System Security Plan

Investigative Data Warehouse-SECRET (IDW-S)

16 January 2004

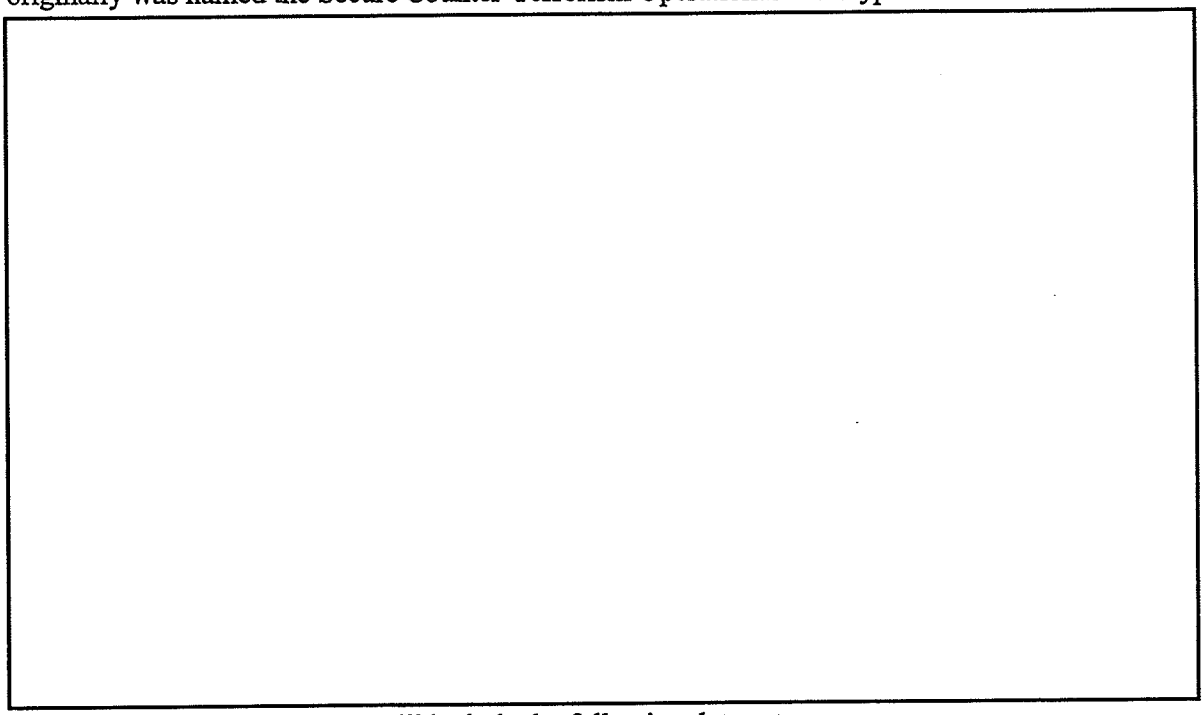
Version: 1.0

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: Outside the Scope

- 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

[redacted]

Outside the Scope

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.

PROJECT NAME	CLASSIFICATION / COMPARTMENTS
Automated Case System (ACS	Secret
Intel Plus	Secret
Secure Automated Messaging Network (SAMNet)	Secret
National Crime Information Center (NCIC)	Sensitive But Unclassified (SBU)
Document Conversion Laboratory (DocLab)	Secret

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PROJECT NAME	CLASSIFICATION / COMPARTMENTS	
Translingual Information Detection, Extraction and Summarization (TIDES) Program	Unclassified	

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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 (VGTOF) [Sensitive But Unclassified]
- Joint Intelligence Committee Investigation (JICI) [Secret and below]
- DARPA/TIDES Open Source News [Unclassified]

Outside the Scope

DATASET NAME	DATA SOURCE	TRANSFER METHOD
ACS Electronic Case Files (ECF)	FBI Automated Case System (ACS	FTP
IntelPlus Filerooms	FBI IntelPlus	FTP
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	FTP
VGTOF	FBI National Crime Information Center (NCIC)	CD-ROM

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DATASET NAME	DATA SOURCE	TRANSFER METHOD	
JICI	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Multiple	
Open Source News	Translingual Information Detection, Extraction and Summarization (TIDES) Program	CD-ROM	

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Data Sources w/Transfer Mechanism

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

Outside the Scope

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

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[redacted]

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3.5.3 SAMNet

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

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. [redacted]

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3.5.5 JICI

[redacted]

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JICI is a static collection that is not updated. [redacted]

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) [redacted] The Open Source News data goes into IDW-S once a day. Open Source News data is [redacted] b2 b7E

[redacted]

Outside the Scope

[redacted]

3.9.9 Indirect Connections

Outside the Scope

IDW-S connects to the following sources of data:

SYSTEM NAME	CLASSIFICATION & COMPARTMENTS	ACCREDITED BY	TRANSFER METHOD
FBI Automated Case System (ACS	Secret	FBI	FTP
FBI Intel Plus	Secret	FBI	FTP
FBI Secure Automated Messaging Network (SAMNet)	Secret	FBI	FTP
FBI National Crime Information Center (NCIC)	Unclassified/SBU	FBI	CD-ROM

[redacted]

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SYSTEM NAME	CLASSIFICATION & COMPARTMENTS	ACCREDITED BY	TRANSFER METHOD	COMMENTS
FBI Document Conversion Laboratory (DocLab), Records Management Division (RMD), FBIHQ	Secret	FBI	CD/DVD	
Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)	Unclassified	NA	CD-ROM	
	Unclassified	NA	CD-ROM	

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Indirect Connections

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.

