Federal Bureau of Investigation
Information Resources Division
Data/Information Management Section

30 October 2002 Draft, Version 6
Full Privacy Impact Assessment

For the Investigative Data Warehouse (IDW) and Virtual Knowledge Base (VKB)
Executive Summary

This full Privacy Impact Assessment (PIA) is submitted by the Information Resources Division in accordance with MIOG 16-21.3, *Completing a Privacy Impact Assessment*, and MIOG 16-21.5, Paragraphs A, B, C, and D. This assessment is intended to address MIOG requirements for the enterprise Investigative Data Warehouse (IDW) and Virtual Knowledge Base (VKB), and is submitted in coordination with Office of General Counsel for approval.
SENSITIVE BUT UNCLASSIFIED
NON-RECORD

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-28-2007 BY 65179 dmh/bja/cal

scope1.pia.wpd (24 KB)

IDW2.pia.wpd (206 KB)

SARS database ln IDW.SPT.wpd (229 KB)

IDW.wpd (30 KB)

ISPG approval IDW data sets2.w...

FinCEN data for IDW.txt (6 KB)...
THIS IS A PRIVILEGED COMMUNICATION AND IS NOT TO BE FURTHER DISSEMINATED WITHOUT PRIOR OGC APPROVAL.

SENSITIVE BUT UNCLASSIFIED
FYI. I just got a call from [redacted] at JMD about the article. Her Boss wanted to know which system notice covered IDW. I told her it is covered by CRS. Also explained that national security systems are exempt from E-Gov and that we had done several PIA looks at IDW, even though it's not required under the law.

I'm with [redacted] in view that if everyone [redacted] starts running around with their hair on fire on this, they will just be pouring gas on something that quite possibly would just fade away if we just shrug it off.

Bill: can you send [redacted] an electronic copy of the CRS Privacy Act System Notice. She is making noises about it. I'm hoping that after she reads it, she will be mollified. Thanks.
Sensitivity: SENSITIVE BUT UNCLASSIFIED  
Non-record

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-28-2007 BY 65179 dmh/bja/cal  
1058805

THIS IS A PRIVILEGED COMMUNICATION AND IS NOT TO BE FURTHER DISSEMINATED WITHOUT PRIOR OGC APPROVAL.

Original Message:

From: GRIGG, G. CLAYTON (CTD) (FBI)
Sent: Wednesday, September 06, 2006 6:20 PM
To: (ITSD) (FBI); (OGC) (FBI); (OGC) (FBI); HARRINGTON, T. J.
Cc: (CTD) (FBI)
Subject: RE: IDW PIAs

SENSITIVE BUT UNCLASSIFIED  
NON-RECORD

G. Clayton Grigg
Thank you for taking care of this matter in my absence.
To: GRIGG, G. CLAYTON (CTD) (FBI); ITSD (FBI); KELLEY, PATRICK W. (OGC) (FBI); AZMI, ZALMAI (DO) (FBI); ISRAEL, JEROME W. (OGC) (FBI); IDW PIA

Subject: IDW PIAs

THIS IS A PRIVILEGED COMMUNICATION AND IS NOT TO BE FURTHER DISSEMINATED WITHOUT PRIOR OGC APPROVAL.

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SECRET

This is a privileged and confidential communication and is not to be further disseminated without prior OGC approval.

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SECRET

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FEDERAL BUREAU OF INVESTIGATION

Precedence: ROUTINE

To: Office of the CIO

Counterterrorism

Records Management

From: Directorate of Intelligence

Intelligence Issues Group/1B268

Contact: SSA

Approved By: Baginski Maureen A

Solomon Jonathan I

Drafted By: 

Case ID #: 66F-HQ-C1434337 (Pending)

Date: 03/25/2005

Title: ISPG APPROVAL OF REQUEST FOR INCLUSION OF ADDITIONAL DATA SETS IN IDW/SPT

Synopsis: The Information Sharing Policy Group (ISPG) approves the immediate addition of seven (7) new data sets for inclusion in the Special Projects Team (SPT) accesses of the Investigative Data Warehouse (IDW). This data will support ongoing operational needs of the Counterterrorism Division (CTD) and all other IDW users.

Reference: 66F-HQ-1321794 Serial 194

Details: CTD has an operational need to apply the advanced features of the IDW system across a broader set of data. By adding these additional data sources, CTD will be able to uncover new criminal and terrorist links and activities. The enhanced results will contribute significantly to the FBI counterterrorism effort.

The ISPG has reviewed the data approval requests and ensured that all relevant Office of General Counsel (OGC) privacy impact assessments, interests of all operational divisions and specific records management issues have been addressed. The ISPG
approves the immediate addition of the following seven (7) data sets with appropriate updates for use in IDW/SPT.

1. 

2. 

3. 

4. 

5. 

6. 

7. 

The above data sources are currently owned and licensed by CTD and used for CT work. Data quality and currency is not validated prior or during system loading. Newer editions of the sources will be loaded and the older editions will continue to be
part of the IDW/SPT analyses. Retention of older data permits retrospective analysis.

Technical implementation may be either as an adjunct system accessible through IDW/SPT or as an integral part of the underlying, searchable federated data stores of IDW/SPT. This data approval does not obligate funds or resources for the technical activities that are required to implement and support system loading and related activities.

Records Management Division (RMD) will provide guidance to IDW/SPT concerning specific retention, disposal, and archiving for this data and the results of analysis derived from this data.
LEAD(s):

Set Lead 1:  (Action)

RECORDS MANAGEMENT
AT WASHINGTON, DC

Provide guidance to IDW/SPT concerning specific retention, disposal, and archiving for the data and results of analysis derived from the data.

Set Lead 2:  (Info)

COUNTERTERRORISM
AT WASHINGTON, DC

Read and clear.

Set Lead 3:  (Info)

DIRECTOR'S OFFICE
AT CIO, DC

Read and clear.

**
On January 25, 2004, IDW 1.0 was successfully deployed providing users with access to CT/CI ECF and UNI data, IntelPlus file rooms, SAMNET, JICI scanned CT documents, open source news, and VGTOF using the retrieval tools. Training was deployed throughout the field for Field Intelligence Group personnel. To date, 485 accounts have been issued and CounterTerrorism Division has plans to request 4,200 accounts for members of the Joint Terrorism Task Force members through the field. The IDW-Integration environment was established and is ready for final security testing.
FEDERAL BUREAU OF INVESTIGATION
INFORMATION RESOURCES DIVISION
DATA AND INFORMATION MANAGEMENT SECTION

INVESTIGATIVE DATA WAREHOUSE INTEGRATION SYSTEM (IDW-I)
SYSTEM SECURITY PLAN

DOCUMENT VERSION 0.6
22 APRIL 04
<table>
<thead>
<tr>
<th>DATASET NAME</th>
<th>DATA SOURCE</th>
<th>CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS Electronic Case Files</td>
<td>FBI Automated Case System (ACS)</td>
<td>Secret and below</td>
</tr>
<tr>
<td>(ECF)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IntelPlus Filerooms</td>
<td>FBI IntelPlus</td>
<td>Secret and below</td>
</tr>
<tr>
<td>SAMNet</td>
<td>FBI Secure Automated Messaging Network (SAMNet)</td>
<td>Secret and below</td>
</tr>
<tr>
<td>VGTOF</td>
<td>FBI National Crime Information Center (NCIC)</td>
<td>SBU</td>
</tr>
<tr>
<td>JCI</td>
<td>FBI Records Management Division (RMD), Document</td>
<td>Secret and below</td>
</tr>
<tr>
<td></td>
<td>Laboratory (DocLab), FBIHQ</td>
<td></td>
</tr>
<tr>
<td>Open Source News</td>
<td>MiTAP</td>
<td>Unclassified</td>
</tr>
</tbody>
</table>

