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# PRISM/US-984XN Overview

OR

## *The SIGAD Used **Most** in NSA Reporting* Overview

██████████ PRISM Collection Manager, S35333

April 2013

Derived From: NSA/CSSM 1-52  
Dated: 20070108  
Declassify On: 20360901



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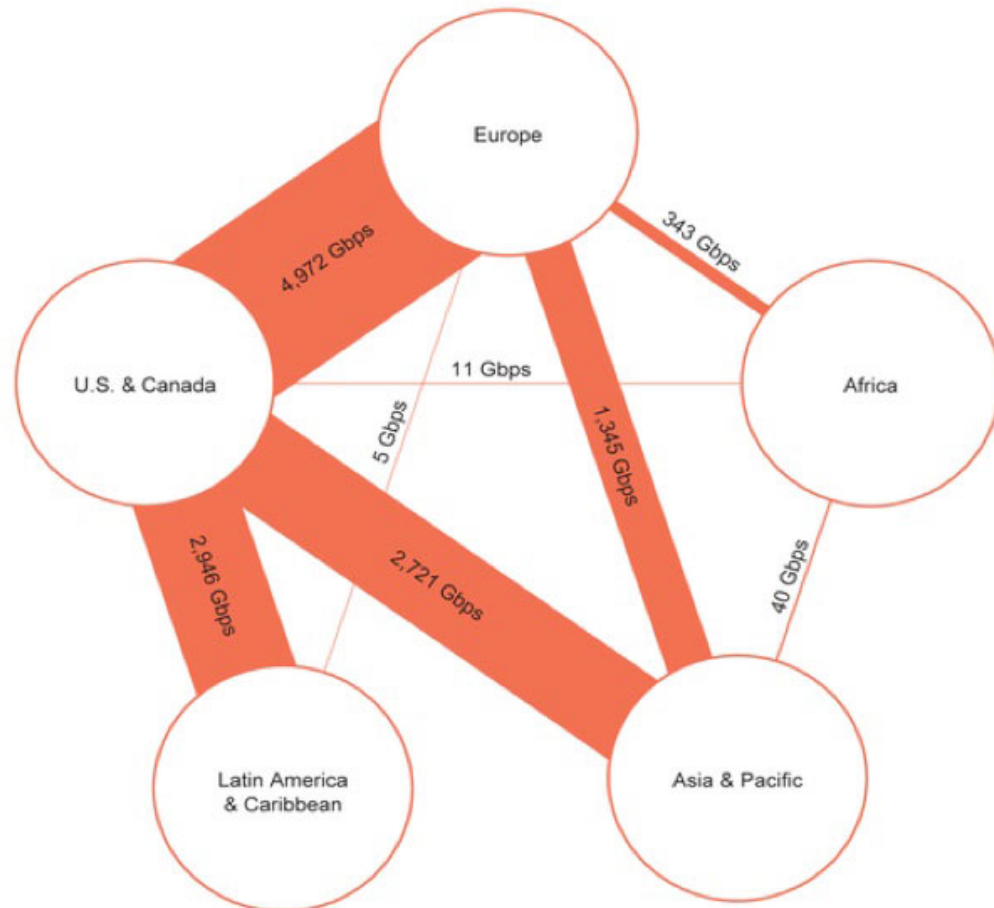
(TS//SI//NF)

# Introduction

## U.S. as World's Telecommunications Backbone



- Much of the world's communications flow through the U.S.
- A target's phone call, e-mail or chat will take the **cheapest** path, **not the physically most direct** path – you can't always predict the path.
- Your target's communications could easily be flowing into and through the U.S.



International Internet Regional Bandwidth Capacity in 2011

Source: Telegeography Research



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# (TS//SI//NF) FAA702 Operations

*Two Types of Collection*



## Upstream

- Collection of communications on fiber cables and infrastructure as data flows past.  
(FAIRVIEW, STORMBREW, BLARNEY, OAKSTAR)

**You Should Use Both**

## PRISM

- Collection directly from the servers of these U.S. Service Providers: Microsoft, Yahoo, Google Facebook, PalTalk, AOL, Skype, YouTube Apple.