[redacted]

[redacted]

Outside the Scope

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

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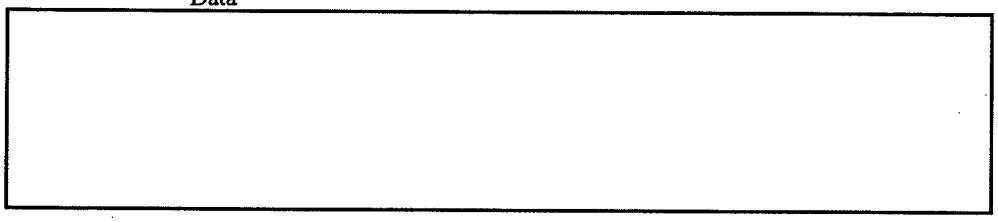
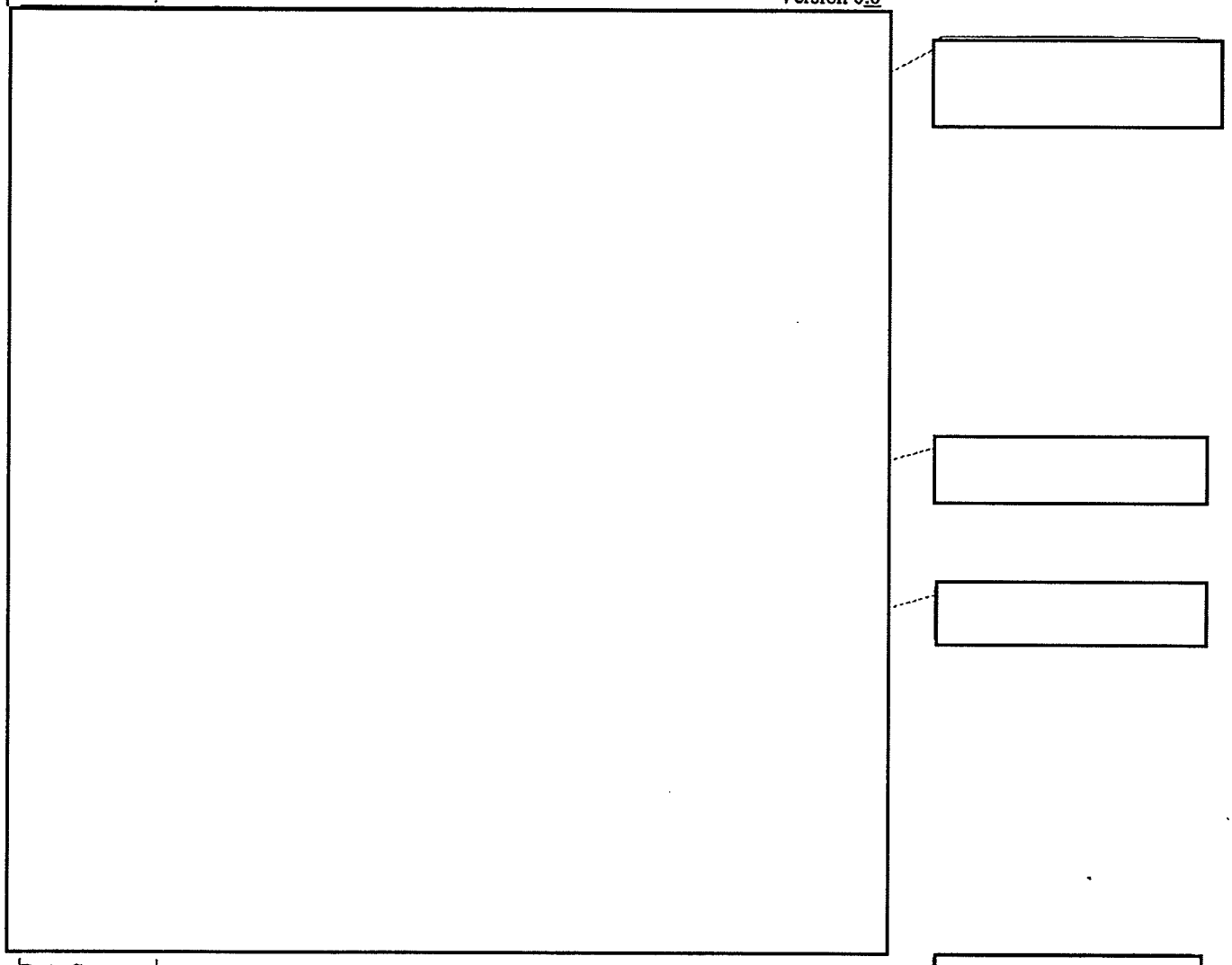
- IntelPlus File Rooms; and
- Violent Gang and Terrorist Organization File (VGTOF") from the Criminal Justice Information Systems (CJIS) Division;
- Defense Advanced Research Projects Agency (DARPA) Translingual Information Detection, Extraction and Summarization (TIDES) Open Source Data



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 (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
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  - 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).