Table 3.5.1 IDW-I Data Sets
FEDERAL BUREAU OF INVESTIGATION
INFORMATION RESOURCES DIVISION
DATA AND INFORMATION MANAGEMENT SECTION

INVESTIGATIVE DATA WAREHOUSE INTEGRATION
SYSTEM (IDW-I)
SYSTEM SECURITY PLAN

DOCUMENT VERSION 1.0
03 NOVEMBER 2004
<table>
<thead>
<tr>
<th>ENTITY NAME</th>
<th>DATA SOURCE</th>
<th>CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS Electronic Case Files (ECF)</td>
<td>FBI Automated Case System (ACS)</td>
<td>Secret and below</td>
</tr>
<tr>
<td>IntelPlus Filerooms</td>
<td>FBI IntelPlus</td>
<td>Secret and below</td>
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<tr>
<td>SAMNet</td>
<td>FBI Secure Automated Messaging Network (SAMNet)</td>
<td>Secret and below</td>
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<tr>
<td>VGTOF</td>
<td>FBI National Crime Information Center (NCIC)</td>
<td>SBU</td>
</tr>
<tr>
<td>JICI</td>
<td>FBI Records Management Division (RMID), Document Laboratory (DocLab), FBIHQ</td>
<td>Secret and below</td>
</tr>
<tr>
<td>Open Source News</td>
<td>MITAP</td>
<td>Unclassified</td>
</tr>
</tbody>
</table>

Table 3.5.1 IDW-1 Data Sets
Security Concept of Operations (S-CONOPS)
Investigative Data Warehouse (IDW) Program

Document Version 1.2

November 29, 2004
The table below lists the data and sources for the Operational Subsystem.

<table>
<thead>
<tr>
<th>DATASET NAME</th>
<th>DATA SOURCE</th>
<th>CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS Electronic Case Files (ECF)</td>
<td>FBI Automated Case Support (ACS)</td>
<td>Secret and below</td>
</tr>
<tr>
<td>IntelPlus Filerooms</td>
<td>FBI IntelPlus</td>
<td>Secret and below</td>
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<td>Secret and below</td>
</tr>
<tr>
<td>Open Source News</td>
<td>MiTAP</td>
<td>Unclassified</td>
</tr>
</tbody>
</table>

**Operational Subsystem Data Sources**

The data flow begins at the external data sources. These sources include various FBI databases including ACS, SAMNET, Intelplus and several others.
2.3.2 Special Projects Team (SPT) Subsystem

The Special Projects Team (SPT) Subsystem allows for the rapid import of new specialized data sources. These data sources are not made available to the general IDW users but instead are provided to a small group of users who have a demonstrated "need-to-know". The SPT System is similar in function to the IDW-S system, with the main difference is a different set of data sources. The SPT System allows its users to access not only the standard IDW Data Store but the specialized SPT Data Store.

The table below lists the data and sources for the SPT Subsystem.
<table>
<thead>
<tr>
<th>DATASET TYPE</th>
<th>DATA SOURCE</th>
<th>CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBI Case Data</td>
<td>FBI Automated Case System (ACS)</td>
<td>Secret and below</td>
</tr>
<tr>
<td>Financial Center (FinCen) Data</td>
<td></td>
<td>SBU</td>
</tr>
<tr>
<td>Various Lists of Data</td>
<td>Various Sources, e.g., Transportation Security Administration (TSA)</td>
<td>SBU</td>
</tr>
<tr>
<td>Various CTD Datasets</td>
<td>FBI Counterterrorism Division (CTD)</td>
<td>Secret and below</td>
</tr>
<tr>
<td>Telephone Data</td>
<td>Database of telephone numbers from ACS indexed by phone number, names, addresses, and case numbers</td>
<td>Secret and below</td>
</tr>
</tbody>
</table>

SPT Data Sets

Outside the Scope
INVESTIGATIVE DATA WAREHOUSE INTEGRATION SYSTEM (IDW-I)  
SYSTEM SECURITY PLAN

DOCUMENT VERSION 1.0  
29 NOVEMBER 2004
## Investigative Data Warehouse Integration System (IDW-I) System Security Plan

29 NOV 04
Version 1.0

### Table 3.5.1 IDW-I Data Sets

<table>
<thead>
<tr>
<th>DATASET NAME</th>
<th>DATA SOURCE</th>
<th>CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS Electronic Case Files (ECF)</td>
<td>FBI Automated Case System (ACS)</td>
<td>Secret and below</td>
</tr>
<tr>
<td>IntelPlus Filerooms</td>
<td>FBI IntelPlus</td>
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<td>FBI Secure Automated Messaging Network (SAMNet)</td>
<td>Secret and below</td>
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<tr>
<td>VGTOF</td>
<td>FBI National Crime Information Center (NCIC)</td>
<td>SBU</td>
</tr>
<tr>
<td>JICI</td>
<td>FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ</td>
<td>Secret and below</td>
</tr>
<tr>
<td>Open Source News</td>
<td>MITAP</td>
<td>Unclassified</td>
</tr>
</tbody>
</table>
IDW-S V1.0 Data Migration Plan

September 30, 2003
SCOPE V2.0/IDW V1.0 Data Sets

ACS ECF (CT Case Files):
- ASCII flat files (metadata and document text) and WordPerfect (document) binaries
- Data is synchronized once a day, which includes processing of adds, deletes, and modifications

Intelplus (CT Filerooms):
- Scanned TIFF images and OCR’ed ASCII text documents
- Data is synchronized once a week, which includes processing of adds, deletes, and modifications

SAMnet:
- ASCII files in standard cable traffic message format (all capitals with specific header)
- SAMNET data is provided/updated three times a day

JICI:
- Scanned TIFF images and OCR’ed ASCII text (pages)
- Static file system

VGTOF:
- ASCII flat files (data/metadata, one row per subject) and JPEG image binaries (none, one, or multiple per subject)
- At present, updated file being provided in its entirety on a weekly basis

Open Source:
- The Open Source Library is collected from global news sources that are either in English or have been translated into English
- The Open Source Library is updated once a day
System Security Plan

Investigative Data Warehouse-SECRET (IDW-S)

3 DECEMBER 2003
Version: 0.6

ALL INFORMATION CONTAINED HERIN IS UNCLASSIFIED
DATE 01-07-2008 BY 65179 DMR/BJA/CAL

Federal Bureau of Investigation (FBI), Information Resources Division (IRD)
Investigative Data Warehouse (IDW) - Secret System Security Plan

INTRODUCTION

The Federal Bureau of Investigation's (FBI) Investigative Data Warehouse (IDW-S) is an initial data warehouse, content management and data mining system that will permit FBI investigative, analytical, administrative and intelligence personnel to access aggregated data previously only available through individual applications. The IDW-S system will be authorized to process classified national security data up to, and including, Secret. The IDW-S system is the successor of the Secure Counter-Terrorism/Collaboration Operational Prototype Environment (SCOPE™).

