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Special Source Operations

Corporate Partner Access

Briefed by: [REDACTED]



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Overall Briefing Classification Is

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Relationships & Authorities

- Leverage unique key corporate partnerships to gain access to high-capacity international fiber-optic cables, switches and/or routers throughout the world
- Collection on U.S. soil is conducted under three different authorities:
 - Transit Authority: Collection of foreign intelligence communications which originate and terminate in foreign countries, but traverse U.S. territory
 - Foreign Intelligence Surveillance Act (FISA): Court ordered collection (NSA/FBI/FISA Court)
 - FISA Amendment Act of 2008 (FAA): Surveillance in the US when the target is reasonably believed to be foreign

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BLARNEY AT A GLANCE

Why: Started in 1978 to provide FISA authorized access to communications of foreign establishments, agents of foreign powers, and terrorists

External Customers (Who)	Information Requirements (What)	Collection Access and Techniques (How)
Department of State	Counter Proliferation	DNI Strong Selectors
Central Intelligence Agency	Counter Terrorism	DNR Strong Selectors
United States UN Mission	Diplomatic	DNI Circuits
White House	Economic	DNR Circuits
Defense Intelligence Agency	Military	Mobile Wireless
National Counterterrorism Center	Political/Intention of Nations	
Partnerships (Where)	Legal Authorities (Approvals)	
2 nd Party-GBR, NZI, CAN, AUS	NSA - SSO, TAO, NTOC, CES, A&P...	NSA FISA
Office of Director of National Intelligence	CIA	CT FBI FISA
Joint Chiefs of Staff	FBI - Headquarters, NY, and DC	FISA Amendment Act (FAA)
Department of Homeland Security	FBI - Engineering Research Facility	CI FBI FISA
Office of Secretary of Defense	DOJ	BR FISA
North Atlantic Treaty Organization	Commercial Providers	PR/IT FISA
Military Commands (Army, EUCOM)		

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BLARNEY Access

**70+ additional accesses across the U.S. from
30+ providers for Domestic Long Distance,
ISP, and Data Center collections.**

LITHIUM
ARTIFICE
ROCKSALT
SERENADE
ISP1
ISP2
Multiple wireless providers



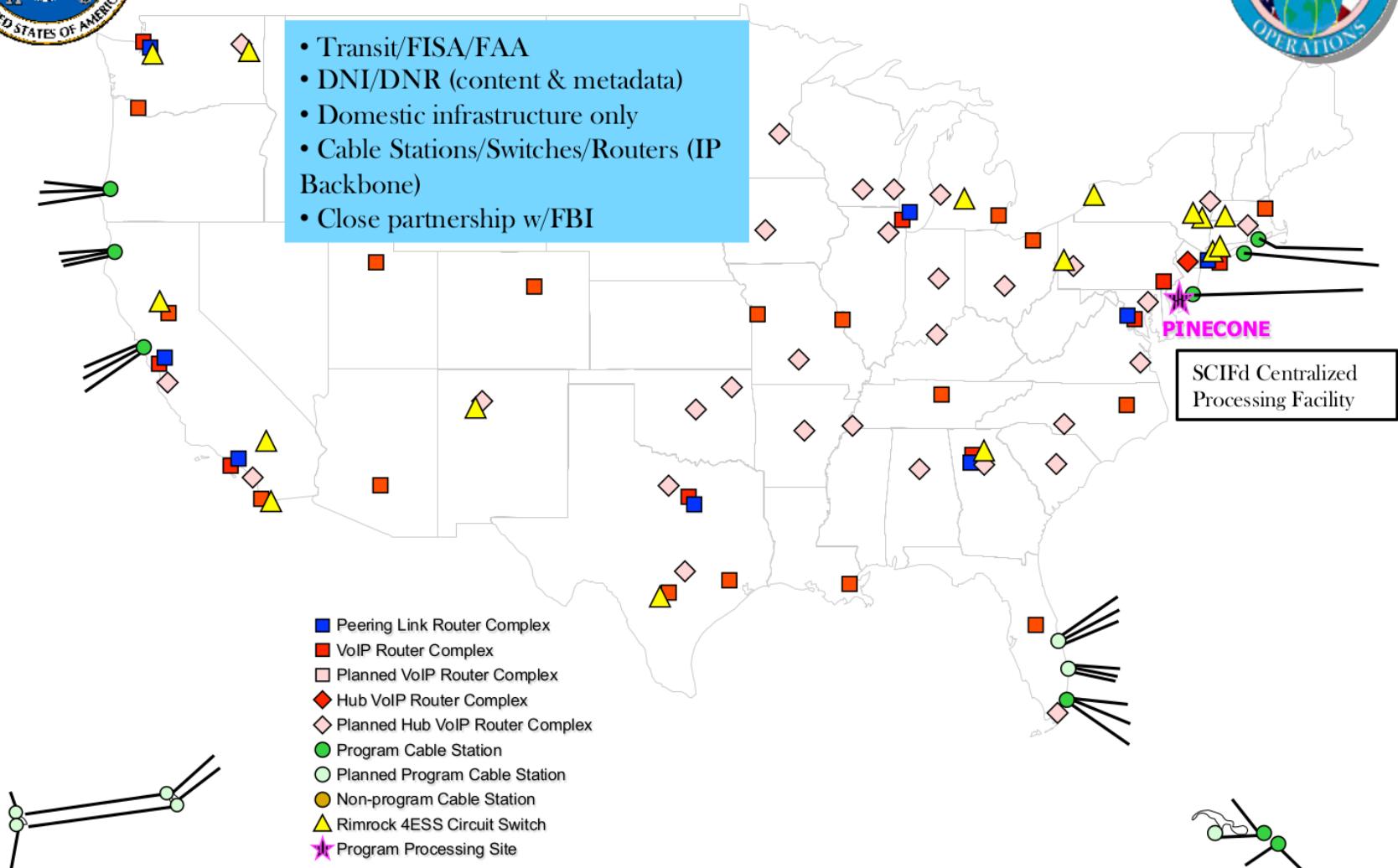
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FAIRVIEW At a Glance