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# (TS//SI//NF) FAA702 Operations

*Why Use Both: PRISM vs. Upstream*



	PRISM	Upstream
DNI Selectors	9 U.S. based service providers ✓	Worldwide sources ✓
DNR Selectors	Coming soon ⊘	Worldwide sources ✓
Access to Stored Communications (Search)	✓	⊘
Real-Time Collection (Surveillance)	✓	✓
“Abouts” Collection	⊘	✓
Voice Collection	✓ Voice over IP	✓
Direct Relationship with Comms Providers	⊘ Only through FBI	✓



# (TS//SI//NF) PRISM Collection Details

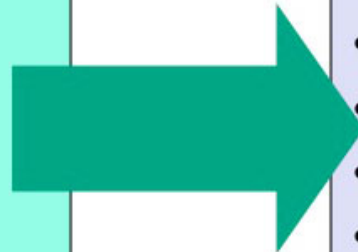


Current Providers

What Will You Receive in Collection (Surveillance and Stored Comms)?

It varies by provider. In general:

- Microsoft (Hotmail, etc.)
- Google
- Yahoo!
- Facebook
- PalTalk
- YouTube
- Skype
- AOL
- Apple



- E-mail
- Chat – video, voice
- Videos
- Photos
- Stored data
- VoIP
- File transfers
- Video Conferencing
- Notifications of target activity – logins, etc.
- Online Social Networking details
- **Special Requests**

Complete list and details on PRISM web page:

Go PRISMFAA

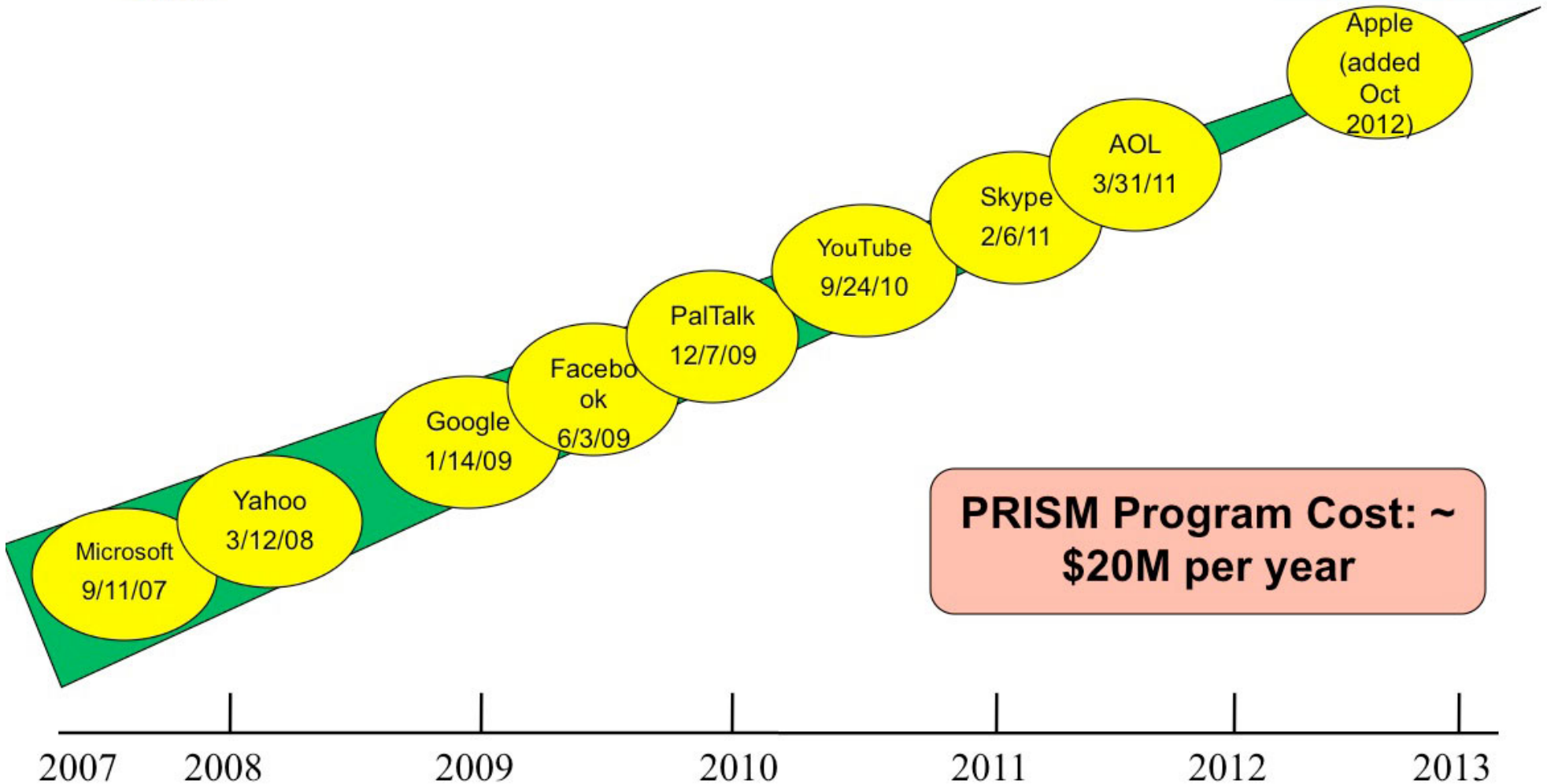


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# (TS//SI//NF) Dates When PRISM Collection Began For Each Provider



**PRISM Program Cost: ~ \$20M per year**



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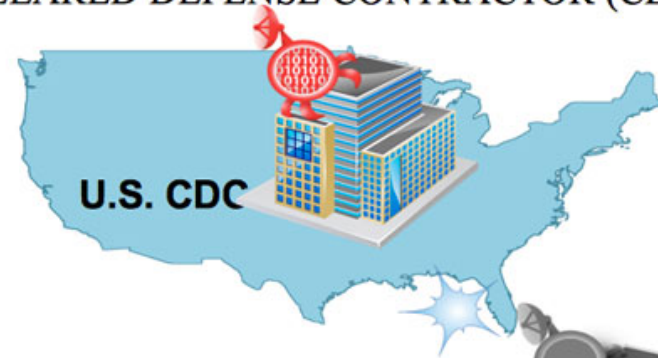
(TS//SI//NF) FAA702 Reporting Highlight  
*PRISM and STORMBREW Combine*  
To Thwart [REDACTED]



## SAME-DAY NTOC/FBI COLLABORATION

PREVENTS 150GB EXFIL EVENT FROM CLEARED DEFENSE CONTRACTOR (CDC)