Data processed by the system will include the following data sets:

- Approved case files from the FBI's Automated Case Support (ACS) case management system;
- Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;

Outside the Scope
• Secure Automated Messaging Network (SAMNet) message traffic;
• IntelPlus File Rooms; and
• Violent Gang and Terrorist Organization File (VGTOF) from the Criminal Justice Information Systems (CJIS) Division;
• Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data

Outside the Scope
Data Sources

IDW-S contains data from the following data sources with security classification indicated in brackets:

- Automated Case Support (ACS) System, Electronic Case File (ECF) Subsystem [Secret and below]
- IntelPlus [Secret and below]
- Secure Automated Message Network – Secret (SAMNet-S) [Secret and below]
- NCIC Violent Gang and Terrorist Offender File (VGTOF) [Sensitive But Unclassified]
- Joint Intelligence Committee Investigation (JICI) [Secret and below]
- DARPA/TIDES Open Source News [Unclassified]

Data from each source is held in an identified source Library against which users can direct the analytical tools.

Data Ingest

IDW-S receives data from sources by FTP over FBINet (ACS ECF, IntelPlus, and SAMNet) and CD-ROM (VGTOF, Open Source News).

- Data is received by the Ingest Subsystem

  - Received data is parsed into individual serial records (in the case of ACS ECF), documents (IntelPlus, JICI, Open Source News), messages (SAMNet), or files (VGTOF).
3.5. DATA PROCESSED

IDW-S processes the following data:

3.5.1 ACS ECF

IDW-S contains a subset of the ECF (Electronic Case File) subsystem of the Automated Case System (ACS). This subset consists of serials in those case classifications/sub classifications that have been officially sanctioned for inclusion in IDW. For each such serial, the ECF data includes metadata and text. IDW-S is synchronized against the ECF system once a day, a process which consists of receiving and processing the previous day’s increment of ADD, MOD, and DELETE records.

3.5.2 IntelPlus

IDW-S currently contains several IntelPlus counter-terrorism (CT) Filerooms:

- b2
- b7E
3.5.3 SAMNet

The Secure Automated Messaging Network (SAMNet) data source consists of cable traffic messages received by the FBI. SAMNet provides only ADD record types, and SAMNet data is updated in IDW-S three times a day. SAMNet data is

3.5.4 VGTOF

Violent Gang Terrorist Offender File (VGTOF) data is provided by the FBI National Crime Information Center (NCIC). VGTOF data includes two components: Data/metadata for each named individual/offender and potentially multiple JPEG images per individual.
3.5.5 JICI

The Joint Intelligence Committee Investigation (JICI) data collection was created following the September 11 attacks. Paper counter-terrorism files/folders from all FBI Field Offices is not updated.

JICI is a static collection that

3.5.6 Open Source News

The IDW-S V1.0 system contains an Open Source News library collected by the DARPA TIDES Program. These are primarily news source from around the world that are either in English or have been translated into English. Open Source News data is received in the form of text files (one per news article) and

The Open Source News data goes into IDW-S once a day. Open Source News data material is derived from the following sources:

Agencia Brasilia - http://www.radiobras.gov.br/
Al-Ahram (Egypt, weekly English version) - http://weekly.ahram.org.eg/
AllAfrica.com - http://allafrica.com/
Asahi Shimbun - http://www.asahi.com/english/
Asia Times (Hong Kong) - http://www.atimes.com/
Bangkok Post - http://www.bangkokpost.net/
Dawn (Karachi, Pakistan) - http://www.dawn.com/
Debka (Israel) - http://www.debka.com
Gulf News (UAE) - http://www.gulf-news.com/
Ha'aretz (Israel) - http://www.haaretzdaily.com/
IFRC International Federation of the Red Cross - http://www.ifrc.org/
IRIN Integrated Regional Information Network - http://www.irinnews.org/
Investigative Data Warehouse (IDW) - Secret
System Security Plan
3 December 2003
Version 0.6

Islamic Republic News Agency (Iran) - http://www.ima.com/en
Jakarta Post - http://www.thejakartapost.com/
Janes - http://www.janes.com/
Jordan Times - http://www.jordantimes.com/
L'Osservatore Romano - www.vatican.va/news_services/or/or_eng/text.html
Lebanon Daily Star (Beirut) - http://www.dailystar.com.lb/
Manila Times - http://www.manilatimes.net/
Miami Herald - http://www.miami.com/
Moscow Times - http://www.themoscowtimes.com/
National Post and CP - http://www.canada.com/
PETRA (Jordanian News Agency) - http://www.petra.gov.jo
Pakistan Observer (Islamabad) - http://pakobserver.net/
Palestine Chronicle - http://palestinechronicle.com/
People's Daily (China) - http://english.peopledaily.com.cn/
Philippine Star - http://www.philstar.com/philstar/
Pravda - http://english.pravda.ru/
ProMed - epidemiology mailing list
Russian Issues (Misc. Russian news) - http://www.therussianissues.com/
Russian Observer - http://www.russianobserver.com/
SABA (The News Agency of Yemen) - http://www.sabanews.gov.ye
South African Dispatch - http://www.dispatch.co.za/
UNHCR UN High Commissioner on Refugees - http://www.unhcr.ch/
Yemen Times (weekly) - http://www.yementimes.com/
Yomiuri Shimbun (Japan) - http://www.yomiuri.co.jp/
### 3.5.7 Summary of Data Sources

<table>
<thead>
<tr>
<th>DATA SOURCE NAME</th>
<th>DATA SOURCE</th>
<th>TRANSFER METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS</td>
<td>FBI Automated Case System (ACS)</td>
<td>FTP</td>
</tr>
<tr>
<td>IntelPlus</td>
<td>FBI Intel Plus</td>
<td>FTP</td>
</tr>
<tr>
<td>SAMNet</td>
<td>FBI Secure Automated Messaging Network (SAMNet)</td>
<td>FTP</td>
</tr>
<tr>
<td>VGTOF</td>
<td>FBI National Crime Information Center (NCIC)</td>
<td>CD-ROM</td>
</tr>
<tr>
<td>JCI</td>
<td>FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ</td>
<td>Multiple</td>
</tr>
<tr>
<td>Open Source</td>
<td>Translingual Information Detection, Extraction and Summarization (TIDES)</td>
<td>CD-ROM</td>
</tr>
<tr>
<td>News</td>
<td>Program, Defense Advanced Research Projects Agency (DARPA)</td>
<td></td>
</tr>
</tbody>
</table>
### 3.9.9 Indirect Connections

IDW connects to the following sources of data:

<table>
<thead>
<tr>
<th>Source</th>
<th>Secret</th>
<th>FBI</th>
<th>FTP</th>
</tr>
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<tbody>
<tr>
<td>FBI Automated Case System (ACS)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FBI Intel Plus</td>
<td></td>
<td></td>
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</tr>
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</table>

