

Digital Content Solutions & Digital Signature Application

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& Technology

Digital Content Solutions – What is it?

- GPO's Shared Solution for Management, Preservation, Authentication, and Access of Federal Digital Information
- The comprehensive solution for information delivery used by Congress, the White House, and the Federal Judiciary for official electronic publications is available to your agency.

Digital Content Solutions – What is included?

- Content management
- Long-term bit-level preservation in GPO's standards-compliant preservation repository
- Digital signature application to PDF files
- Free public access on govinfo

Content Management

Challenge

- Large amounts of content
- Unauthorized access to content
- Manual processing time

Solution

- Content is securely stored and organized in our robust content management system
- Automated processing for applying digital signatures and generating metadata

Long-Term Preservation

Challenge

- Technical failure
- Aging hardware
- User errors
- Obsolete file formats (e.g. Word Perfect files)
- Changes in technology (e.g. VHS to DVD to streaming)

*GPO is preparing to be audited for certification as a Trustworthy Digital Repository under ISO 16363.

Solution

- GPO's preservation practices ensure content will be available for generations to come.
- GPO's limited-access standards-compliant preservation repository.
- Regular backups and GPO's Continuity of Operations (COOP) disaster recovery instance.

Digital Signature Technology

Challenge

- Ensuring end users that documents have not been altered
- Trusted chain of custody
- Ensuring authenticity

Solution

- Digital signatures assure end users that published content is official, complete, and unaltered since being disseminated by GPO.

Public Access Website

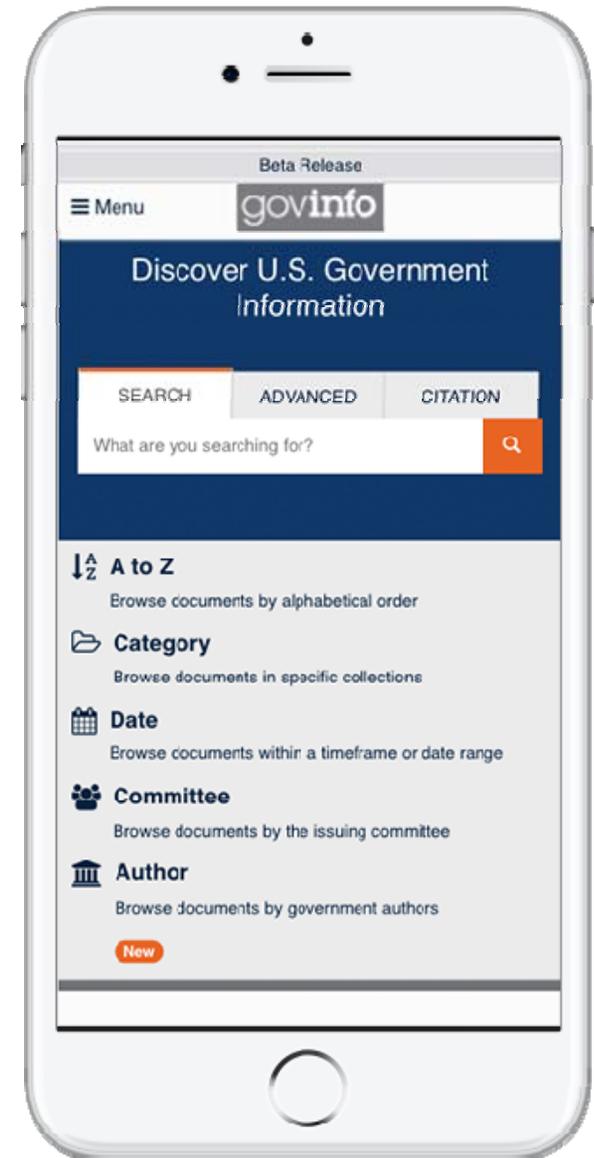
www.govinfo.gov Beta

Challenge

- Searching and finding information
- Display and presentation
- User experience

Solution

- Extensive metadata creation combined with new open source search engine ensures highest quality search



Digital Content Solutions – What does it cost?

- Varies based on type of publications and display requirements
- On average starts at \$5,000

Success Story

The screenshot shows a web browser window with the URL <https://www.govinfo.gov/browse/nist>. The page title is "National Institute of Standards and Technology (NIST) Publications". The page content includes a navigation menu with "Browse", "About", "Developers", "Features", "Help", and "Feedback". A "Beta Release" banner is visible in the top left corner. The main heading is "National Institute of Standards and Technology (NIST) Publications" with a "Share" button. Below this is a section titled "About National Institute of Standards and Technology (NIST) Publications" which includes the NIST logo and a paragraph describing the agency's mission. A search link is provided: "Search within all NIST publications". The "Browse National Institute of Standards and Technology (NIST) Publications" section lists four publication series:

- [NBS Building and Housing, 1922-1931](#)
This series disseminates technical information developed at NIST on building materials, components, systems, and whole structures. The series presents research results, test methods, and performance criteria related to the structural and environmental functions and the durability and safety characteristics of building elements and systems.
- [NBS Building and Materials Structures, 1938-1959](#)
This series disseminates technical information developed at NIST on building materials, components, systems, and whole structures. The series presents research results, test methods, and performance criteria related to the structural and environmental functions and the durability and safety characteristics of building elements and systems.
- [NBS/NIST Building Science Series, 1968-2009](#)
This series disseminates technical information developed at NIST on building materials, components, systems, and whole structures. The series presents research results, test methods, and performance criteria related to the structural and environmental functions and the durability and safety characteristics of building elements and systems.
- [NBS Commercial Standards Monthly, 1925-1933](#)
The Commercial Standards Monthly periodical was a review of progress in commercial simplification and standardization. It covered the national movement initiated by President Herbert Hoover for the reduction of needless sizes and varieties of products and the promotion of voluntary commercial standardization by industry.

The screenshot shows a web browser window with the URL <https://www.govinfo.gov/app/#contentDetails?packageId=GOVPUB-C13-cf249482dfb8d92>. The page features a navigation menu with links for Browse, About, Developers, Features, Help, and Feedback. A search bar is present with tabs for SEARCH, ADVANCED, and CITATION. The main content area is titled "Content Details" and displays the following information:

Download

- PDF
- MODS
- PREMIS
- ZIP

Actions

- CGP Record
- Share

Content Details
Extreme distribution tails a 'peaks over threshold' approach

Summary | Document in Context

Publication Title	Extreme distribution tails a 'peaks over threshold' approach
Personal Author	Simiu, E. Heckert, N. A.
Series Title	NIST Building Science Series
Publication Number	174
Date Issued	1995
Government Author	Commerce Department, National Institute of Standards and Technology (NIST).
Category	Executive Agency Publications
SuDoc Class Number	C 13.29/2:

At the bottom of the page, a banner reads: "Welcome to govinfo! This is GPO's beta website that will eventually replace the Federal Digital System (FDsys) public".

Digital Signature Application – (stand-alone service)

- GPO offers an automated service to apply digital signatures to PDF files separately from the **govinfo** ingest workflow.
- Agencies are able to securely transfer PDF files to GPO to be digitally signed and returned, thereby reducing program costs, garnering confidence in electronic documents, and meeting customer needs for secure electronic information.
- Starting at \$25,000 per year.



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- The signer's identity is valid.

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PART 1

PUBLIC LAWS 111-1 THROUGH 111-11



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Success Story

More Information

Learn more and get started:

www.govinfo.gov/about/agency-submission

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Questions?

Stop by table 3 in the blue section
on the exhibit floor