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Communication Beyond Words

You Tube

AOL mail



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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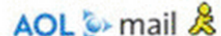


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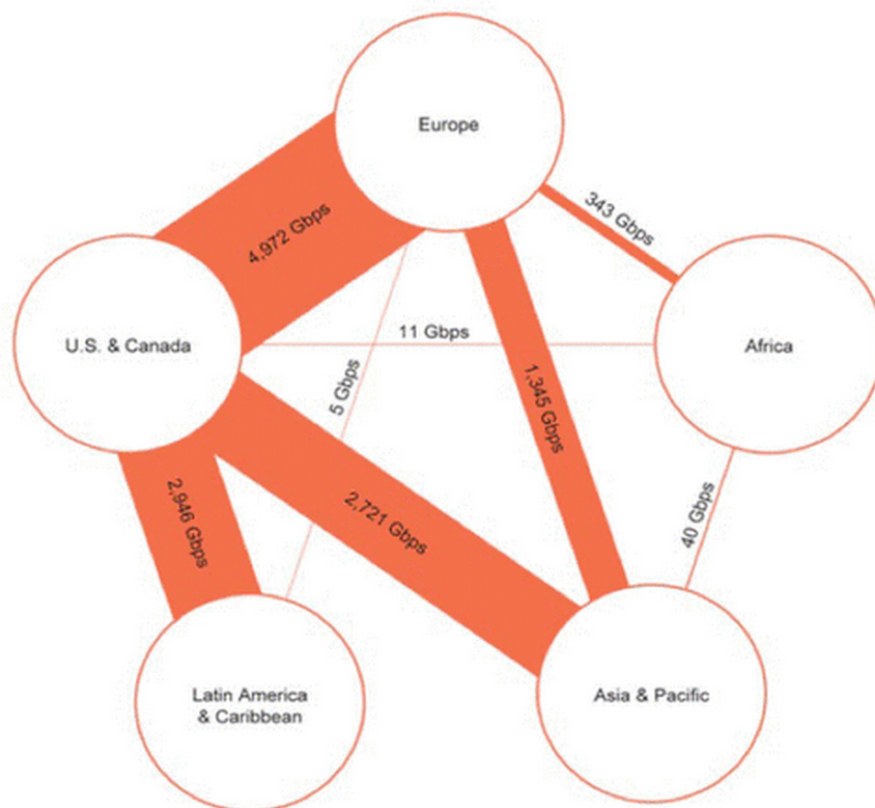


(TS//SI//NF) Introduction

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.

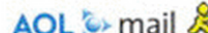


International Internet Regional Bandwidth Capacity in 2011

Source: Telegeography Research



Hotmail



(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

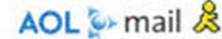
- Collection directly from the servers of these U.S. Service Providers: Microsoft, Yahoo, Google, Facebook, PalTalk, AOL, Skype, YouTube, Apple.



(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 <small>April 2007</small>	Voice over IP ✓	✓
Direct Relationship with Comms Providers	⊘ Only through FBI	✓



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



Current Providers

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



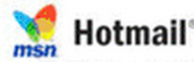
What Will You Receive in Collection (Surveillance and Stored Comms)?

It varies by provider. In general:

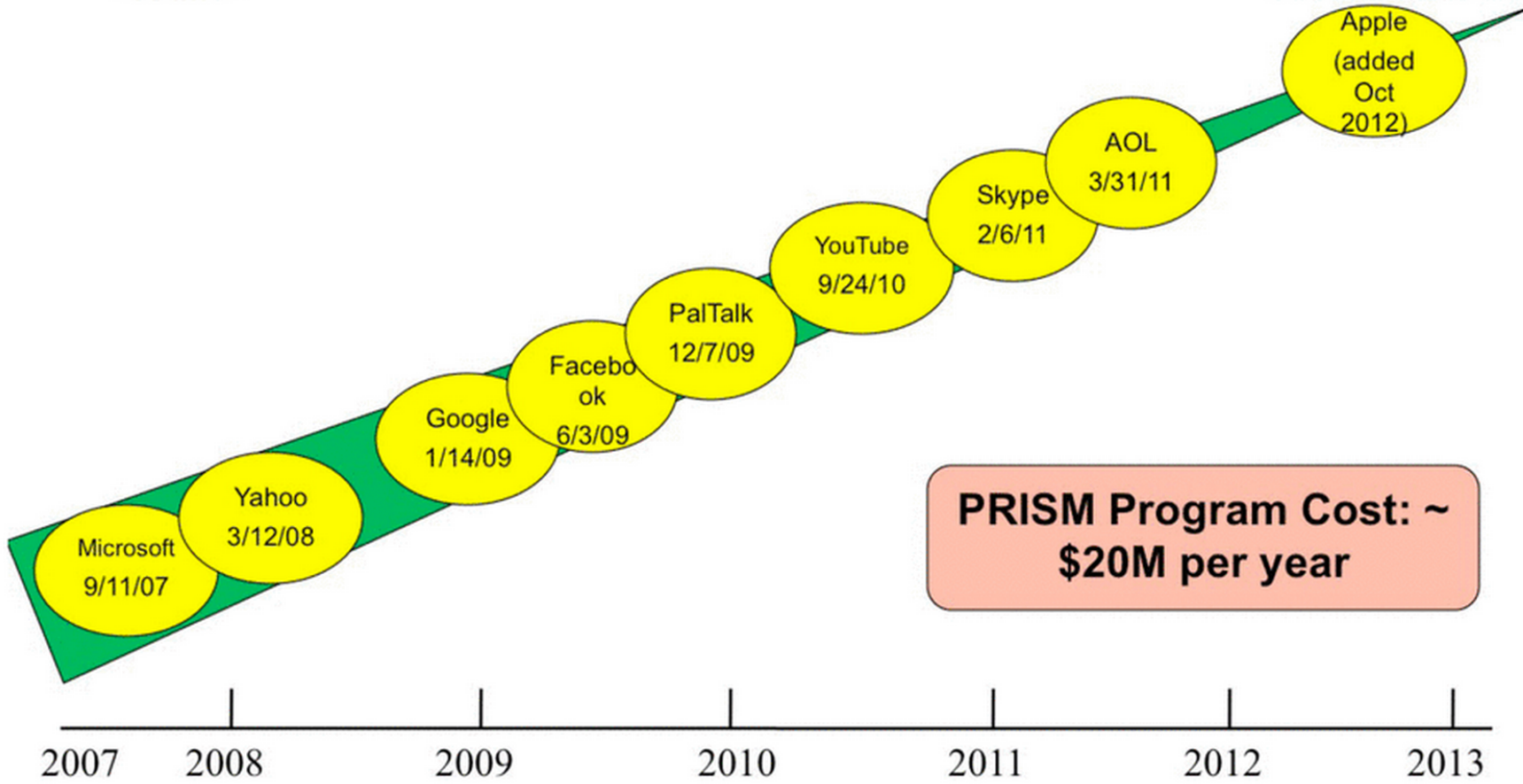
- E-mail
- Chat – video, voice
- Videos
- Photos
- Stored data
- VoIP
- File transfers
- Video Conferencing
- Notifications of target activity – logins, etc.
- Online Social Networking details
- **Special Requests**

Complete list and details on PRISM web page:

Go PRISMFAA



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



PRISM Program Cost: ~ \$20M per year



Hotmail



Google



paltalk.com

YouTube

AOL mail

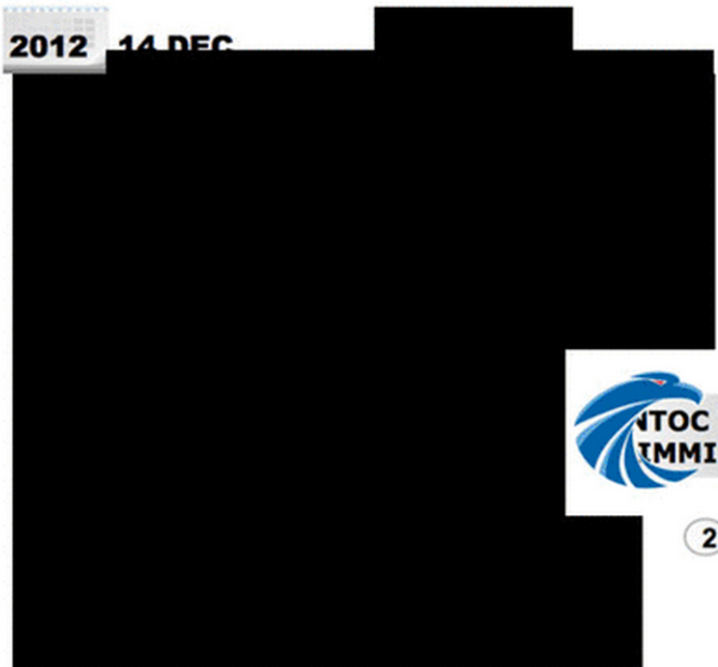


(TS//SI//NF) FAA702 Reporting Highlight
PRISM and STORMBREW Combine
To Thwart [REDACTED]

