

Introduction to the Data Access Request Tracker (DART)

A Work In Progress

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(VINCI)**



Poll

Have you ever requested access to data from National Data Systems?

Examples:

- Medical SAS Datasets or DSS National Data Extracts (NDE's) with real SSNs
- VHA Vital Status
- CDW Data
- VSSC Web Reports

Yes

No



Objectives

- What is DART
- Features of DART
- What data can be requested using DART
- How to access and use DART
- Tips for researchers for a smooth data request review process



What is DART?

- An online SharePoint workflow application that guides research data requestors through the process of requesting access to data.
- Developed and hosted by VINCI in coordination with VIREC, HIA, NDS and other VHA offices.
- Oversight provided by the VHA Data Access Board.



What does DART do?

- Captures and stores data request details
- Generates a list of required documents for all the data sources requested
- Provides functionality for uploading and storing required documents
- Distributes documents to appropriate parties for review, comment and approval
- Automatically generates email notices to requestors, data stewards and reviewers at each stage of request processing



Why DART?

- VHA research data request process can be burdensome for the data requestor & data steward
 - Duplicative document preparation & submission
 - Use of multiple data sources requires creation of multiple versions of documents
 - Documents must be renamed before submission for each data source
 - E-mail based data request systems are difficult to manage



Using DART to Request NDS-managed Data for Research Use



DART: Phase 1

- National Data Systems (NDS) is now using DART to manage **NEW** research requests for data access requests they coordinate
 - Researchers can visit the NDS Intranet home page for information about the new request process and the link to DART
 - Requests that already have an assigned NDS Tracking Number are required to continue to use the VHA Real SSN Access Request e-mail box until the request is completed.
- ❖ Note that MedSAS, DSS NDE and other Austin workload files **with scrambled SSNs** will continue to be requested through your local CUPS point of contact or ISO. NDS does not manage data access requests for those data – **they are not requested through DART**



Data Available Through DART

**Data access and data extract requests
coordinated by NDS**

- **On Austin Mainframe**

- Medical SAS Data Sets with Real SSNs (Including Workload Data such as ADUSH Enrollment, BIRLS Death & Fee Basis Files)
- DSS NDEs with Real SSNs
- VHA Vital Status File with Real SSNs or Scrambled SSNs
- DSS Web Reports
- VSSC Web Reports



Data Available Through DART

**Data access or data extract requests
coordinated by NDS – cont.**

- **On CDW/VINCI**

- Medical SAS Data Sets with Real SSNs (SAS and some files in SQL Server)
- DSS NDEs with Real SSNs (SQL Server or SAS Format)
- VHA Vital Status File with Real or Scrambled SSNs (SQL Server or SAS Format)
- TIU Region 1 and 4 (SQL Server)
- Radiology – Region 1 and 4 (SQL Server)
- Allergies (SQL Server)
- Health Factors (SQL Server)
- CDW Data Access or Extract – e.g. Vital Signs



Where to Start?

1. NDS Research data access Web page:
<http://vaww4.va.gov/NDS/DataAccess/DataAccessRES.asp>
2. The DART *User Guide* contains step-by-step instructions for submitting an NDS data request – link on NDS Web site & in DART



NDS Home Page

NDS Home - Windows Internet Explorer

http://vaaww4.va.gov/nds/

File Edit View Favorites Tools Help

NDS Home

UNITED STATES DEPARTMENT OF VETERANS AFFAIRS

INTRANET

Search All VA Web Pages

Search

>> Open Advanced Search

VA Intranet Home About VA Organizations Locations Employee Resources

NDS Home

About NDS

Austin Information Technology Center (AITC) Operations

FTP AITC Waiver

Franchise Fund

Data Access Forms

MetaData Registry

Corporate Databases Monograph

Data Standards

ICD-10 Project

My HealthVet

Related Links

Site Search

Document Repository

Additional Performance Monitors (APM)	National Healthcare Practitioner Database (NHCPD) † HHS National Provider Identifier*†	Data Access Operations Research
BioSense (CDC) Information regarding the CDC Biosense program.	National Patient Care Database (NPCD) Detailed information relating to the NPCD application.	Data.Gov New!
Compensation And Pension/VETSNET Data	CPT to ICD-9 Crosswalk zipped CSV files New!	SAS Data Sets
Electronic Wait List (EWL)	Operation Enduring Freedom/ Operation Iraqi Freedom (OEF/OIF) †	System of Record Info
Master Patient Index (MPI)	Patient Treatment File (PTF)	Veteran Affairs Site Tracking (VAST) System

*Link will take you to a non-VA website.

†Large bandwidth file, should be downloaded after normal hours to prevent network degradation.

NDS Research Data Access Page

Research Data Sources - NDS Home - Windows Internet Explorer
http://vaww4.va.gov/NDS/DataAccess/DataAccessRES.asp

Search All VA Web Pages
Search

Open Advanced Search

UNITED STATES DEPARTMENT OF VETERANS AFFAIRS

VA Intranet Home About VA Organizations Locations Employee Resources

NDS Home

NDS HOME

Research Data Sources

National Data Systems (NDS) announces a change in data request procedures for researchers, effective October 1, 2010.