Outside the Scope

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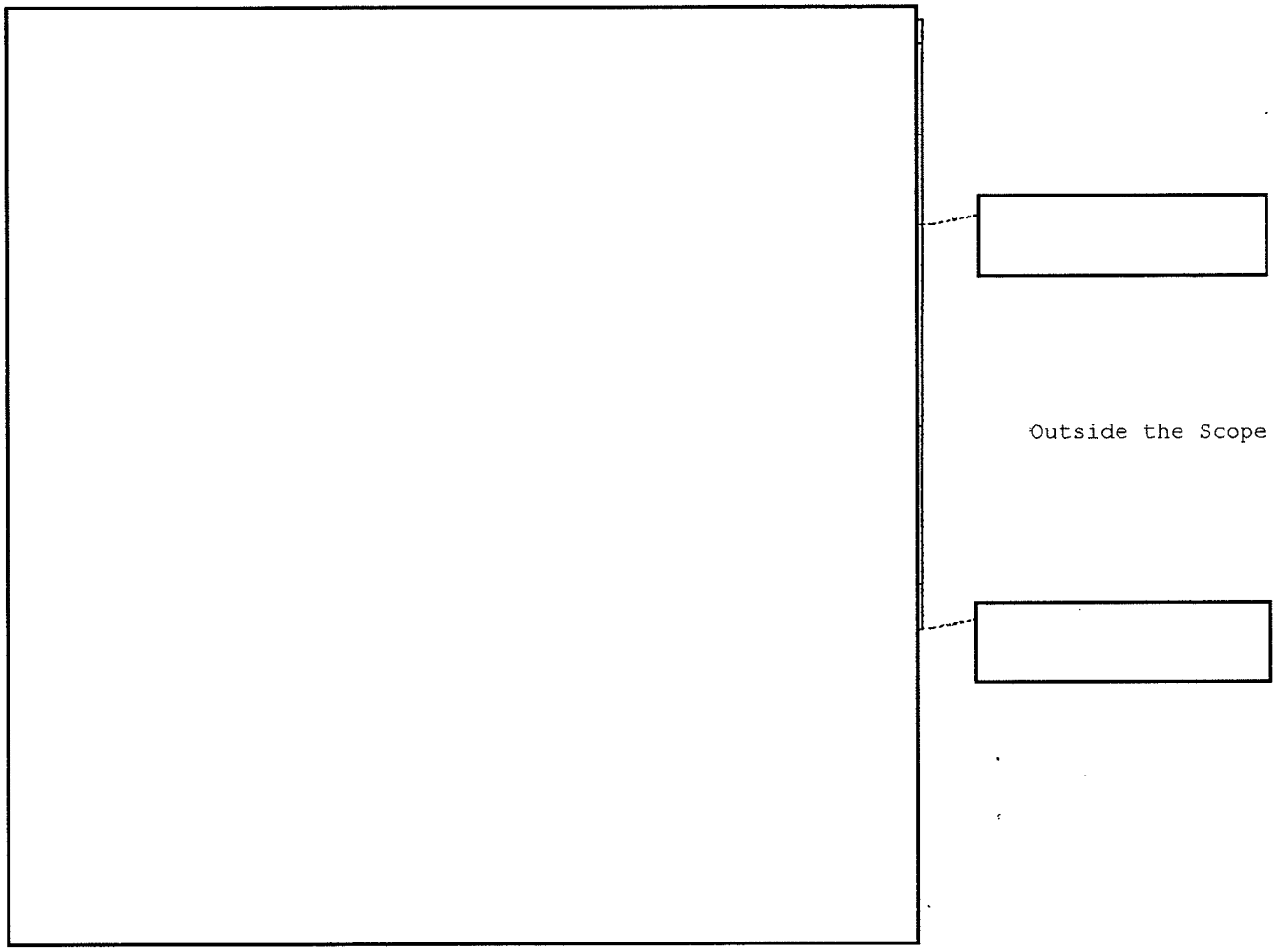

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Outside the Scope

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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

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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 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

Open Source News material is derived from the following sources:

Addis Ababa Tribune - http://www.addistribune.com/
Agencia Brasilia - http://www.radiobras.gov.br/
Al-Ahram (Egypt, weekly English version) - http://weekly.ahram.org.eg/
AllAfrica.com - http://allafrica.com/
Arabic News - http://www.arabicnews.com/ansub/
Asahi Shimbun - http://www.asahi.com/english/
Asia Times (Hong Kong) - http://www.atimes.com/
Bangkok Post - http://www.bangkokpost.net/
Christian Science Monitor - http://www.csmonitor.com/

Crescent International - http://www.muslimedia.com/mainpage.htm
Daily Telegraph (London, England) - http://news.telegraph.co.uk/
Dawn (Karachi, Pakistan) - http://www.dawn.com/
Debka (Israel) - http://www.debka.com
East Africa Daily Nation - www.nationaudio.com/News/DailyNation/Today/
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/
Iraq Press News Agency - http://www.iraqpress.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
Lagos (Nigeria) Guardian - http://www.guardiannewsngr.com/
Lahore (Pakistan) Nation - http://www.nation.com.pk/
Lebanon Daily Star (Beirut) - http://www.dailystar.com.lb/
Malaysian Star - http://thestar.com.my/
Manila Bulletin - http://www.mb.com.ph/
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/
New Straits Times (Kuala Lumpur) - http://www.emedia.com.my/Current_News/NST/
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 Information Agency Novosti - http://en.rian.ru/
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
Saudi Gazette - http://www.saudigazette.com.sa/sgazette/
South African Dispatch - http://www.dispatch.co.za/
Sydney Morning Herald - http://www.smh.com.au
Tehran Times - http://www.tehrantimes.com/
Times of India - http://timesofindia.indiatimes.com/cms.dll
UNHCR UN High Commissioner on Refugees - http://www.unhcr.ch/

Ummah News - http://www.ummahnews.com/
Uzbekistan Report - http://www.uzreport.com/eng/
Washington Post - http://www.washingtonpost.com/
XinHua News Service - http://www.xinhuanet.com/english/
Yemen Times (weekly) - http://www.yementimes.com/
Yomiuri Shimbun (Japan) - http://www.yomiuri.co.jp/

3.5.7 Summary of Data Sources

DATASET NAME	DATA SOURCE	TRANSFER METHOD
ACS	FBI Automated Case System (ACS)	FTP
IntelPlus	FBI Intel Plus	FTP
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	FTP
VGTOF	FBI National Crime Information Center (NCIC)	CD-ROM
JICI	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Multiple

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Outside the Scope

DATASET NAME	DATA SOURCE	TRANSFER METHOD
Open Source News	Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)	CD-ROM

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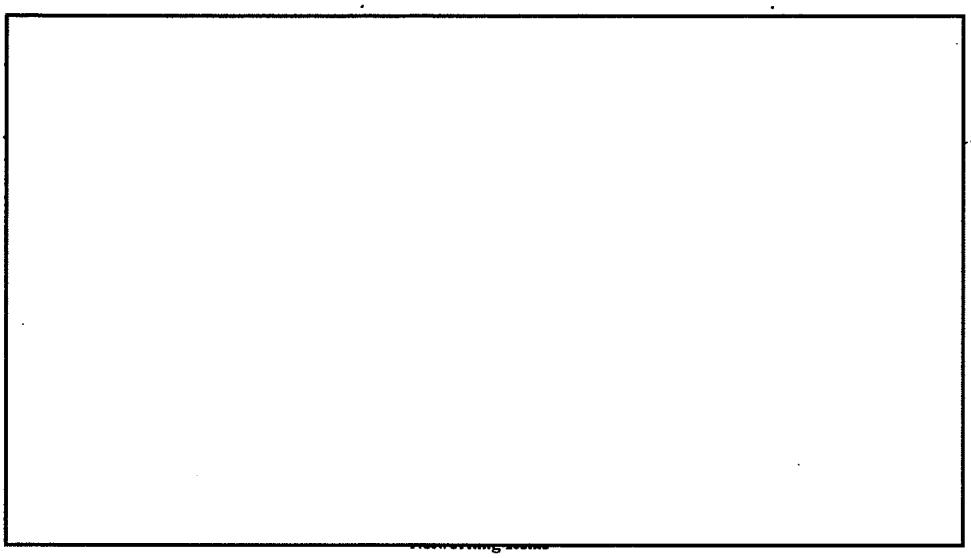
Outside the Scope



Outside the Scope

3.9.9 Indirect Connections

IDW-S connects to the following sources of data:

SYSTEM NAME	CLASSIFICATION & COMPARTMENTS	ACCREDITED BY	TRANSFER METHOD
FBI Automated Case System (ACS)	Secret	FBI	FTP
FBI Intel Plus	Secret	FBI	FTP

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SYSTEM NAME	CLASSIFICATION & COMPARTMENTS	ACCREDITED BY	TRANSFER METHOD	COMMENTS
FBI Secure Automated Messaging Network (SAMNet)	Secret	FBI	FTP	
FBI National Crime Information Center (NCIC)	Unclassified/SBU	FBI	CD-ROM	
FBI Document Conversion Laboratory (DocLab), Records Management Division (RMD), FBIHQ	Secret	FBI	Multiple	
Translingual Information Detection, Extraction and Summarization (TIDES) Program, Defense Advanced Research Projects Agency (DARPA)	Unclassified	NA	CD-ROM	