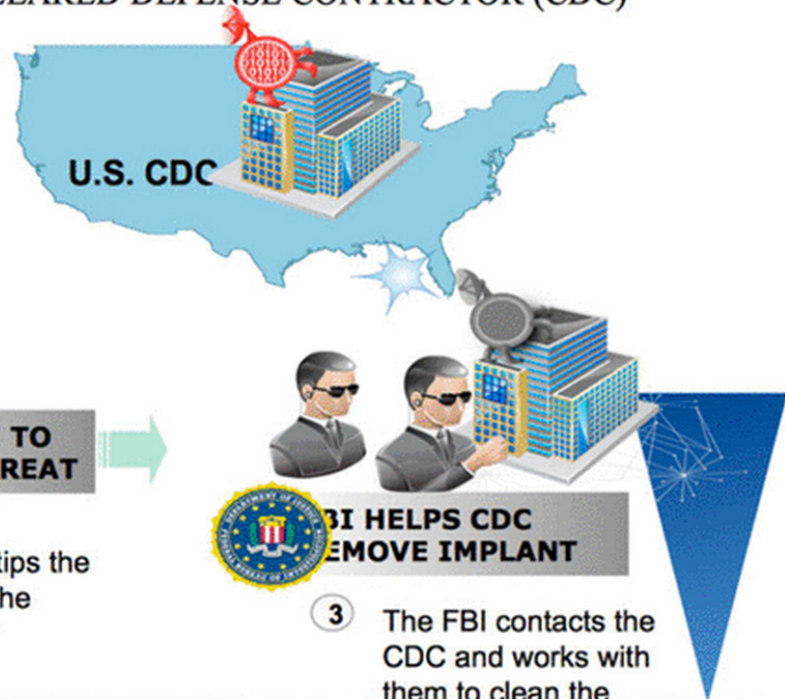


SAME-DAY NTOC/FBI COLLABORATION

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



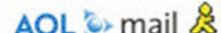
2012 14 DEC



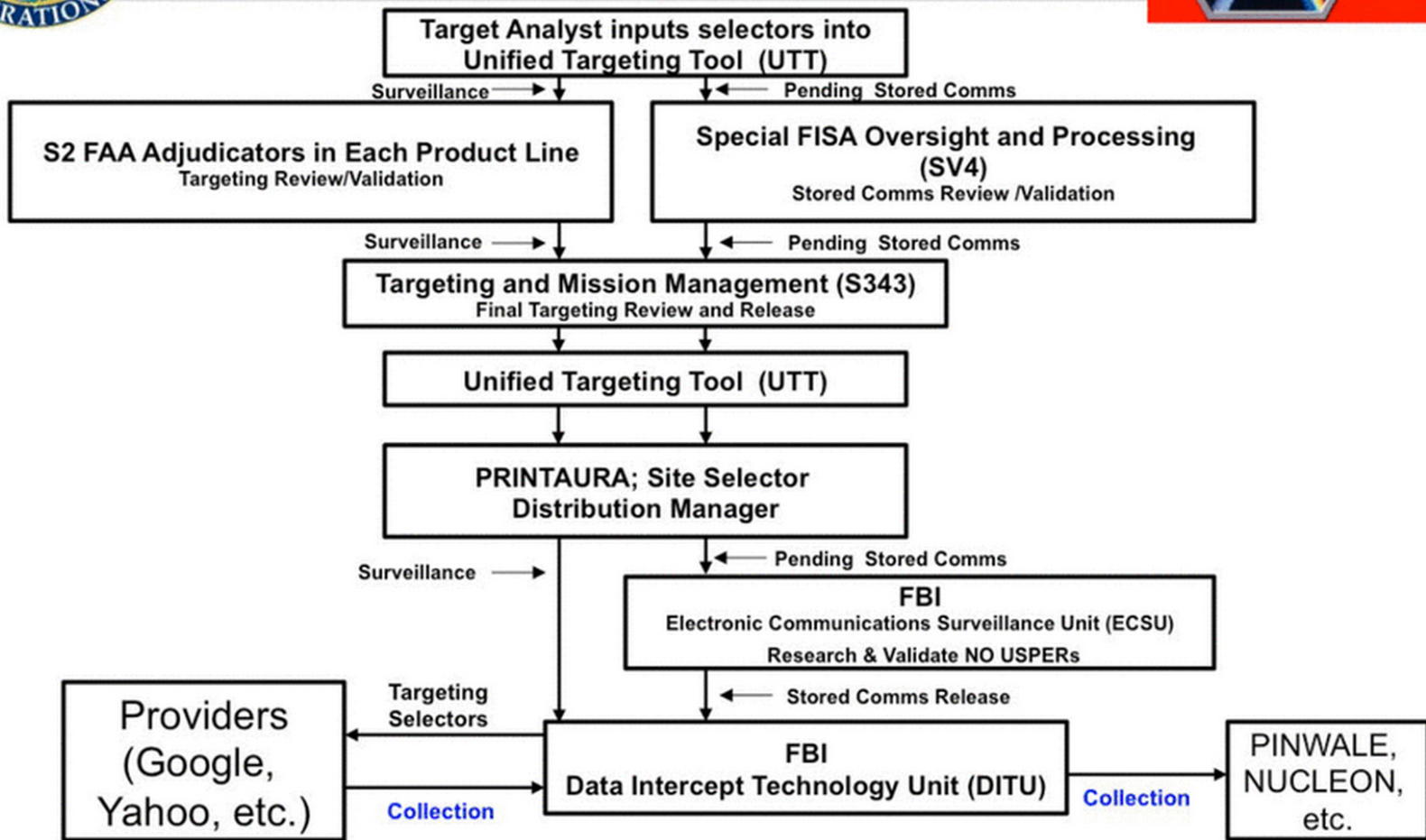
2 NTOC tips the FBI to the activity

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**

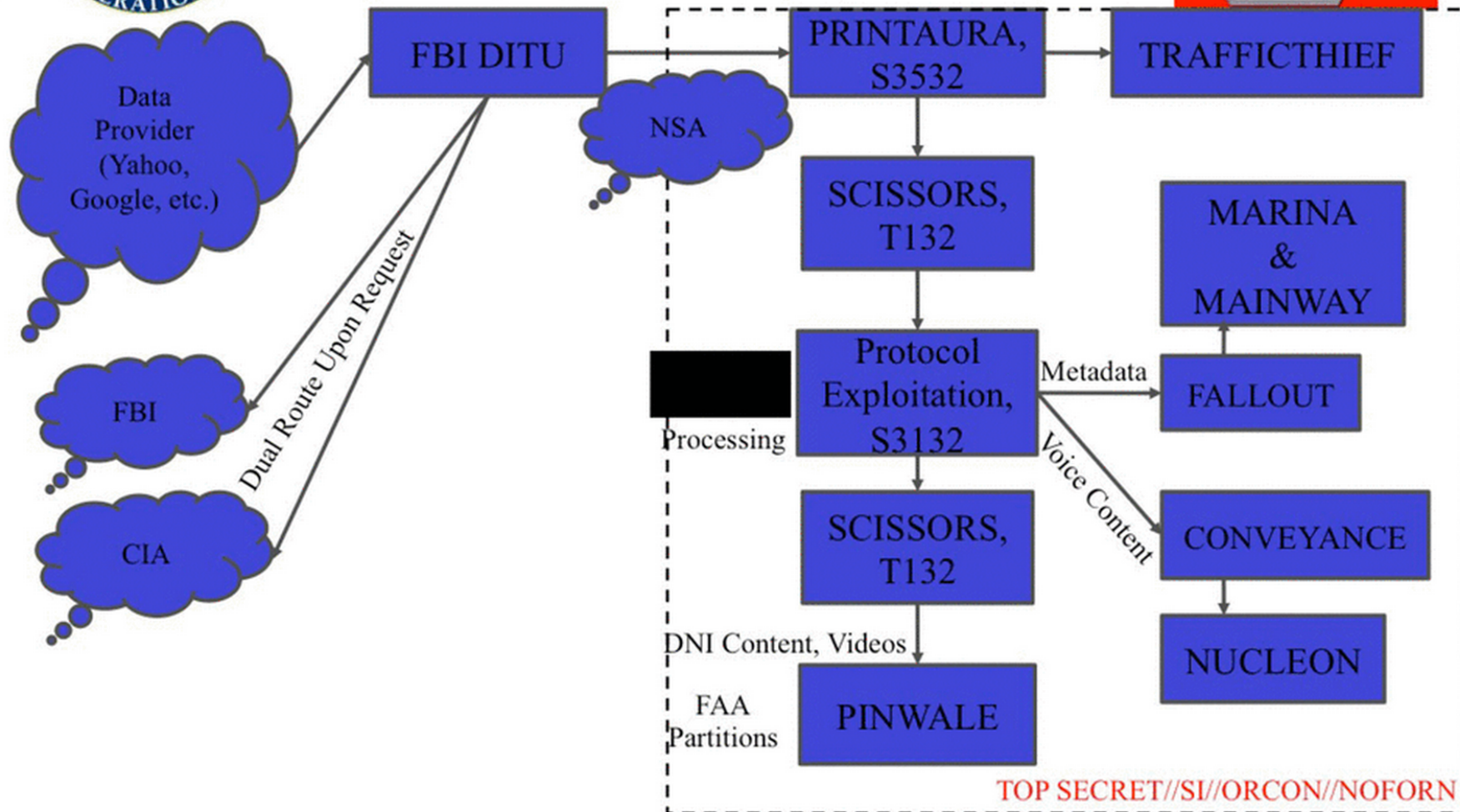


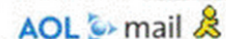
(TS//SI//NF) PRISM Tasking Process





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





(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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Communication Beyond Words

YouTube

AOL mail

(TS//SI//NF) REPRISMFISA TIPS



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

REPRISMFISA

COUNTERTERRORISM

2013-Apr-05 13:10:28Z

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



PRISM



FBI FISA



DOJ FISA

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)

Filter

Prism Current Entries

Records 1 - 58 out of 117675 << >> Page 1 of 2354 >>> Records per page: 50

Clear Sort Order

click on column headers to sort. * = column is not sortable.