Data Access Request Tracker ([DART](#)) is replacing the NDS e-mail based request/document submission process. The [DART](#) application was developed by VA Informatics and Computing Infrastructure (VINCI) in collaboration with NDS, VHA Privacy Office Health Information Access, VIREC, and others.

NDS will use the DART application for managing **NEW** research requests for data access coordinated by NDS. Requests that already have an assigned NDS Tracking Number are required to continue to use the [VHA Real SSN Access Requests](#) mailbox until the request is completed.

Corporate Data Warehouse

Medical SAS Data Sets, DSS NDEs, VSSC & DSS Web Reports
(Real SSN)

- Scrambled SSN Access provided by Local Facility Customer User Provisioning System (CUPS) Point of Contact

Vital Status File

Data Access Forms

If you have any questions, need more information, or are having

start Microsoft PowerPoint ... Research Data Sourc... My Computer 1:11 PM

Tips for Data Requestors

**Prepare your research documents
for easy uploading.**

■ Research Documents

- Research Study Protocol
- Research and Development (R&D) Committee Approval Letter(s)
- Research Study Institutional Review Board (IRB) Approval Letter(s)
- Informed Consent and HIPAA Authorization, if applicable to the Research Study
- IRB Approval of Waiver of HIPAA-compliant Authorization, if no Informed Consent is required for the Research Study



NDS Research Data Access Page

The screenshot shows a web browser window titled "Research Data Sources - NDS Home". The address bar contains the URL "http://vaaww4.va.gov/NDS/DataAccess/DataAccessRES.asp". The page header features the United States Department of Veterans Affairs logo and navigation links: "VA Intranet Home", "About VA", "Organizations", "Locations", and "Employee Resources". A search bar is located in the top right corner.

The main content area is titled "NDS HOME" and "Research Data Sources". The primary announcement is: "National Data Systems (NDS) announces a change in data request procedures for researchers, effective October 1, 2010." The text explains that the Data Access Request Tracker (DART) is replacing the NDS e-mail based request/document submission process. It mentions that DART was developed by VA Informatics and Computing Infrastructure (VINCI) in collaboration with NDS, VHA Privacy Office Health Information Access, VIREC, and others.

Below this, it states: "NDS will use the DART application for managing **NEW** research requests for data access coordinated by NDS. Requests that already have an assigned NDS Tracking Number are required to continue to use the [VHA Real SSN Access Requests](#) mailbox until the request is completed."

There are three sub-sections listed:

- Corporate Data Warehouse**
- Medical SAS Data Sets, DSS NDEs, VSSC & DSS Web Reports (Real SSN)**
 - Scrambled SSN Access provided by Local Facility Customer User Provisioning System (CUPS) Point of Contact
- Vital Status File**

The page also includes a "Data Access Forms" section. At the bottom, a partial sentence reads: "If you have any questions, need more information, or are having".

The browser's taskbar at the bottom shows the Start button, several application icons, and the system tray with the time "1:11 PM".

Tips for Data Requestors

■ NDS Data Request Forms

- VA Form 9957
- VA Privacy Statement
- DSS Non-Disclosure Agreement
- Data Use Agreement
- GEC Data Use Agreement for RAI/MDS
- Research Request Memo
- CDW-VINCI Rules of Behavior
- Vital Status Rules of Behavior



NDS Research Data Access Page

The screenshot shows a web browser window titled "Research Data Sources - NDS Home". The address bar displays the URL: <http://vaaww4.va.gov/NDS/DataAccess/DataAccessRES.asp>. The page header features the United States Department of Veterans Affairs logo and navigation links: "VA Intranet Home", "About VA", "Organizations", "Locations", and "Employee Resources". A search bar is present with the text "Search All VA Web Pages" and a "Search" button. The main content area is titled "NDS HOME" and "Research Data Sources". The primary announcement reads: "National Data Systems (NDS) announces a change in data request procedures for researchers, effective October 1, 2010." Below this, a paragraph explains that the Data Access Request Tracker (DART) is replacing the NDS e-mail based request/document submission process. A second paragraph states that NDS will use the DART application for managing new research requests. A section titled "Corporate Data Warehouse" includes a sub-section for "Medical SAS Data Sets, DSS NDEs, VSSC & DSS Web Reports (Real SSN)", which lists a bullet point: "Scrambled SSN Access provided by Local Facility Customer User Provisioning System (CUPS) Point of Contact". Other sections include "Vital Status File" and "Data Access Forms". A footer note says "If you have any questions, need more information, or are having...". The Windows taskbar at the bottom shows the Start button, taskbar icons for Microsoft PowerPoint and Research Data Sources, and the system tray with the time 1:11 PM.