Outside the Scope
<table>
<thead>
<tr>
<th>FBI Secure Automated Messaging Network (SAMNet)</th>
<th>Secret</th>
<th>FBI</th>
<th>FTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBI National Crime Information Center (NOC)</td>
<td>Unclassified/SBU</td>
<td>FBI</td>
<td>CD-ROM</td>
</tr>
<tr>
<td>FBI Document Conversion Laboratory (DocLab), Records Management Division (RM) (FBIHQ)</td>
<td>Secret</td>
<td>FBI</td>
<td>Multiple</td>
</tr>
<tr>
<td>Translingual Information Detection Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)</td>
<td>Unclassified</td>
<td>NA</td>
<td>CD-ROM</td>
</tr>
<tr>
<td>Indirect Connections</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>--</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unclassified</td>
<td>NA</td>
<td></td>
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</tr>
</tbody>
</table>
SYSTEM SECURITY PLAN

INVESTIGATIVE DATA WAREHOUSE (IDW) - SECRET

17 OCTOBER 2003
VERSION: 0.1

FEDERAL BUREAU OF INVESTIGATION (FBI), INFORMATION RESOURCES DIVISION (IRD)

UNCLASSIFIED // FOR OFFICIAL USE ONLY
INVESTIGATIVE DATA WAREHOUSE (IDW) - SECRET

SYSTEM SECURITY PLAN

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- IntelPlus File Rooms; and
Investigative Data Warehouse (IDW) - Secret System Security Plan
17 October 2003
Version 0.1

- Violent Gang and Terrorist Organization File (VGTOF™) from the Criminal Justice Information Systems (CJIS) Division;
- Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data

Outside the Scope
Test & Evaluation System Test Description (TESTD) for the Investigative Data Warehouse (IDW) v.1.0-S

October 2003

Prepared by:
Science Applications International Corporation
1213 Jefferson Davis Highway, Suite 1200
Arlington, Virginia 22202
• Primary Data Sources:
  - JICI
  - SAMNET
  - ACS ECF
  - INTEL+
  - Open Source
  - VGTOF

Outside the Scope

b2
b7E
FEDERAL BUREAU OF INVESTIGATION

INFORMATION RESOURCES DIVISION

DATA/INFORMATION MANAGEMENT SECTION

Test & Evaluation Master Plan (TEMP) for the Investigative Data Warehouse (IDW)

October 2003

Prepared by:

Science Applications International Corporation
1213 Jefferson Davis Highway, Suite 1200
Arlington, Virginia 22202

SAIC
An Employee-Owned Company
Primary Data Sources:
- JICI
- SAMNET
- ACS ECF
- INTEL+
- Open Source
- VGTOF

Outside the Scope
System Security Plan

Investigative Data Warehouse-SECRET (IDW-S)

5 DECEMBER 2003
Version: 0.7

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-07-2008 BY 65199 DHK/BJA/CAL

Federal Bureau of Investigation (FBI), Information Resources Division (IRD)
Investigative Data Warehouse (IDW) - Secret System Security Plan

INTRODUCTION

The Federal Bureau of Investigation's (FBI) Investigative Data Warehouse (IDW-S) is an initial data warehouse, content management and data mining system that will permit FBI investigative, analytical, administrative and intelligence personnel to access aggregated data previously only available through individual applications. The IDW-S system will be authorized to process classified national security data up to, and including, Secret. The IDW-S system is the successor of the Secure Counter-Terrorism/Collaboration Operational Prototype Environment (SCOPE).
• IntelPlus File Rooms; and
• Violent Gang and Terrorist Organization File (VGTOF™) from the Criminal Justice Information Systems (CJIS) Division;
• Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data.

Outside the Scope
Data Sources

IDW-S contains data from the following data sources with security classification indicated in brackets:

Outside the Scope
- Automated Case Support (ACS) System, Electronic Case File (ECF) Subsystem [Secret and below]
- IntelPlus [Secret and below]
- Secure Automated Message Network – Secret (SAMNet-S) [Secret and below]
- NCIC Violent Gang and Terrorist Offender File (VGTFO) [Sensitive But Unclassified]
- Joint Intelligence Committee Investigation (JICI) [Secret and below]
- DARPA/TIDES Open Source News [Unclassified]

Data from each source is held in an identified source Library against which users can direct the analytical tools.

Data Ingest
IDW-S receives data from sources by FTP over FBINet (ACS ECF, IntelPlus, and SAMNet) and CD-ROM (VGTFO, Open Source News)

- Data is received by the Ingest Subsystem
- Outside the Scope
  - Received data is parsed into individual serial records (in the case of ACS ECF), documents (IntelPlus, JICI, Open Source News), messages (SAMNet), or files (VGTFO).
have been officially sanctioned for inclusion in IDW. For each such serial, the ECF data includes metadata and text. IDW-S is synchronized against the ECF system once a day, a process which consists of receiving and processing the previous day's increment of ADD, MOD, and DELETE records.

3.5.2 IntelPlus

IDW-S currently contains several IntelPlus counter-terrorism (CT) Filerooms:

- 
- 
- 
- 
- 

3.5.3 SAMNet

The Secure Automated Messaging Network (SAMNet) data source consists of cable traffic messages received by the FBI. SAMNet provides only ADD record types, and SAMNet data is updated in IDW-S three times a day. SAMNet data is

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UNCLASSIFIED // FOR OFFICIAL USE ONLY
3.5.4 VGTOF

Violent Gang Terrorist Offender File (VGTOF) data is provided by the FBI National Crime Information Center (NCIC). VGTOF data includes two components: Data/metadata for each named individual/offender and potentially multiple JPEG images per individual.

3.5.5 JICI

The Joint Intelligence Committee Investigation (JICI) data collection was created following the September 11 attacks. Paper counter-terrorism files/folders from all FBI Field Offices.

JICI is a static collection that is not updated.

3.5.6 Open Source News

The IDW-S V1.0 system contains an Open Source News library collected by the DARPA TIDES Program. These are primarily news sources from around the world that are either in English or have been translated into English. Open Source News data is received in the form of text files (one per news article) and is translated into English. The Open Source News data goes into IDW-S once a day. Open Source News data is derived from the following sources:

Agencia Brasil - http://www.radiobras.gov.br/
Al-Ahram (Egypt, weekly English version) - http://weekly.ahram.org.eg/
AllAfrica.com - http://allfrica.com/
Asahi Shimbun - http://www.asahi.com/english/
Asia Times (Hong Kong) - http://www.atimes.com/
Bangkok Post - http://www.bangkokpost.net/
Investigative Data Warehouse (IDW) - Secret System Security Plan
December 2003
Version 0.7

Dawn (Karachi, Pakistan) - http://www.dawn.com/
Debka (Israel) - http://www.debka.com
Gulf News (UAE) - http://www.gulf-news.com/
Ha'aretz (Israel) - http://www.haaretzdaily.com/
IFRC International Federation of the Red Cross - http://www.ifrc.org/
IRIN Integrated Regional Information Network - http://www.irinnews.org/
Islamic Republic News Agency (Iran) - http://www.ima.com/en
Jakarta Post - http://www.thejakartapost.com/
Janes - http://www.janes.com/
Jordan Times - http://www.jordantimes.com/
L'Osservatore Romano - www.vatican.va/news_services/it/or/eng/text.html
Lebanon Daily Star (Beirut) - http://www.dailystar.com.lb/
Manila Times - http://www.manilatimes.net/
Miami Herald - http://www.miami.com/
Moscow Times - http://www.themoscowtimes.com/
National Post and CP - http://www.canada.com/
PETRA (Jordanian News Agency) - http://www.petra.gov.jo
Pakistan Observer (Islamabad) - http://pakobserver.net/
Palestine Chronicle - http://palestinechronicle.com/
People's Daily (China) - http://english.peopledaily.com.cn/
Pravda - http://english.pravda.ru/
ProMed - epidemiology mailing list
Russian Issues (Misc. Russian news) - http://www.therussianissues.com/
Russian Observer - http://www.russianobserver.com/
SABA (The News Agency of Yemen) - http://www.sabanews.gov.ye
South African Dispatch - http://www.dispatch.co.za/
UNHCR UN High Commissioner on Refugees - http://www.unhcr.ch/
3.5.7 Summary of Data Sources

