Authentication Workflow

- Content Originator (CO) deposits content with FDsys
  - FDsys authenticates user based on user role
  - CO enters metadata and deposits content
  - Content is digitally signed
- End User downloads content from FDsys
  - Integrity mark conveyed and displayed with content
  - Signature properties available for viewing
  - Provenance information available for viewing

## Additional Information

Program documentation is available on the GPO website:

**[www.gpo.gov/projects/fdsys.htm](http://www.gpo.gov/projects/fdsys.htm)**