NDS DART - Getting Started Page

The screenshot shows a Windows Internet Explorer browser window displaying the NDS DART Getting Started page. The browser's address bar shows the URL <http://vaww4.va.gov/NDS/DART/DARTLaunch.asp>. The page header includes the United States Department of Veterans Affairs logo and the text "INTRANET UNITED STATES DEPARTMENT OF VETERANS AFFAIRS". A search bar is located in the top right corner. The main content area is titled "NATIONAL DATA SYSTEMS (NDS)" and "DART". Below this, the section "DART Process for Standard NDS Request" is displayed, followed by "Before You Get Started" and "What To Expect". A process flow diagram shows four steps: Initiate Request, Manage Sites/Users, Request Configuration, and Manage/View Request. The page footer includes the Windows taskbar with the start button and several open applications.

NATIONAL DATA SYSTEMS (NDS)

DART

DART Process for Standard NDS Request

Before You Get Started

This is for standard NDS requests that will NOT be using the VINCI environment for managing Research studies. If you wish to use the VINCI Environment, contact VINCI at VHASICVINCI@va.gov.

What is the VINCI Environment? The VINCI Environment is a robust system that is designed to carefully balance the data access needs of researchers with the requirement to maintain control of data while providing the resources and tools necessary to conduct studies and data analysis is a secure, virtual computing environment. [Click here to learn more.](#)

What To Expect

The process begins when you enroll your data request using the online DART program for data access approvals. DART is comprised of several integrated online processes: Initiate Request; Manage Sites/Users; Request Configuration; and Manage/View Request. DART is used to upload your study's documentation where it is made available to the necessary parties for data access approvals. Each of the processes is explained in more detail below. It is recommended that you read the [DART User Guide](#) first which will help you with your submission and understanding of the system.

```
graph LR; A[Initiate Request] --> B[Manage Sites/Users]; B --> C[Request Configuration]; C --> D[Manage/View Request]
```

DART: Initiate Request
The Initiate Request page captures the pertinent details of your study which is used to help generate documentation requirements and processes for data access request tracking.

DART: Manage Sites/Users
The Manage Sites/Users page allows you to define primary and secondary sites for your study, designate collaborators that are authorized study participants, manage their access authorizations, and specify their role in your study.

DART: Request Configuration
The Request Configuration page allows you to select data sources and to specify Real or Scrambled SSN requests which is used to help generate documentation requirements.

DART User Guide



NDS Data Request Process

Requestor submits request & documents on DART



Data steward is notified; reviews for completeness & selects reviewers in DART



Reviewers receive notice; view data request & documents and approve request or ask for additional information from requestor