<table>
<thead>
<tr>
<th>DATA SOURCE NAME</th>
<th>DATA SOURCE</th>
<th>TRANSFER METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS</td>
<td>FBI Automated Case System (ACS)</td>
<td>FTP</td>
</tr>
<tr>
<td>IntelPlus</td>
<td>FBI Intel Plus</td>
<td>FTP</td>
</tr>
<tr>
<td>SAMNet</td>
<td>FBI Secure Automated Messaging Network (SAMNet)</td>
<td>FTP</td>
</tr>
<tr>
<td>V.GTOF</td>
<td>FBI National Crime Information Center (NCIC)</td>
<td>CD-ROM</td>
</tr>
<tr>
<td>JICI</td>
<td>FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ</td>
<td>Multiple</td>
</tr>
<tr>
<td>DATA SOURCE</td>
<td>DATA SOURCE</td>
<td>TRANSFER METHOD</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Open Source News</td>
<td>Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defence Advanced Research Projects Agency (DARPA)</td>
<td>CD-ROM</td>
</tr>
</tbody>
</table>

Outside the Scope
3.9.9 Indirect Connections

IDW-S connects to the following sources of data:

<table>
<thead>
<tr>
<th>SYSTEM NAME</th>
<th>CLASSIFICATION &amp; COMPARTMENTATION</th>
<th>AUTHORIZED BY</th>
<th>TRANSFER METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBI Automated Case System (ACS)</td>
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<td>FBI</td>
<td>FTP</td>
</tr>
<tr>
<td>FBI Intel Plus</td>
<td>Secret</td>
<td>FBI</td>
<td>FTP</td>
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</table>

Outside the Scope
<table>
<thead>
<tr>
<th>SYNONYM NAME</th>
<th>CLASSIFICATION &amp; COMPTOWNERS</th>
<th>ATTRIBUTED BY</th>
<th>TRANSFER METHOD</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBI Secure Automated Messaging Network (SAMNet)</td>
<td>Secret</td>
<td>FBI</td>
<td>FTP</td>
<td></td>
</tr>
<tr>
<td>FBI National Crime Information Center (NCIC)</td>
<td>Unclassified/SBU</td>
<td>FBI</td>
<td>CD-ROM</td>
<td></td>
</tr>
<tr>
<td>FBI Document Conversion Laboratory (DocLab), Records Management Division (RMD), FBIHQ</td>
<td>Secret</td>
<td>FBI</td>
<td>Multiple</td>
<td></td>
</tr>
<tr>
<td>Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)</td>
<td>Unclassified</td>
<td>NA</td>
<td>CD-ROM</td>
<td></td>
</tr>
<tr>
<td>SYSTEM NAME</td>
<td>CLASSIFICATION</td>
<td>ATTACHED BY</td>
<td>TRANSFER METHOD</td>
<td>COMMENTS</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------</td>
<td>-------------</td>
<td>-----------------</td>
<td>----------</td>
</tr>
<tr>
<td>Unclassified</td>
<td>NA</td>
<td>CD-ROM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Indirect Connections
System Security Plan

Investigative Data Warehouse-SECRET (IDW-S)

08 January 2004
Version: 0.9

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-07-2008 BY 65179 DMH/BJA/CAL

Federal Bureau of Investigation (FBI),
Information Resources Division (IRD)
Investigative Data Warehouse (IDW) - Secret
System Security Plan

INTRODUCTION

The Federal Bureau of Investigation's (FBI) Investigative Data Warehouse Secret System (IDW-S) is an initial data warehouse, content management and data mining system that will permit FBI investigative, analytical, administrative and intelligence personnel to access aggregated data previously only available through individual applications. The IDW-S system will be authorized to process classified national security data up to, and including, Secret. The IDW-S system is the successor to the Secure Collaboration Operational Prototype Environment (SCOPE), which originally was named the Secure Counter-Terrorism Operational Prototype Environment.

Data processed by the system will include the following data sets:

- Approved case files from the FBI's Automated Case Support (ACS) case management system;
- Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;

Outside the Scope
Outside the Scope
3.5. DATA PROCESSED

IDW-S processes data from the following data sources, with the security classification of the source indicated in brackets:

- Automated Case Support (ACS) System, Electronic Case File (ECF) Subsystem [Secret and below]
- IntelPlus [Secret and below]
- Secure Automated Message Network – Secret (SAMNet-S) [Secret and below]
- NCIC Violent Gang and Terrorist Offender File (VGTOP) [Sensitive But Unclassified]
- Joint Intelligence Committee Investigation (JICI) [Secret and below]
- DARPA/TIDES Open Source News [Unclassified]

<table>
<thead>
<tr>
<th>DATASET NAME</th>
<th>DATA SOURCE</th>
<th>TRANSFER METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS Electronic Case Files (ECF)</td>
<td>FBI Automated Case System (ACS)</td>
<td>FTP</td>
</tr>
<tr>
<td>IntelPlus Filerooms</td>
<td>FBI IntelPlus</td>
<td>FTP</td>
</tr>
</tbody>
</table>
### 3.5.1 ACS ECF

IDW-S contains a subset of the ECF (Electronic Case File) subsystem of the Automated Case System (ACS). This subset consists of serials in those case classifications/sub classifications that have been officially sanctioned for inclusion in IDW-S. For each such serial, the ECF data includes metadata and text. IDW-S is synchronized against the ECF system once a day, a process which consists of receiving and processing the previous day’s increment of ADD, MOD, and DELETE records.

### 3.5.2 IntelPlus

IDW-S currently contains several IntelPlus counter-terrorism (CT) Filerooms:

- **Outside the Scope**

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**UNCLASSIFIED // FOR OFFICIAL USE ONLY**
3.5.3 SAMNet
The Secure Automated Messaging Network (SAMNet) data source consists of cable traffic messages received by the FBI. SAMNet provides only ADD record types, and SAMNet data is updated in IDWS three times a day. SAMNet.

3.5.4 VGTOF
Violent Gang Terrorist Offender File (VGTOF) data is provided by the FBI National Crime Information Center (NCIC). VGTOF data includes two components: Data/metadata for each named individual/offender and potentially multiple JPEG images per individual. The data/metadata for each individual.

3.5.5 JICI
The Joint Intelligence Committee Investigation (JICI) data collection was created following the September 11 attacks. Paper counter-terrorism files/folders from all FBI Field Offices.