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Outside the Scope

SYSTEM NAME	CLASSIFICATION & COMPARTMENTS	ACCREDITED BY	TRANSFER METHOD	COMMENTS
	Unclassified	NA	CD-ROM	

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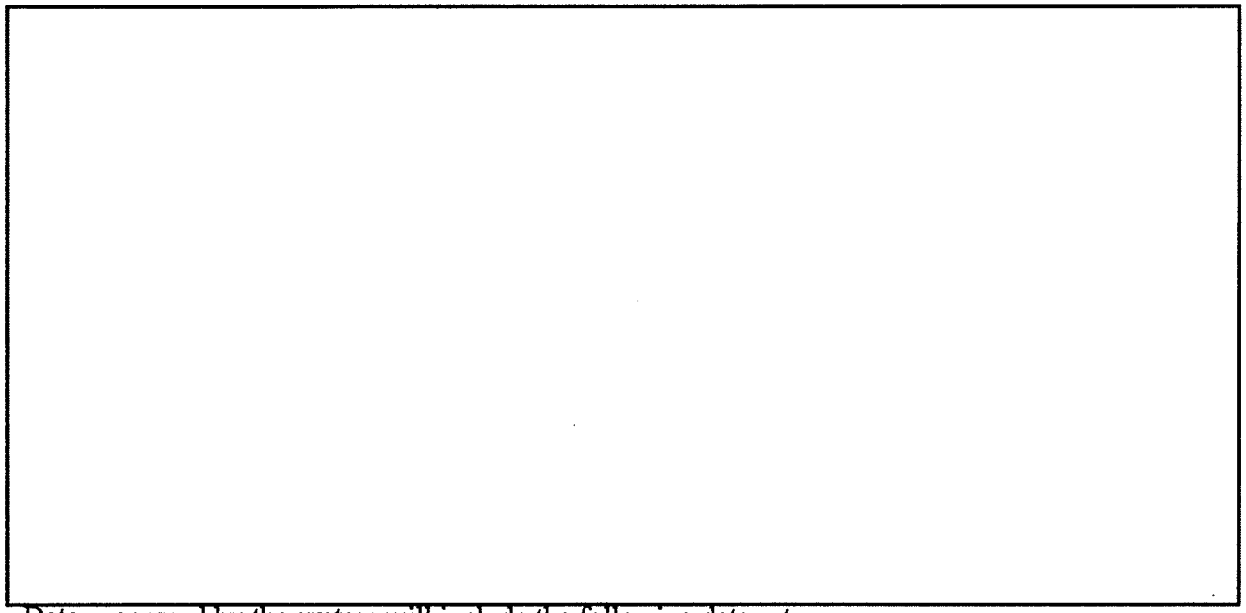
Indirect Connections

Federal Bureau of Investigation
Information Resources Division
Data Management Section

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: Outside the Scope

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- 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