Data steward receives approvals & grants final approval for request



Notification of approval is sent to requestor automatically by email



DART Pages

DART uses five types of pages

1. DART Landing Page
2. Initiate Request
3. Manage Sites & Users
4. Request Configuration
5. Manage & View Request

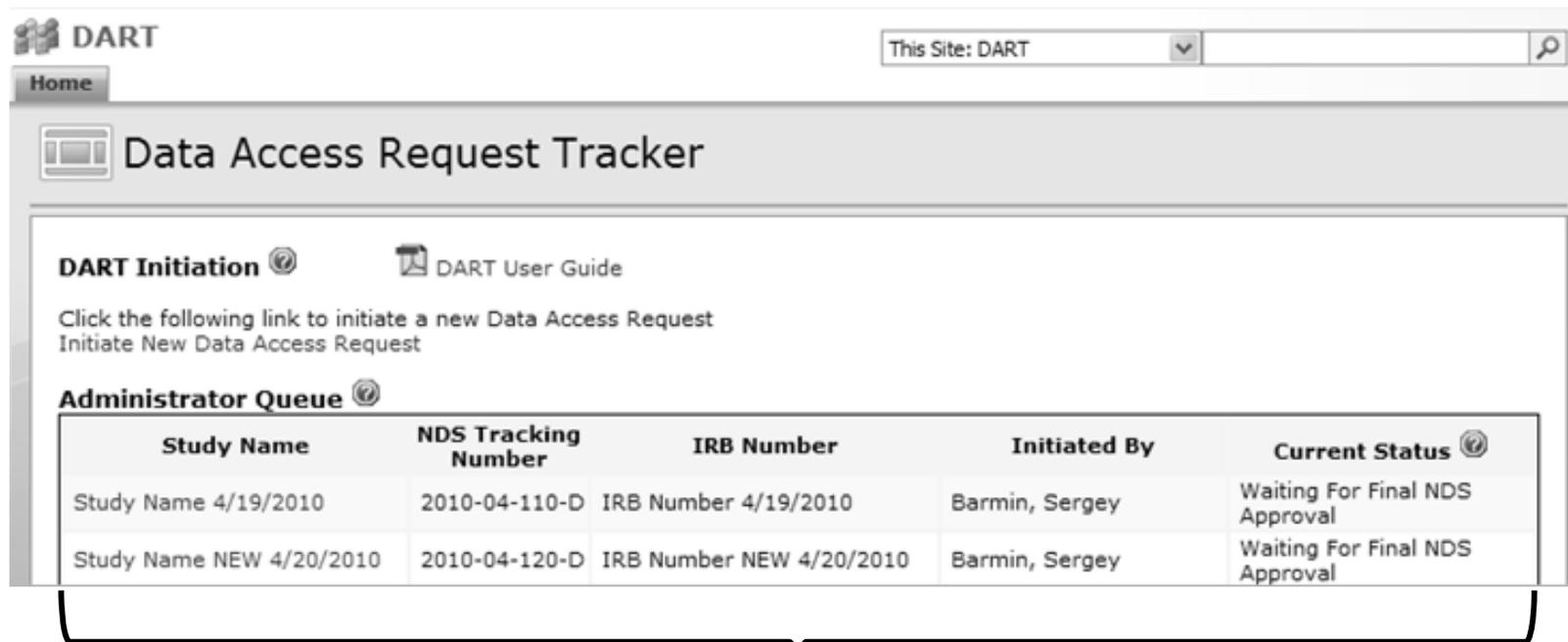


DART Landing Page



DART Landing Page

View existing projects



The screenshot shows the DART landing page. At the top left is the DART logo and a 'Home' button. At the top right is a search bar with 'This Site: DART' and a search icon. Below the search bar is a header for 'Data Access Request Tracker'. The main content area includes a 'DART Initiation' section with a 'DART User Guide' link and a link to 'Initiate New Data Access Request'. Below this is an 'Administrator Queue' section containing a table of existing projects.

Study Name	NDS Tracking Number	IRB Number	Initiated By	Current Status
Study Name 4/19/2010	2010-04-110-D	IRB Number 4/19/2010	Barmin, Sergey	Waiting For Final NDS Approval
Study Name NEW 4/20/2010	2010-04-120-D	IRB Number NEW 4/20/2010	Barmin, Sergey	Waiting For Final NDS Approval

A table will display any existing or previous projects linked to your network ID

DART Landing Page

Check Request Status

The screenshot shows the DART landing page with a search bar at the top right and a 'Home' button. The main heading is 'Data Access Request Tracker'. Below this, there are links for 'DART Initiation' and 'DART User Guide'. A text instruction says 'Click the following link to initiate a new Data Access Request' with a link 'Initiate New Data Access Request'. Below that is the 'Administrator Queue' section containing a table with columns: Study Name, NDS Tracking Number, IRB Number, Initiated By, and Current Status. Two rows of data are visible in the table. A red arrow points to the 'Current Status' column header, and another red arrow points to the 'Study Name' column header.

Study Name	NDS Tracking Number	IRB Number	Initiated By	Current Status
Study Name 4/19/2010	2010-04-110-D	IRB Number 4/19/2010	Barmin, Sergey	Waiting For Final NDS Approval
Study N 4/20/2010	2010-04-120-D	IRB Number NEW 4/20/2010	Barmin, Sergey	Waiting For Final NDS Approval