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UNCLASSIFIED // FOR OFFICIAL USE ONLY
3.5.6 Open Source News

The IDW-S V1.0 system contains an Open Source News library collected by the DARPA TIDES Program. These are primarily news source from around the world that are either in English or have been translated into English. Open Source News data is received in the form of text files (one per news article). The Open Source News data goes into IDW-S once a day. Open Source News data is a static collection that is not updated.
Open Source News material is derived from the following sources:

Agencia Brasilia - http://www.radiobras.gov.br/
Al-Ahram (Egypt, weekly English version) - http://weekly.ahram.org.eg/
AllAfrica.com - http://allAfrica.com/
Asahi Shimbun - http://www.asahi.com/english/
Asia Times (Hong Kong) - http://www.atimes.com/
Bangkok Post - http://www.bangkokpost.net/
Crescent International - http://www.muslimmedia.ca/crescent/mainpage.htm
Dawn (Karachi, Pakistan) - http://www.dawn.com/
Debka (Israel) - http://www.debka.com
Gulf News (UAE) - http://www.gulf-news.com/
Ha'aretz (Israel) - http://www.haaretzdaily.com/
IFRC International Federation of the Red Cross - http://www.ifrc.org/
IRIN Integrated Regional Information Network - http://www.irinnews.org/
Islamic Republic News Agency (Iran) - http://www.irna.com/en
Jakarta Post - http://www.thejakartapost.com/
Janes - http://www.janes.com/
Jordan Times - http://www.jordantimes.com/
L'Osservatore Romano - www.vatican.va/news_services/or/or_eng/text.html
Lebanon Daily Star (Beirut) - http://www.dailystar.com.lb/
Manila Times - http://www.manilatimes.net/
Miami Herald - http://www.miami.com/
Moscow Times - http://www.themoscowtimes.com/
National Post and CP - http://www.canada.com/
PETRA (Jordanian News Agency) - http://www.petra.gov.jo
Pakistan Observer (Islamabad) - http://pakobserver.net/
Palestine Chronicle - http://palestinechronicle.com/
People's Daily (China) - http://english.peopledaily.com.cn/
Philippine Star - http://www.philstar.com/philstar/
Pravda - http://english.pravda.ru/
ProMed - epidemiology mailing list
Russian Issues (Misc. Russian news) - http://www.therussianissues.com/
Russian Observer - http://www.russianobserver.com/
SABA (The News Agency of Yemen) - http://www.sabanews.gov.ye
South African Dispatch - http://www.dispatch.co.za/
UNHCR UN High Commissioner on Refugees - http://www.unhcr.ch/
XinHua News Service - http://www.xinhuanet.com/english/
Yemen Times (weekly) - http://www.yementimes.com/
Yomiuri Shimbun (Japan) - http://www.yomiuri.co.jp/
### 3.9.9 Indirect Connections

IDW-S connects to the following sources of data:

<table>
<thead>
<tr>
<th>SYSTEM NAME</th>
<th>CLASSIFICATION &amp; COMPLIANCE</th>
<th>ACCESS BY</th>
<th>Transfer Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBI Automated Case System (ACS)</td>
<td>Secret</td>
<td>FBI</td>
<td>FTP</td>
</tr>
<tr>
<td>FBI Intel Plus</td>
<td>Secret</td>
<td>FBI</td>
<td>FTP</td>
</tr>
</tbody>
</table>

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Outside the Scope

---

b2

b7E

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UNCLASSIFIED // FOR OFFICIAL USE ONLY
<table>
<thead>
<tr>
<th>System Name</th>
<th>Classification &amp; Compartments</th>
<th>Authorized By</th>
<th>Transfer Method</th>
<th>Comments</th>
</tr>
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<tbody>
<tr>
<td>FBI Secure Automated Messaging Network (SAMNet)</td>
<td>Secret</td>
<td>FBI</td>
<td>FTP</td>
<td></td>
</tr>
<tr>
<td>FBI National Crime Information Center (NCIC)</td>
<td>Unclassified/SBU</td>
<td>FBI</td>
<td>CD-ROM</td>
<td></td>
</tr>
<tr>
<td>FBI Document Conversion Laboratory (DocLab), Records Management Division (RMD), FBHQ</td>
<td>Secret</td>
<td>FBI</td>
<td>CD/DVD</td>
<td></td>
</tr>
<tr>
<td>Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)</td>
<td>Unclassified</td>
<td>NA</td>
<td>CD-ROM</td>
<td></td>
</tr>
</tbody>
</table>

Outside the Scope

b2
b7E
<table>
<thead>
<tr>
<th>SYSTEM NAME</th>
<th>CLASSIFICATION &amp; COMPARTMENTS</th>
<th>ACCREDITED BY</th>
<th>TRANSFER METHOD</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
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<td>Unclassified</td>
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<td>CD-ROM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Indirect Connections

b2
b7E

UNCLASSIFIED // FOR OFFICIAL USE ONLY
1.2.2 Supported Projects

IDW-S is an FBI enterprise program/system and utilizes data feeds from several FBI (and other agency) programs.

<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>CLASSIFICATION/ COMPARTMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automated Case System (ACS)</td>
<td>Secret</td>
</tr>
<tr>
<td>Intel Plus</td>
<td>Secret</td>
</tr>
<tr>
<td>Secure Automated Messaging Network (SAMNet)</td>
<td>Secret</td>
</tr>
<tr>
<td>National Crime Information Center (NCIC)</td>
<td>Sensitive But Unclassified (SBU)</td>
</tr>
<tr>
<td>Document Conversion Laboratory (DocLab)</td>
<td>Secret</td>
</tr>
<tr>
<td>PROJECT NAME</td>
<td>CLASSIFICATION / COMPARTMENTS</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Translingual Information Detection, Extraction and Summarization (TIDES) Program</td>
<td>Unclassified</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Outside the Scope
System Security Plan

Investigative Data Warehouse-SECRET (IDW-S)

ALL INFORMATION CONTAINED HEREBIN IS UNCLASSIFIED
DATE 01-07-2006 BY 65179 DMH/BJA/CAI

16 January 2004
Version: 1.0

Federal Bureau of Investigation (FBI),
Information Resources Division (IRD)
Investigative Data Warehouse (IDW) - Secret
System Security Plan

INTRODUCTION

The Federal Bureau of Investigation's (FBI) Investigative Data Warehouse Secret System (IDW-S) is an initial data warehouse, content management and data mining system that will permit FBI investigative, analytical, administrative and intelligence personnel to access aggregated data previously only available through individual applications. The IDW-S system will be authorized to process classified national security data up to, and including, Secret. The IDW-S system is the successor to the Secure Collaboration Operational Prototype Environment (SCOPE), which originally was named the Secure Counter-Terrorism Operational Prototype Environment.

Data processed by the system will include the following data sets:

- Approved case files from the FBI's Automated Case Support (ACS) case management system;
- Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;
- Secure Automated Messaging Network (SAMNet) message traffic;
- IntelPlus File Rooms; and
- Violent Gang and Terrorist Organization File (VGTOF) from the Criminal Justice Information Systems (CJIS) Division;
- Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data

Outside the Scope
1.2.2 Supported Projects

IDW-S is an FBI enterprise program/system and utilizes data feeds from several FBI (and other agency) programs.