2012 14 DEC



NTOC TIPS FBI TO IMMEDIATE THREAT

- 2 NTOC tips the FBI to the activity



FBI HELPS CDC REMOVE IMPLANT

- 3 The FBI contacts the CDC and works with them to clean the network

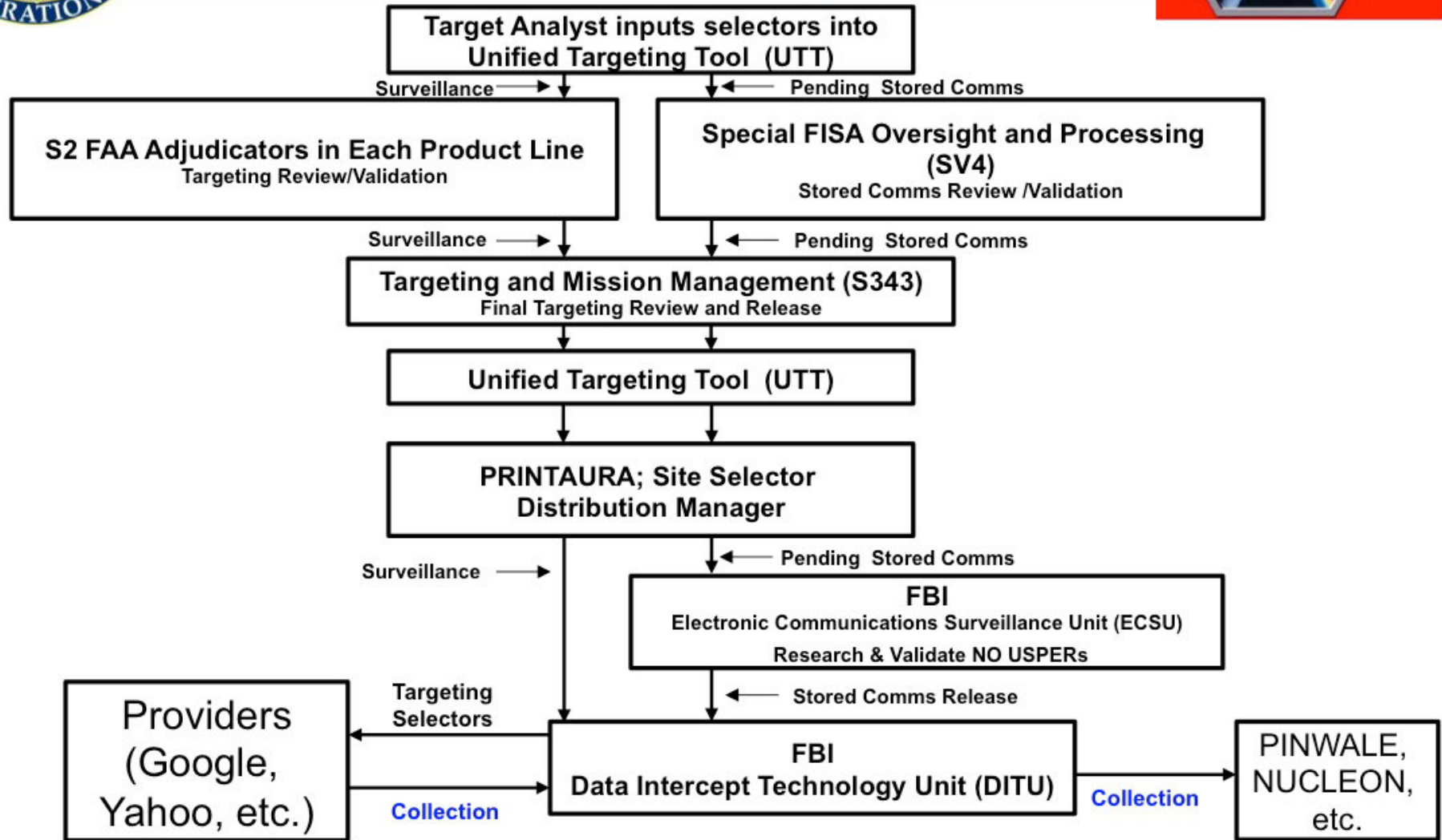
The victim performed comprehensive actions on the infected network, thus **PREVENTING EXFILTRATION** on the **SAME DAY NTOC DISCOVERED ADVERSARY INTENT**



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# (TS//SI//NF) PRISM Tasking Process