View the current status

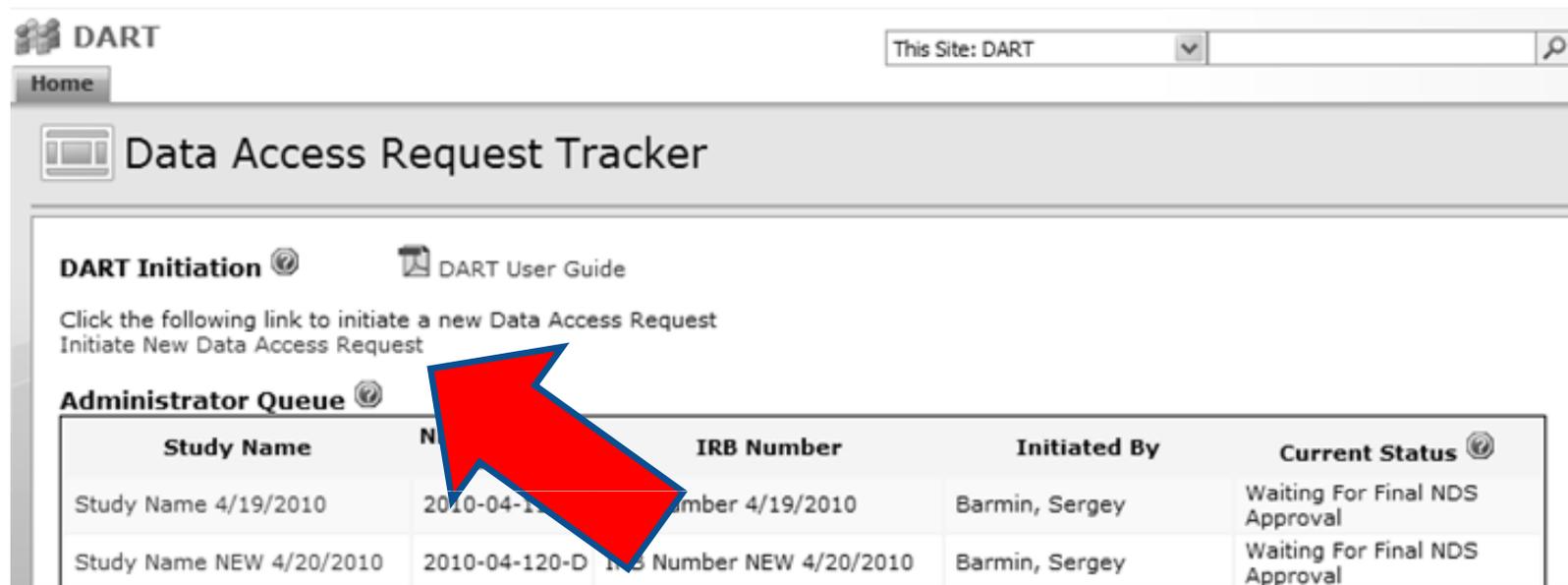


Click on the study name for a research project



DART Landing Page

Initiate New Request Link



The screenshot shows the DART landing page with the following elements:

- Logo: DART
- Search bar: This Site: DART
- Home button
- Page Title: Data Access Request Tracker
- Section: DART Initiation (with help icon) and DART User Guide
- Text: Click the following link to initiate a new Data Access Request. [Initiate New Data Access Request](#)
- Section: Administrator Queue (with help icon)
- Table with columns: Study Name, IRB Number, Initiated By, Current Status

Study Name	IRB Number	Initiated By	Current Status
Study Name 4/19/2010	2010-04-120-D	Barmin, Sergey	Waiting For Final NDS Approval
Study Name NEW 4/20/2010	2010-04-120-D	Barmin, Sergey	Waiting For Final NDS Approval

Click on "Initiate New Data Access Request"

Initiate New Data Request Page



Initiate New Data Request Page

Add Project Details

Initiate Request → Manage Sites/Users → Request Configuration → Manage/View Request

Initiate Request DART User Guide *indicates required field

IRB Number:

* Study Name:

* Start Study Date:

* End Study Date:

* IRB Expiration Date:

* Your Study Role:

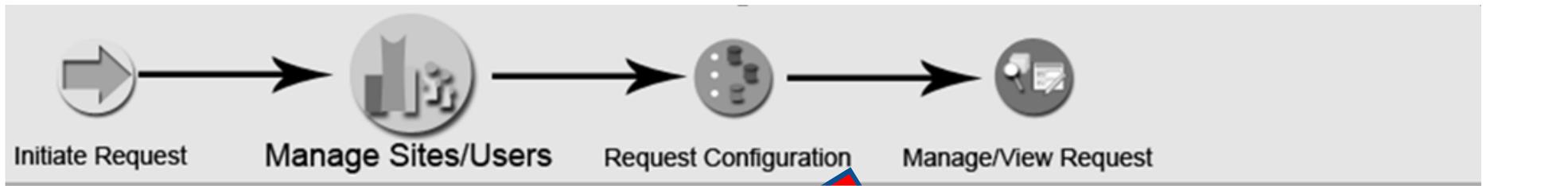
* Your Primary Study Site:

Manage Sites/Users Page



Manage Sites/Users Page

Enter Primary Site



Initiate Request → Manage Sites/Users → Request Configuration → Manage/View Request

Enter info on primary site

Manage Sites/Users ⓘ

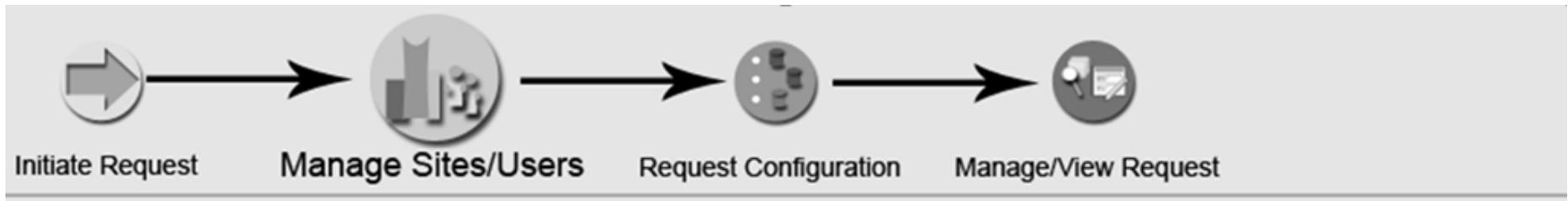
Primary Site - Salt Lake City HCS (Salt Lake City UT) (Change)

Participant Name	Role	DART Access Rights	Actions
Trautman, Timothy	Primary Investigator	Administrator	Delete
<input type="text"/>	Co-Investigator	Administrator	<input type="button" value="Add Participant"/>

Secondary Site - Alaska VAHSRO (Anchorage AK)

Manage Sites/Users Page

Enter Secondary Sites



Manage Sites/Users ⓘ

Primary Site - Salt Lake City HCS (Salt Lake City UT) (Change)

Participant Name	Role	DART Access Rights	Actions
Trautman, Timothy	Primary Investigator	Administrator	Delete
<input type="text"/> & ✓	Co-Investigator ▾	Administrator ▾	<input type="button" value="Add Participant"/>