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</thead>
<tbody>
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<td>Automated Case System (ACS)</td>
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<tr>
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<td>Secret</td>
</tr>
<tr>
<td>PROJECT NAME</td>
<td>CLASSIFICATION / COMPARTMENTS</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Translingual Information Detection, Extraction and Summarization (TIDES) Program</td>
<td>Unclassified</td>
</tr>
</tbody>
</table>

b2
b7E
Outside the Scope
3.5. **DATA PROCESSED**

IDW-S processes data from the following data sources, with the security classification of the source indicated in brackets:

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- IntelPlus [Secret and below]
- Secure Automated Message Network – Secret (SAMNet-S) [Secret and below]
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<table>
<thead>
<tr>
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<th>DATA SOURCE</th>
<th>TRANSFER METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS Electronic Case Files (ECF)</td>
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<tr>
<td>IntelPlus Filerooms</td>
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<td>FTP</td>
</tr>
<tr>
<td>VGTOF</td>
<td>FBI National Crime Information Center (NCIC)</td>
<td>CD-ROM</td>
</tr>
</tbody>
</table>
3.5.1 ACS ECF

IDW-S contains a subset of the ECF (Electronic Case File) subsystem of the Automated Case System (ACS). This subset consists of serials in those case classifications/sub classifications that have been officially sanctioned for inclusion in IDW-S. For each such serial, the ECF data includes metadata and text. IDW-S is synchronized against the ECF system once a day, a process which consists of receiving and processing the previous day's increment of ADD, MOD, and DELETE records.

3.5.2 IntelPlus

IDW-S currently contains several IntelPlus counter-terrorism (CT) Filerooms:

- b2
- b7E
3.5.3 SAMNet

The Secure Automated Messaging Network (SAMNet) data source consists of cable traffic messages received by the FBI. SAMNet provides only ADD record types, and SAMNet data is updated in IDW-S three times a day. SAMNet data

3.5.4 VGTOF

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3.5.5 JICI

JICI is a static collection that is not updated.
3.5.6 Open Source News

The IDW-S V1.0 system contains an Open Source News library collected by the DARPA TIDES Program. These are primarily news sources from around the world that are either in English or have been translated into English. Open Source News data is received in the form of text files (one per news article). The Open Source News data goes into IDW-S once a day. Open Source News data is...
### 3.9.9 Indirect Connections

IDW-S connects to the following sources of data:

<table>
<thead>
<tr>
<th>System Name</th>
<th>Classification &amp; Compartments</th>
<th>Accredited By</th>
<th>Transfer Method</th>
</tr>
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<tbody>
<tr>
<td>FBI Automated Case System (ACS)</td>
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<tr>
<td>FBI Intel Plus</td>
<td>Secret</td>
<td>FBI</td>
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<tr>
<td>FBI Secure Automated Messaging Network (SAMNet)</td>
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<td>FBI</td>
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<td>FBI</td>
<td>CD-ROM</td>
</tr>
<tr>
<td>SYSTEM NAME</td>
<td>CLASSIFICATION &amp; COMPARTMENTS</td>
<td>ACCREDITED BY</td>
<td>TRANSFER METHOD</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------------------------</td>
<td>---------------</td>
<td>----------------</td>
</tr>
<tr>
<td>FBI Document Conversion Laboratory (DocLab), Records Management Division (RMD), FBIHQ</td>
<td>Secret</td>
<td>FBI</td>
<td>CD/DVD</td>
</tr>
<tr>
<td>Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)</td>
<td>Unclassified</td>
<td>NA</td>
<td>CD-ROM</td>
</tr>
<tr>
<td>Unclassified</td>
<td>NA</td>
<td>CD-ROM</td>
<td></td>
</tr>
</tbody>
</table>
System Security Plan

Investigative Data Warehouse-SECRET (IDW-S)

5 DECEMBER 2003
Version: 0.7

Federal Bureau of Investigation (FBI), Information Resources Division (IRD)
Investigative Data Warehouse (IDW) - Secret System Security Plan

INTRODUCTION

The Federal Bureau of Investigation's (FBI) Investigative Data Warehouse Secret System (IDW-S) is an initial data warehouse, content management and data mining system that will permit FBI investigative, analytical, administrative and intelligence personnel to access aggregated data previously only available through individual applications. The IDW-S system will be authorized to process classified national security data up to, and including, Secret. The IDW-S system is the successor to the Secure Collaboration Operational Prototype Environment (SCOPE), which originally was named the Secure Counter-Terrorism Operational Prototype Environment.

Data processed by the system will include the following data sets:

- Approved case files from the FBI’s Automated Case Support (ACS) case management system;
- Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;
- Secure Automated Messaging Network (SAMNet) message traffic;
- IntelPlus File Rooms; and
- Violent Gang and Terrorist Organization File (VGTOF) from the Criminal Justice Information Systems (CJIS) Division;
- Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data

Outside the Scope
IDW-S contains data from the following data sources with security classification indicated in brackets:

Outside the Scope
• Automated Case Support (ACS) System, Electronic Case File (ECF) Subsystem [Secret and below]
• IntelPlus [Secret and below]
• Secure Automated Message Network – Secret (SAMNet-S) [Secret and below]
• NCIC Violent Gang and Terrorist Offender File (VGTOF) [Sensitive But Unclassified]
• Joint Intelligence Committee Investigation (JICI) [Secret and below]
• DARPA/TIDES Open Source News [Unclassified]

Data from each source is held in an identified source Library against which users can direct the analytical tools.

Outside the Scope

Data is received by the Ingest Subsystem

- Received data is parsed into individual serial records (in the case of ACS ECF), documents (IntelPlus, JICI, Open Source News), messages (SAMNet), or files (VGTOF).
3.5. DATA PROCESSED

IDW-S processes the following data:

3.5.1 ACS ECF

IDW-S contains a subset of the ECF (Electronic Case File) subsystem of the Automated Case System (ACS). This subset consists of serials in those case classifications/sub classifications that
have been officially sanctioned for inclusion in IDW-S. For each such serial, the ECF data includes metadata and text. IDW-S is synchronized against the ECF system once a day, a process which consists of receiving and processing the previous day's increment of ADD, MOD, and DELETE records.

3.5.2 IntelPlus
IDW-S currently contains several IntelPlus counter-terrorism (CT) Filerooms:

- 
- 
- 
- 
- 

3.5.3 SAMNet
The Secure Automated Messaging Network (SAMNet) data source consists of cable traffic messages received by the FBI.

SAMNet provides only ADD record types, and SAMNet data is updated in IDW-S three times a day. SAMNet data is
3.5.4 VGTOF

Violent Gang Terrorist Offender File (VGTOF) data is provided by the FBI National Crime Information Center (NCIC). VGTOF data includes two components: Data/metadata for each named individual/offender and potentially multiple JPEG images per individual.

3.5.5 JICI

The Joint Intelligence Committee Investigation (JICI) data collection was created following the September 11 attacks. Paper counter-terrorism files/folders from all FBI Field Offices.

JICI is a static collection that is not updated.