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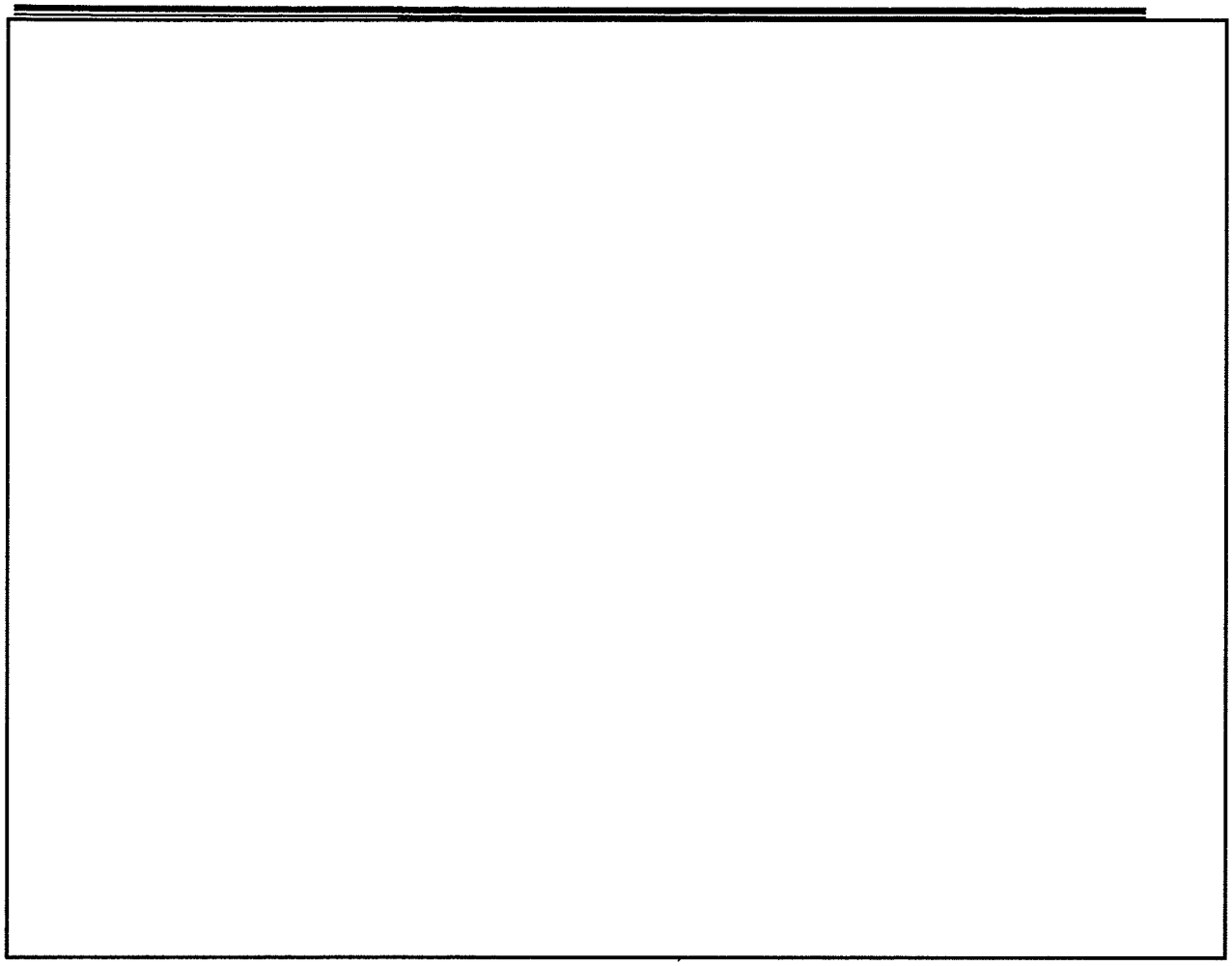
Federal Bureau of Investigation
Information Resources Division
Data Management Section

Investigative Data Warehouse
System Administrators Manual
Version 1.1 for Authority to Operate
June 11, 2004



1.4.1.1 Data Sources

Outside the Scope

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

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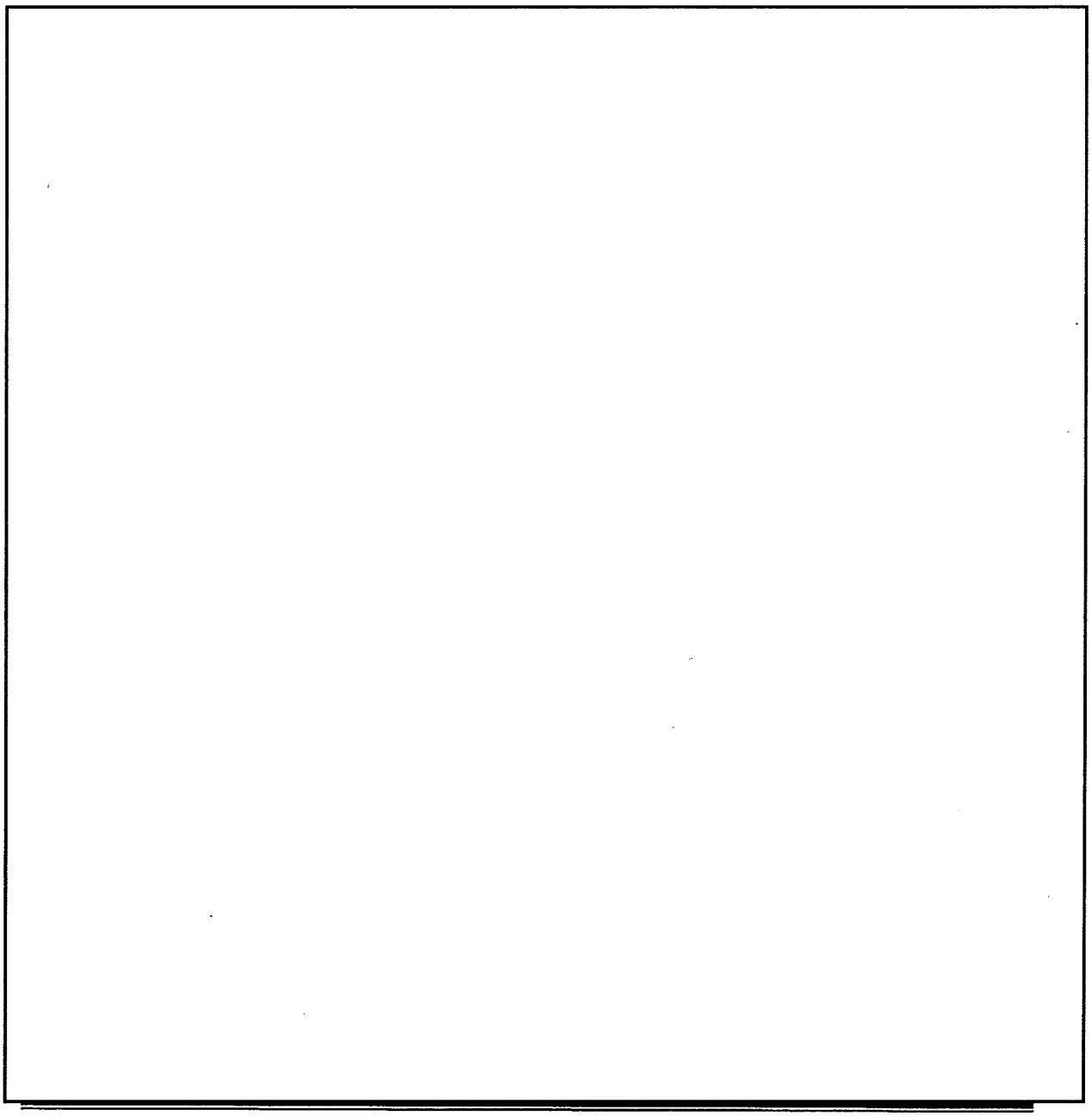
Data processed by the system includes the following sources:

- 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;

- 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

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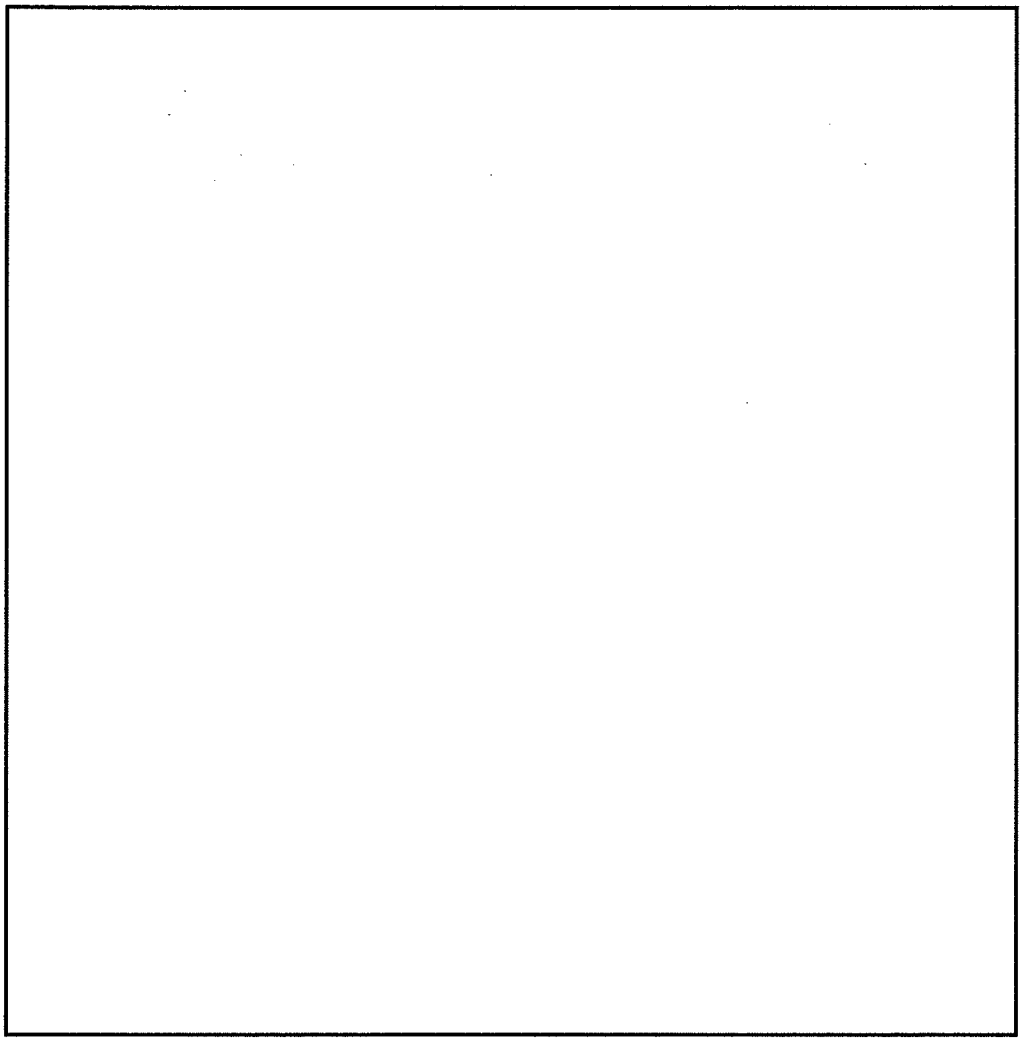
UNCLASSIFIED//FOR OFFICIAL USE ONLY

FEDERAL BUREAU OF INVESTIGATION

OFFICE OF THE PROGRAM MANAGEMENT EXECUTIVE

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.