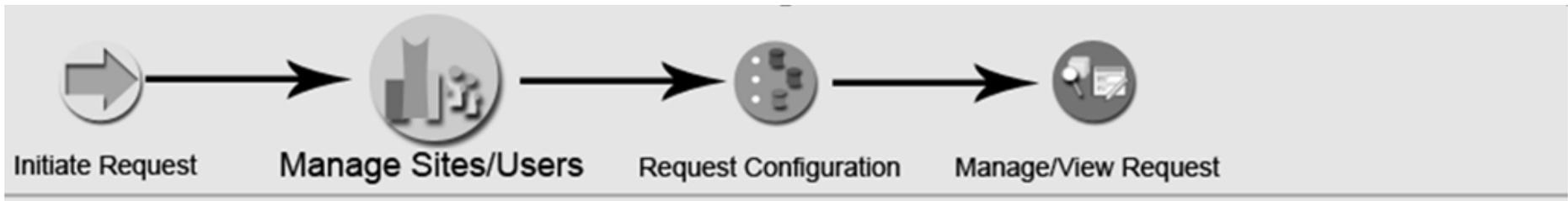
Secondary Site - ▾



Enter Info on Secondary sites

Manage Sites/Users Page

Enter Participants

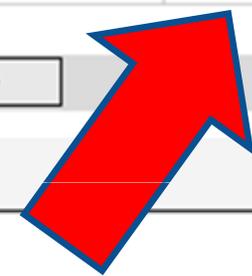


Manage Sites/Users ⓘ

Primary Site - Salt Lake City HCS (Salt Lake City UT) (Change)

Participant Name	Role	DART Access Rights	Actions
Trautman, Timothy	Primary Investigator	Administrator	Delete
<input type="text"/> & ✓	Co-Investigator ▾	Administrator ▾	<input type="button" value="Add Participant"/>

Secondary Site - ▾



Add collaborators and project team who need data access

Tips for Data Requestors

Add collaborators and project team who need data access

- Only those study team members who will access data on the NDS, CDW or VINCI systems will need to be included in DART.
- If your project is getting a CD sent with a data extract - the PI may be the only individual that needs to submit the documents
- Staff who access data only on the local research server are not included on DART



Request Configuration Page



Request Configuration Page

Select Data Sources

Shared Documents - RequestConfiguration - Windows Internet Explorer

http://vawww.vinci.med.va.gov/vincicentral/dart/Shared%20Documents/RequestConfiguration.aspx?trackingnumber=2010-09-003-D

VA Informatics and Computing Infrastructure > DART

Welcome Larimer, Grant (IPA) | My Site | My Links

DART

This Site: DART

Site Actions

Initiate Request → Manage Sites/Users → Request Configuration → Manage/View Request

Request Configuration

DART User Guide

Data Source:

- CDW Access
- CDW Extract
- DSS NDE Data Access
- DSS NDE Data Extract
- DSS Web Reports
- Medical SAS Data Sets with Real SSNs Access
- Medical SAS Data Sets with Real SSNs Extract
- VINCI Allergies (SQL Server)
- VINCI DSS NDEs with Real SSNs (SQL Server and SAS Format)
- VINCI Health Factors (SQL Server)
- VINCI Medical SAS Data Sets with Real SSNs (SAS and some files in SQL Server)
- VINCI Radiology - Region 1 and 4 (SQL Server)
- VINCI TIU Region 1 and 4 (SQL Server)
- VINCI VHA Vital Status File with Real SSNs (SQL Server and SAS Format)
- VINCI VHA Vital Status File with Scrambled SSNs (SQL Server and SAS Format)
- Vital Status (Real SSN)
- Vital Status (Scrambled SSN)
- VSSC Web Reports

Back Complete Data Access Request Configuration

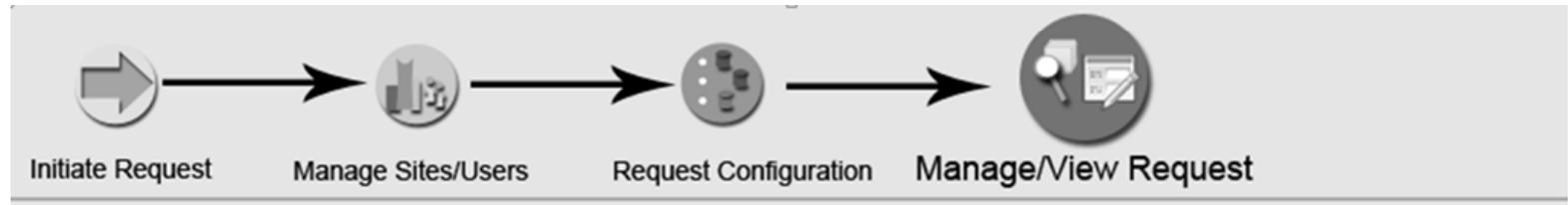
Local intranet 100%

Select data sources and Real or Scrambled SSN

Manage & View Request Page



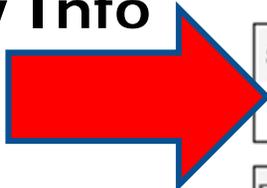
Manage/View Request Page Review Study Info