3.5.6 Open Source News

The IDW-S V1.0 system contains an Open Source News library collected by the DARPA TIDES Program. These are primarily news sources from around the world that are either in English or have been translated into English. Open Source News data is received in the form of text files (one per news article) and The Open Source News data goes into IDW-S once a day. Open Source News data is derived from the following sources:

- Agencia Brasilia - http://www.radiobras.gov.br/
- Al-Ahram (Egypt, weekly English version) - http://weekly.ahram.org.eg/
- AllAfrica.com - http://allAfrica.com/
- Asia Times (Hong Kong) - http://www.atimes.com/
- Bangkok Post - http://www.bangkokpost.net/
### 3.5.7 Summary of Data Sources

<table>
<thead>
<tr>
<th>Dataset Name</th>
<th>Data Source</th>
<th>Transfer Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS</td>
<td>FBI Automated Case System (ACS)</td>
<td>FTP</td>
</tr>
<tr>
<td>IntelPlus</td>
<td>FBI Intel Plus</td>
<td>FTP</td>
</tr>
<tr>
<td>SAMNet</td>
<td>FBI Secure Automated Messaging Network (SAMNet)</td>
<td>FTP</td>
</tr>
<tr>
<td>VGTOF</td>
<td>FBI National Crime Information Center (NCIC)</td>
<td>CD-ROM</td>
</tr>
<tr>
<td>JCI</td>
<td>FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ</td>
<td>Multiple</td>
</tr>
</tbody>
</table>

Outside the Scope

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-25-

UNCLASSIFIED // FOR OFFICIAL USE ONLY
<table>
<thead>
<tr>
<th>DATASET NAME</th>
<th>DATA SOURCE</th>
<th>TRANSFER METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Source</td>
<td>Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)</td>
<td>CD-ROM</td>
</tr>
</tbody>
</table>
3.9.9 Indirect Connections

IDW-S connects to the following sources of data:

<table>
<thead>
<tr>
<th>SYSTEM NAME</th>
<th>CLASSIFICATION &amp; COMPLEXITY</th>
<th>AGENT REQUIRED BY</th>
<th>TRANSFER METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBI Automated Case System (ACS)</td>
<td>Secret</td>
<td>FBI</td>
<td>FTP</td>
</tr>
<tr>
<td>FBI Intel Plus</td>
<td>Secret</td>
<td>FBI</td>
<td>FTP</td>
</tr>
</tbody>
</table>

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UNCLASSIFIED // FOR OFFICIAL USE ONLY
<table>
<thead>
<tr>
<th>SYSTEM NAME</th>
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<th>ACQUIRED BY</th>
<th>TRANSFER METHOD</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBI Secure Automated Messaging Network (SAMNet)</td>
<td>Secret</td>
<td>FBI</td>
<td>FTP</td>
<td></td>
</tr>
<tr>
<td>FBI National Crime Information Center (NCIC)</td>
<td>Unclassified/SBU</td>
<td>FBI</td>
<td>CD-ROM</td>
<td></td>
</tr>
<tr>
<td>FBI Document Conversion Laboratory (DocLab), Records Management Division (RMD), FBIHQ</td>
<td>Secret</td>
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</tbody>
</table>

Outside the Scope

b2
b7TE
### Table: Indirect Connections

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<tr>
<th>NAME</th>
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<td>b7E</td>
</tr>
</tbody>
</table>

-42-
Investigative Data Warehouse
Maintenance Manual
Version 1.1 for Authority to Operate
June 11, 2004
1 Introduction
The Federal Bureau of Investigation (FBI) Integrated Data Warehouse (IDW) is a data warehouse, content management, and data mining system that will permit FBI investigative, analytical, administrative, and intelligence personnel to access aggregated data previously available only through individual applications. The IDW-S system will be authorized to process classified national security data up to, and including, the Secret level.

Data processed by the system will include the following data sets:

- Approved case files from the FBI’s Automated Case Support (ACS) case management system;
- Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;
- Secure Automated Messaging Network (SAMNet) message traffic;
- IntelPlus File Rooms;
- Violent Gang and Terrorist Organization File (VGTOF) from the Criminal Justice Information Systems (CJIS) Division; and
- Open Source Data
Investigative Data Warehouse
System Administrators Manual
Version 1.1 for Authority to Operate
June 11, 2004

Note: Hardcopy versions of this document must be verified for correct version number with the IDW CM Document Control Library.
SAM NG-OM-005.11ATO
FOR OFFICIAL USE ONLY
1.4.1.1 Data Sources

The FBI maintains large databases of records. These records are recorded in both standard and vendor/developer unique formats.

Data processed by the system includes the following sources:

- Approved case files from the FBI’s Automated Case Support (ACS) management system;
- Electronic versions of the Joint Intelligence Committee Investigation (JICI) defined archived documents;
- Secure Automated Messaging Network (SAMNet) message traffic;
- IntelPlus (INTEL+) File Rooms;

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• Violent Gang and Terrorist Organization File (VGTOF) from the Criminal Justice Information Systems (CJIS) Division;
• Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data.
Security Concept of Operations (S-CONOPS)
Investigative Data Warehouse (IDW)

Document Version 1.1

June 18, 2004
The table below lists the data and sources for the Operational Subsystem.
<table>
<thead>
<tr>
<th>DATA SOURCE</th>
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<th>CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS</td>
<td>FBI Automated Case System (ACS)</td>
<td>Secret and below</td>
</tr>
<tr>
<td>IntelPlus Filerooms</td>
<td>FBI IntelPlus</td>
<td>Secret and below</td>
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</tr>
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<td>Open Source News</td>
<td>MITAP</td>
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</tr>
</tbody>
</table>

Operational Subsystem Data Sources

The data flow begins at the external data sources. These sources include various FBI databases including ACS, SAMNET, Intelplus and several others.
The table below lists the data and sources for the SPT Subsystem.
<table>
<thead>
<tr>
<th>DATASET TYPE</th>
<th>DATA SOURCE</th>
<th>CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBI Case Data</td>
<td>FBI Automated Case System (ACS)</td>
<td>Secret and below</td>
</tr>
<tr>
<td>Financial Center (FinCen) Data</td>
<td></td>
<td>SBU</td>
</tr>
<tr>
<td>Various Lists of Data</td>
<td>Various Sources, e.g., Transportation Security Administration (TSA)</td>
<td>SBU</td>
</tr>
<tr>
<td>Various CTD Datasets</td>
<td>FBI Counterterrorism Division (CTD)</td>
<td>Secret and below</td>
</tr>
<tr>
<td>Telephone Data</td>
<td>Database of telephone numbers from ACS indexed by phone number, names, addresses, and case numbers</td>
<td>Secret and below</td>
</tr>
</tbody>
</table>

**SPT Data Sets**

**Outside the Scope**
Security Concept of Operations (S-CONOPS)
Investigative Data Warehouse (IDW)
(IDW-S, IDW-I, SPT Subsystem, & DocLab)

Document Version 1.1

June 18, 2004
The data flow begins at the external data sources. These sources include various FBI databases including ACS, SAMNET, Intelplus and several others.

**Operational Subsystem Data Sources**

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</tr>
<tr>
<td>Open Source News</td>
<td>MITAP</td>
<td>Unclassified</td>
</tr>
</tbody>
</table>
2.3.2 Special Projects Team (SPT) Subsystem

The Special Projects Team (SPT) Subsystem allows for the rapid import of new specialized data sources. These data sources are not made available to the general IDW users but instead are provided to a small group of users who have a demonstrated "need-to-know". The SPT System is similar in function to the IDW-S system. With the main difference is a different set of data sources. The SPT System allows it's users to access not only the standard IDW Data Store but the specialized SPT Data Store.

The table below lists the data and sources for the SPT Subsystem.
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