

NASA Center for AeroSpace Information



Recent Highlights and Future Initiatives

**Presented by Ann E. Dixon at the
November 3, 2011 CENDI Meeting**



Overview



Contract Information



- Operated by Chugach Federal Solutions, Inc.
- Customer: NASA STI Program Office at the Langley Research Center, Hampton, VA
- Period of Performance: 1/25/11-1/24/2016 (2-year base and three 1-year options)
- \$36.9M FFP contract, inclusive of \$8M available for FFP IDIQ task orders



Locations

CASI NORTH



PRIMARY FACILITY:

CASI North
7115 Standard Drive
Hanover, MD 21076

SATELLITE OFFICE:

CASI South
103 Research Drive
Hampton, VA 23666

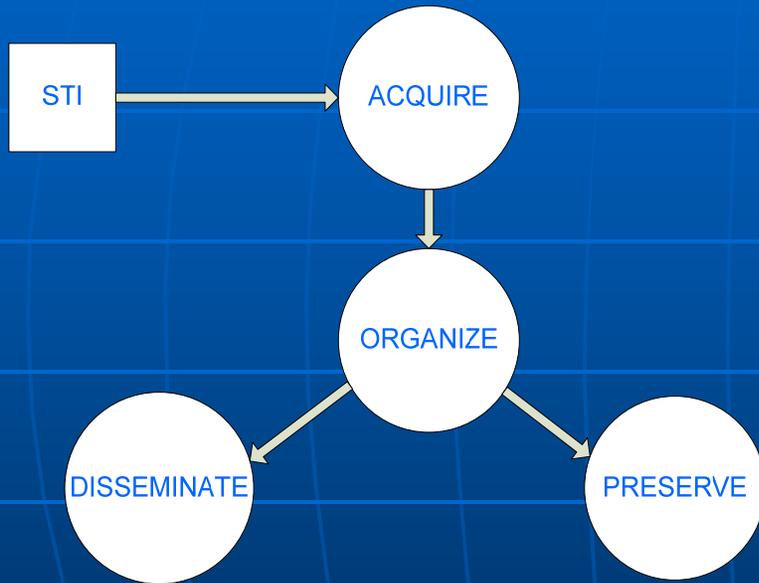


CASI Objectives

- Provide the NASA community and others with timely access to NASA STI
- Enhance users' search and retrieval experience
- Reduce CASI operating and facility costs



CASI Mission and Services



- STI Acquisition (new; legacy)
- Digitization (new; legacy)
- Metadata Creation
- Collection Management
- Information Dissemination
- User Services
- Outreach
- Software Integration
- Systems Administration
- IT Security



Recent Highlights

Enhanced NTRS

NASA Technical Reports Server - Windows Internet Explorer

http://ntrs.nasa.gov/search.jsp

File Edit View Favorites Tools Help

Google Search More >>

Sign In Options...

NASA Technical Reports Server

NASA Technical Reports Server (NTRS)
Aerospace Information for a Changing World

Go to STI Web Site
Contact CASI Info Desk

Home / Start a New Search | About NTRS | NTRS News | Online Tutorials

Search NTRS

Browse By ...

Date / Date Range

Publication Date

Last Day + GO

Collection

NASA Center

Availability Type

Want More?
For the complete NASA STI collection and advanced features, access the NASA Aeronautics & Space Database here

Simple Search Advanced Search Search Tips

Enter Search Terms: + Search

NASA CASI

NASA_CASI

A Model for the Sources of the Slow Solar Wind: Abstract: Models for the origin of the slow solar wind must acco...
1.usa.gov/t2C4yI
6 hours ago · reply · retweet · favorite

Coronal Plumes in the Fast Solar Wind: Abstract: The expansion of a coronal hole filled with a discrete number o...
1.usa.gov/s4SEhA
6 hours ago · reply · retweet · favorite

A Model for Magnetically Coupled Sympathetic Eruptions: Abstract: Sympathetic eruptions on the Sun have been obs...
1.usa.gov/tJXt0E
6 hours ago · reply · retweet · favorite

twitter Join the conversation

Done

Internet 100%

start 5 Micro... 3 Wind... NASA Te... Monthly P... Microsoft...