DART User Guide

- DART Home
- Add/Edit Study Details
- Site Participant Management
- Request Configuration
- Manage Request

Study Info



Study Name	NDS Tracking Number	Status	Initiated Date	Initiated By	IRB Number	Study Start Date	Study End Date	IRB Expiration Date
PTSD Afghanistan	2010-07-151-D	Waiting For Required Documents	7/23/2010	Trautman, Timothy	123456	7/1/2010	6/30/2012	6/30/2011

Event	Event Date	Initiated By
Initiated Data Access Request	7/23/2010 9:42:56 AM	Trautman, Timothy
Completed Request Configuration	7/23/2010 9:58:04 AM	Trautman, Timothy

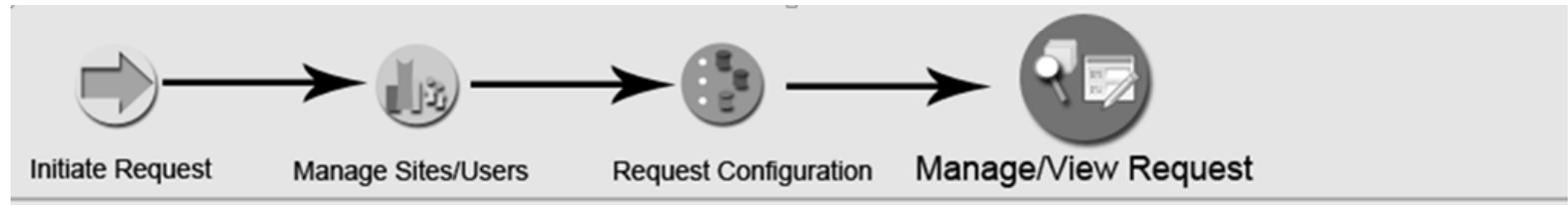
Required Documents

Salt Lake City HCS (Salt Lake City UT)	
Document	Required For
VA Privacy Statement : <input type="text"/>	CDW Extract
<input type="button" value="Browse..."/>	

Request Communications

New <input type="button" value="New"/>			
Subject	<input type="radio"/> Created By	Replies	Last Updated
There are no items to show in this view of the "DART Discussion Group - 2010-07-151-D" discussion board. To create a new item, click "New" above.			

Manage/View Request Page Review Events List



DART User Guide

- DART Home
- Add/Edit Study Details
- Site Participant Management
- Request Configuration
- Manage Request

Study Name	NDS Tracking Number	Status	Initiated Date	Initiated By	IRB Number	Study Start Date	Study End Date	IRB Expiration Date
PTSD Afghanistan	2010-07-151-D	Waiting For Required Documents	7/23/2010	Trautman, Timothy	123456	7/1/2010	6/30/2012	6/30/2011

Events
list

Event	Event Date	Initiated By
Initiated Data Access Request	7/23/2010 9:42:56 AM	Trautman, Timothy
Completed Request Configuration	7/23/2010 9:58:04 AM	Trautman, Timothy

Required Documents

Salt Lake City HCS (Salt Lake City UT)

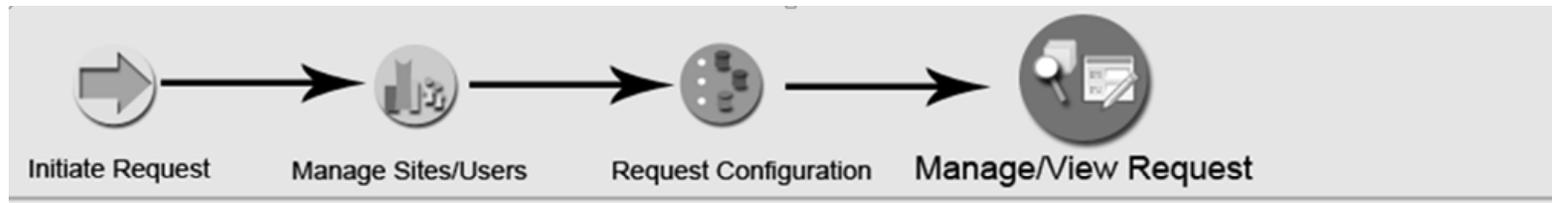
Document	Required For
VA Privacy Statement :	CDW Extract
<input type="text"/> <input type="button" value="Browse..."/>	

Request Communications

New ▾

Subject	Created By	Replies	Last Updated
There are no items to show in this view of the "DART Discussion Group - 2010-07-151-D" discussion board. To create a new item, click "New" above.			