Outside the Scope

DATASET NAME	DATA SOURCE	CLASSIFICATION
ACS Electronic Case Files (ECF)	FBI Automated Case System (ACS)	Secret and below
IntelPlus Filerooms	FBI IntelPlus	Secret and below
SAMNet	FBI Secure Automated Messaging Network (SAMNet)	Secret and below
VGTOF	FBI National Crime Information Center (NCIC)	SBU
JICI	FBI Records Management Division (RMD), Document Laboratory (DocLab), FBIHQ	Secret and below
Open Source News	MiTAP	Unclassified

Comment: ACS = Automated Case Support

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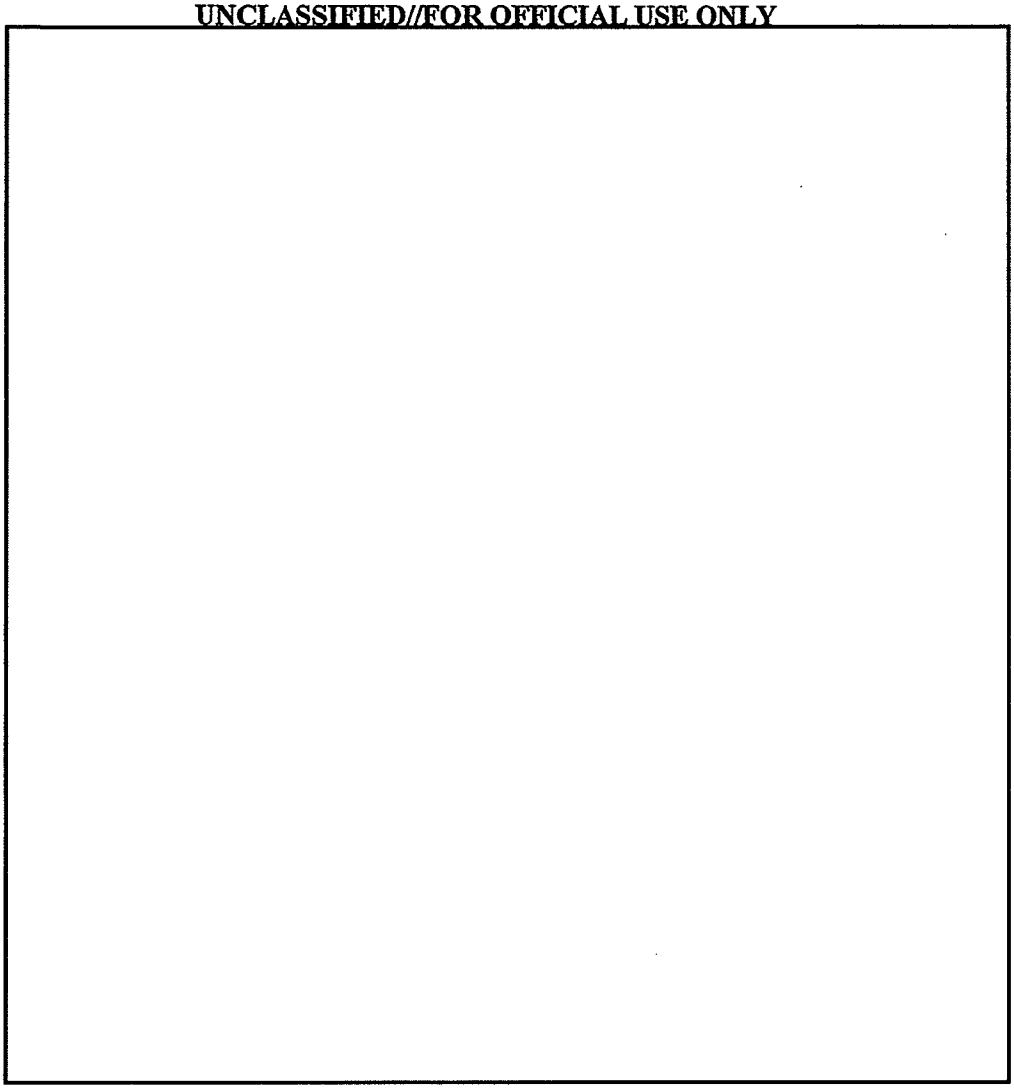
Outside the Scope

Outside the Scope

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.

Outside the Scope

DATASET TYPE	DATA SOURCE	CLASSIFICATION
FBI Case Data	FBI Automated Case System (ACS)	Secret and below
Financial Center (FinCen) Data		SBU
Various Lists of Data	Various Sources, e.g., Transportation Security Administration (TSA)	SBU
Various CTD Datasets	FBI Counterterrorism Division (CTD)	Secret and below
Telephone Data	Database of telephone numbers from ACS indexed by phone number, names, addresses, and case numbers	Secret and below

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SPT Data Sets

Outside the Scope