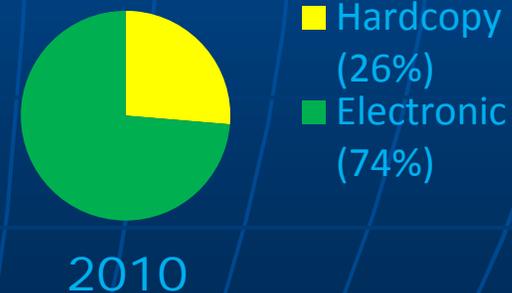
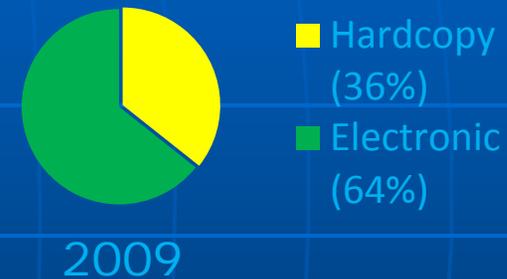
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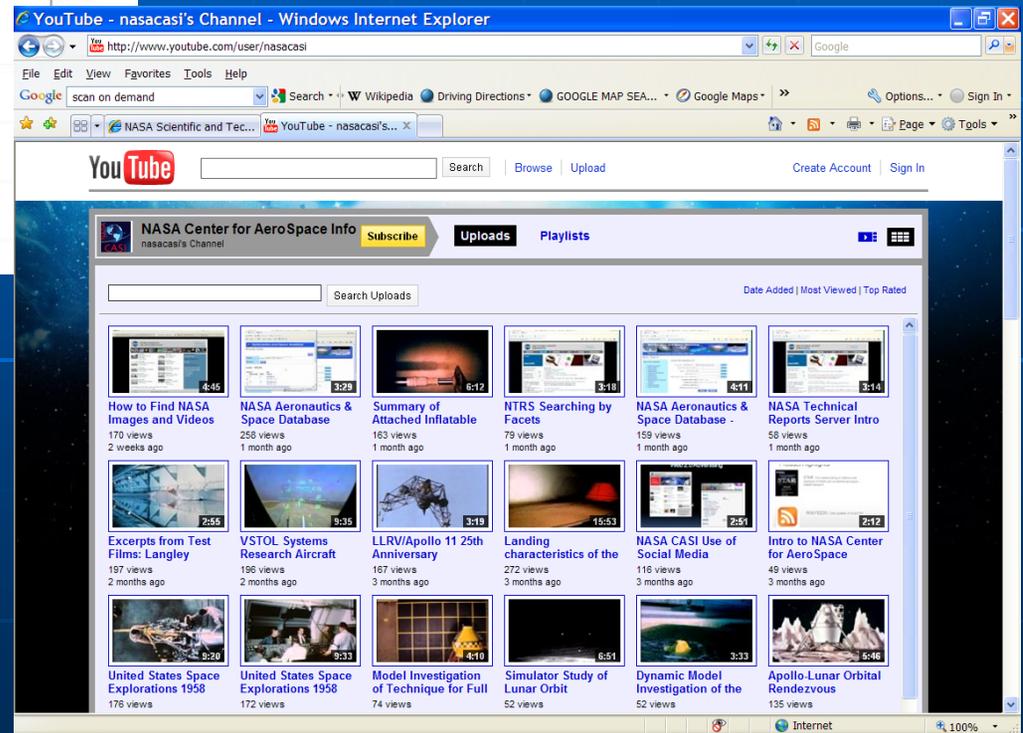
Digitization

- Significantly reduced the backlog of NASA legacy STI
 - Completion expected by 3/31/12
- Improved the quality of images, but more work needs to be done
- Amount of new STI received in hard copy continues to decline

HARDCOPY VS.
ELECTRONIC RECEIPTS



Using Social Media Sites for Outreach





Discontinued Document Ordering Fees

Period	Number of Requests Received	Period	Number of Requests Received
Oct-09	140	Oct-10	220
Nov-09	57	Nov-10	260
Dec-09	96	Dec-10	234
Jan-10	102	Jan-11	236
Feb-10	109	Feb-11	264
Mar-10	87	Mar-11	373
Apr-10	77	Apr-11	238
May-10	52	May-11	210
Jun-10	55	Jun-11	212
Jul-10	51	Jul-11	275
Aug-10	85	Aug-11	112
Sep-10	52	Sep-11	123
FY10 Total	963	FY11 Total	2757

- Change made effective 10/1/2010 to improve service to users and reduce CASI's operating costs
- Orders fulfilled with PDFs (or DVDs for videos and multi-media)
- Resulted in a significant increase in document orders, especially for videos



Other Recent Highlights

- Reduced the number of information products we develop and disseminate
- Piloted the NARA Electronic Records Archive System for NASA
- Integrated the NASA Aeronautics and Space Database registration process through the agency-wide NASA Asset Management System
- Virtualized servers to lower facility footprint, and operating and maintenance costs



CASI Document Management System (CDMS)

- Configure a new COTS end-to-end document management system (DMS)
- Integrate NTRS and NA&SD
- Enhance user search experience with full-text and Google-like searching
- Streamline CASI production operations
- Reduce IT operating and maintenance costs





Warehouse Clearance Project

ACTIVITY	ESTIMATED START DATE	ESTIMATED END DATE
Non-NASA STI Disposal and Partial Shelving Removal	1/3/2012	1/24/2012
Document Pulling	1/3/2012	10/9/2015
Archival Registration	1/3/2012	10/16/2015
Document Transfer	3/31/2012	11/2/2015
Non-Transferred NASA Fiche and Hardcopy Disposal	11/9/2015	11/16/2015
Remaining Shelving and Fiche Cabinets Removal	11/17/2015	11/24/2015

- Remove all STI materials, shelving units and fiche cabinets from the CASI North warehouse
 - Destroy Non-NASA STI
 - Transfer NASA STI to the Washington National Records Center



Other Future Initiatives

- Modifying the NASA STI websites
- Implementing a standardized, web-based ingest module for contributors
- Mobile applications
- Storing multi-media files in the database
- Capturing user comments about database content
- Increasing CASI focus on NASA STI acquisitions and outreach