Manage/View Request Page Upload Documents



DART User Guide

- DART Home
- Add/Edit Study Details
- Site Participant Management
- Request Configuration
- Manage Request

Study Name	NDS Tracking Number	Status	Initiated Date	Initiated By	IRB Number	Study Start Date	Study End Date	IRB Expiration Date
PTSD Afghanistan	2010-07-151-D	Waiting For Required Documents	7/23/2010	Trautman, Timothy	123456	7/1/2010	6/30/2012	6/30/2011

Event	Event Date	Initiated By
Initiated Data Access Request	7/23/2010 9:42:56 AM	Trautman, Timothy
Completed Request Configuration	7/23/2010 9:58:04 AM	Trautman, Timothy

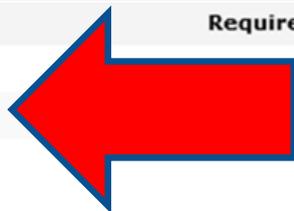
Required Documents

Request Communications

Salt Lake City HCS (Salt Lake City UT)

Document Required

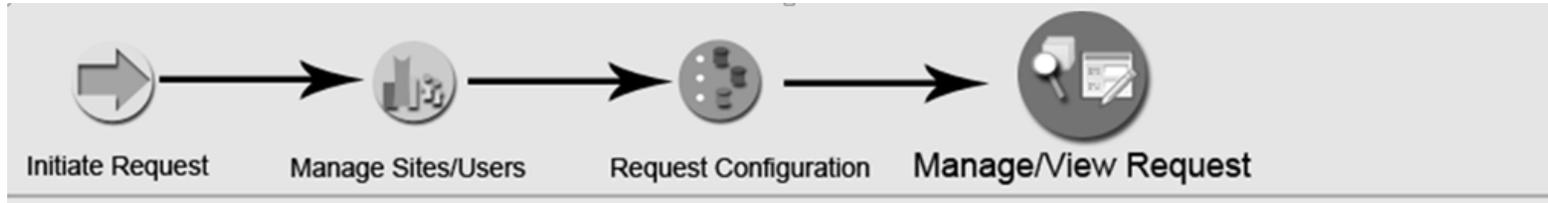
VA Privacy Statement:



Upload documents from local network files



Manage/View Request Page Communications



DART User Guide

- DART Home
- Add/Edit Study Details
- Site Participant Management
- Request Configuration
- Manage Request

Study Name	NDS Tracking Number	Status	Initiated Date	Initiated By	IRB Number	Study Start Date	Study End Date	IRB Expiration Date
PTSD Afghanistan	2010-07-151-D	Waiting For Required Documents	7/23/2010	Trautman, Timothy	123456	7/1/2010	6/30/2012	6/30/2011

Event	Event Date	Initiated By
Initiated Data Access Request	7/23/2010 9:42:56 AM	Trautman, Timothy
Completed Request Configuration	7/23/2010 9:58:04 AM	Trautman, Timothy

Required Documents

Salt Lake City HCS (Salt Lake City UT)

Document	Required For
VA Privacy Statement : <input type="text"/> <input type="button" value="Browse..."/>	CDW Extract

Request Communications

New ▾

Subject	Created By	Replies	Last Updated
There are no items to show in this view of the "DART Discussion Group - 2010-07-151-D" discussion board. To create a new item, click "New" above.			



Provides messaging for communicating with all other parties

DART Demonstration



DART Demonstration



DART Development Team

- John Quinn, NDS
- Irma McCaffrey, NDS
- Elizabeth Feszczenko, NDS
- Charlie Stroup, HIA
- Gina Julian, HIA
- John Sacco, HIA
- Brian Olinger, HIA
- Sam White, HIA
- Mark Molloy, HIA
- Anne Croset, HIA
- Jeffrey Scehnet, VINCI
- Lanny Derby, VINCI
- Grant Larimer, VINCI
- Hamid Saoudian, VINCI
- Tim Trautman, VINCI
- Swetha Kunduru, VINCI
- Tori Barrett, VINCI
- Audrey Revere, PCS
- Matthew Baum, OHI
- Linda Kok, VIREC



Business Needs Identification Workgroup

- Shawn Hardenbrook
- Brian Olinger
- Michael Cagan
- John F. Quinn
- Irma McCaffrey
- Elizabeth J. Franchi
- Sherri Walter
- Robert E. O'Hare
- Randy Remmel
- David McDaniel
- Stephania Putt
- Sam White
- Andrea Wilson
- Brenda Cuccherini
- Linda Lipson
- Gail Belles
- Matthew Baum
- Linda Hughes
- Rhoda Clark
- Armand Bernheim
- Troy Sherrill
- John E. Sacco
- James Gwyn
- Kathleen Strouse
- Brian Ellis
- Bryant Headley
- David Irvine
- Denise Hynes
- Linda Kok

Contact Information

Questions about NDS data access requirements – send email to:
NDS.ResearchAccessRequests@va.gov which can also be found in the
Global Address List as NDS RESEARCH ACCESS REQUESTS

Questions about DART:

Jeffrey S. Scehnet PhD, MSReg Sci

VA Informatics and Computing Infrastructure (VINCI)

E-mail: jeffrey.scehnet@va.gov

VINCI Web Site: www.vinci.med.va.gov/vincicentral

Questions about VHA data:

VA Information Resource Center (VIREC)

VIREC Help Desk: virec@va.gov

VIREC Web Site: www.virec.research.va.gov

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Questions?