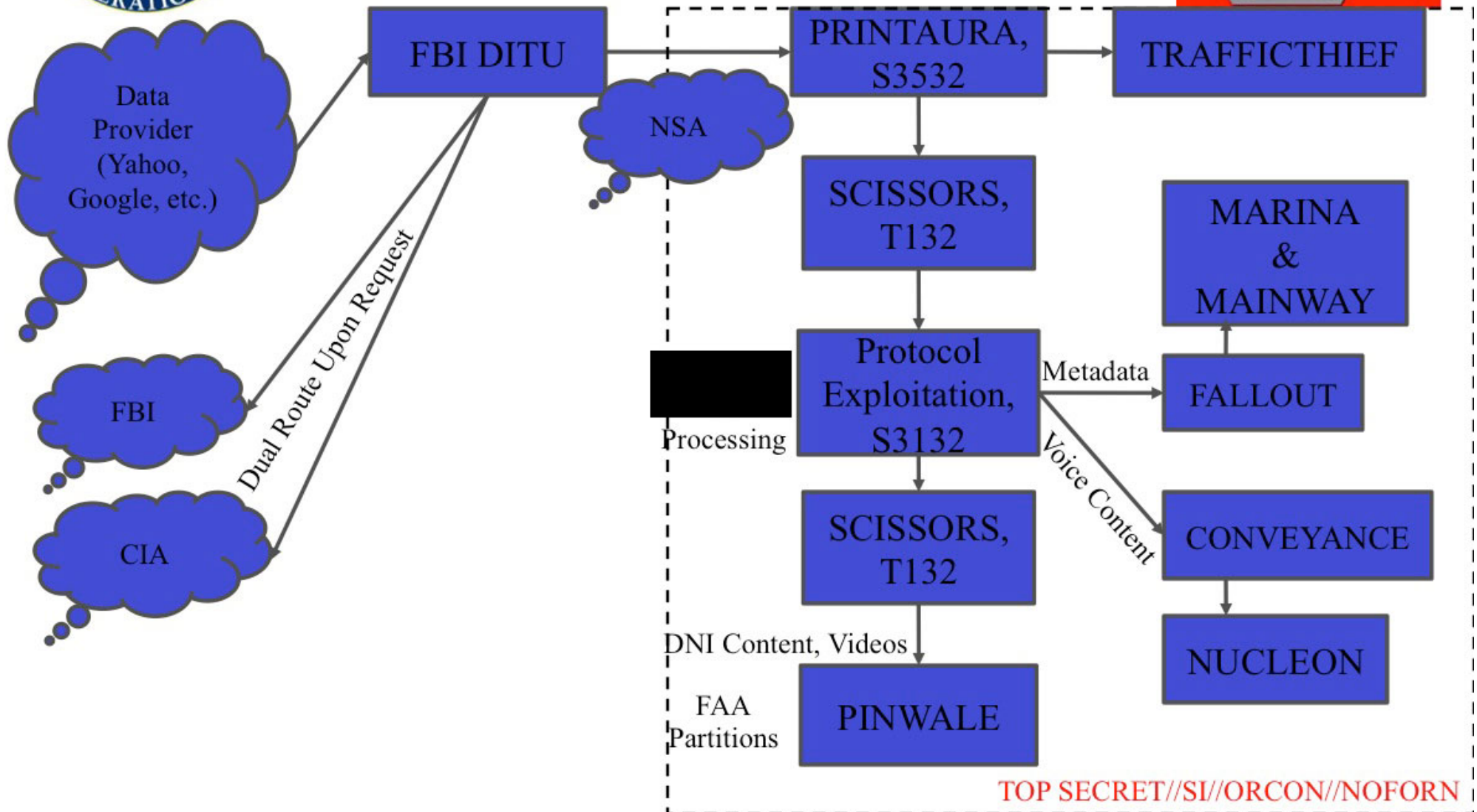




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# (TS//SI//NF) PRISM Collection Dataflow





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# (TS//SI//NF) PRISM Case Notations



# P2ESQC120001234

- PRISM Provider
- P1: Microsoft
  - P2: Yahoo
  - P3: Google
  - P4: Facebook
  - P5: PalTalk
  - P6: YouTube
  - P7: Skype
  - P8: AOL
  - PA: Apple

Fixed trigraph, denotes PRISM source collection

Year CASN established for selector

Serial #

- ### Content Type
- A: Stored Comms (Search)
  - B: IM (chat)
  - C: RTN-EDC (real-time notification of an e-mail event such as a login or sent message)
  - D: RTN-IM (real-time notification of a chat login or logout event)
  - ← E: E-Mail
  - F: VoIP
  - G: Full (WebForum)
  - H: OSN Messaging (photos, wallposts, activity, etc.)
  - I: OSN Basic Subscriber Info
  - J: Videos
  - . (dot): Indicates multiple types



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# (TS//SI//NF) REPRISMFISA TIPS



DYNAMIC PAGE - HIGHEST POSSIBLE CLASSIFICATION IS TOP SECRET//SI//TK//ORCON//NOFORN

REPRISMFISA

COUNTERTERRORISM

2013-Apr-05 13:10:20Z

Click on the PRISM icon first  
(from the initial webpage)



## PRISM ENTRIES

Last Load on Apr 05, 2013 at 12:22 PM GMT

Check the total record status, click on this link

### QUICK LINKS

- See Entire List (Current)
- See Entire List (Expired)
- See Entire List (Current and Expired)
- See NSA List
- See New Records
- Ownership Count

If the total count is much less than this, REPRISMFISA is having issues, E-MAIL the REPRISMFISA HELP DESK AT

AND INFORM THEM

### SEARCH

The search form below can be used as a filter to see a partial list of records.

Search For:

AND  OR

Expiration days  
(+/- from now)

### Prism Current Entries

Records 1 - 50 out of 117675 << < Page 1 of 2354 > >> Records per page: 50

Click on column headers to sort. \* = column is not sortable.