- Transit/FISA/FAA
- DNI/DNR (content & metadata)
- Domestic infrastructure only
- Cable Stations/Switches/Routers (IP Backbone)
- Close partnership w/FBI

SCIFd Centralized Processing Facility



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STORMBREW At a Glance



Seven Access Sites – International “Choke Points”

BRECKENRIDGE
TAHOE
SUNVALLEY
WHISTLER
MAVERICK
COPPERMOUNTAIN
KILLINGTON

- Transit/FISA/FAA
- DNI/DNR (content & metadata)
- Domestic infrastructure only
- Cable Station/Switches/Routers (IP Backbone)
- Close partnership w/FBI & NCSC

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Corporate Funding Profile

	<u>FY10</u>	<u>FY11</u>
PFR:	\$187.2M	\$205.1M
Cyber:	\$250.9M	\$122.7M
FISA:	\$ 41.4M	\$ 45.9M
<u>*Other:</u>	<u>\$ 0M</u>	<u>\$ 10.0M</u>
TOTAL:	\$479.5M	\$383.7M

* NCSC Cyber Zone 4 (OCONUS router expansion)

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Program Funding Break-out

	<u>FY10</u>	<u>FY11</u>
BLARNEY:	\$ 89.7M	\$ 88.0M
FAIRVIEW:	\$232.2M	\$188.9M
STORMBREW:	\$118.0M	\$ 66.8M
<u>OAKSTAR:</u>	<u>\$ 39.6M</u>	<u>\$ 40.0M</u>
TOTAL:	\$479.5M	\$383.7M

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Corporate Strategic Initiatives

- FISA Amendment Act (FAA)
- Comprehensive National Cyber Security Initiative (CNCI)
 - Expand CONUS/OCONUS Access
 - New access sites
 - Infrastructure build-out at existing access locations
 - NCC TURMOIL Deployments
- Explore & Exploit New LOB/Capabilities
 - VPNs
 - Mobility networks
 - F-F Algorithm Development (beyond Port-25)
 - Social networking
- Explore & Exploit New Partnering Relationships
 - 2 New ISPs
 - Maktoob via data centers

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Comprehensive National Cyber Security (CNCI)

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Corporate NCII Funding Profile

	<u>FY10</u>	<u>FY11</u>
BLARNEY:	\$ 9.0M	\$12.1M
FAIRVIEW:	\$144.0M	\$73.1M
STORMBREW:	\$ 80.8M	\$22.9M
<u>OAKSTAR:</u>	<u>\$ 17.1M</u>	<u>\$14.6M</u>
TOTAL:	\$250.9M	\$122.7M

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FY10/FY11 CNCI Expansion

- New Access Sites
 - FY10 – 5 new access locations (4 cable, 2 router)
 - FY11 – 5 new access locations (1 cable, 4 router)
 - Infrastructure Build-outs/Existing Access Expansion
 - FY10 anticipated – ingest **530 Gbps** of data
 - FY11 anticipated – ingest **760 Gbps** of data
 - TURMOIL Processing Suites (Tech Insertion)
 - FY10 = 0
 - FY11 = 44 **TOTAL = 44*** } *Sliding schedule*
- *Original request 55

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CNCI Challenges

- Legal Framework
 - SIGINT
 - Transit (limited value – attacks aimed at the U.S.)
 - FAA (maximum value – Cyber cert; initial value – tie signatures to existing Certs)
 - Defense (.mil, .gov, .dib)
- UTT tasking/targeting tool (ability to task signatures)
- Data repositories
- Analytical support
- TURMOIL defense s/w applications

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Corporate FAA Reporting

Metrics

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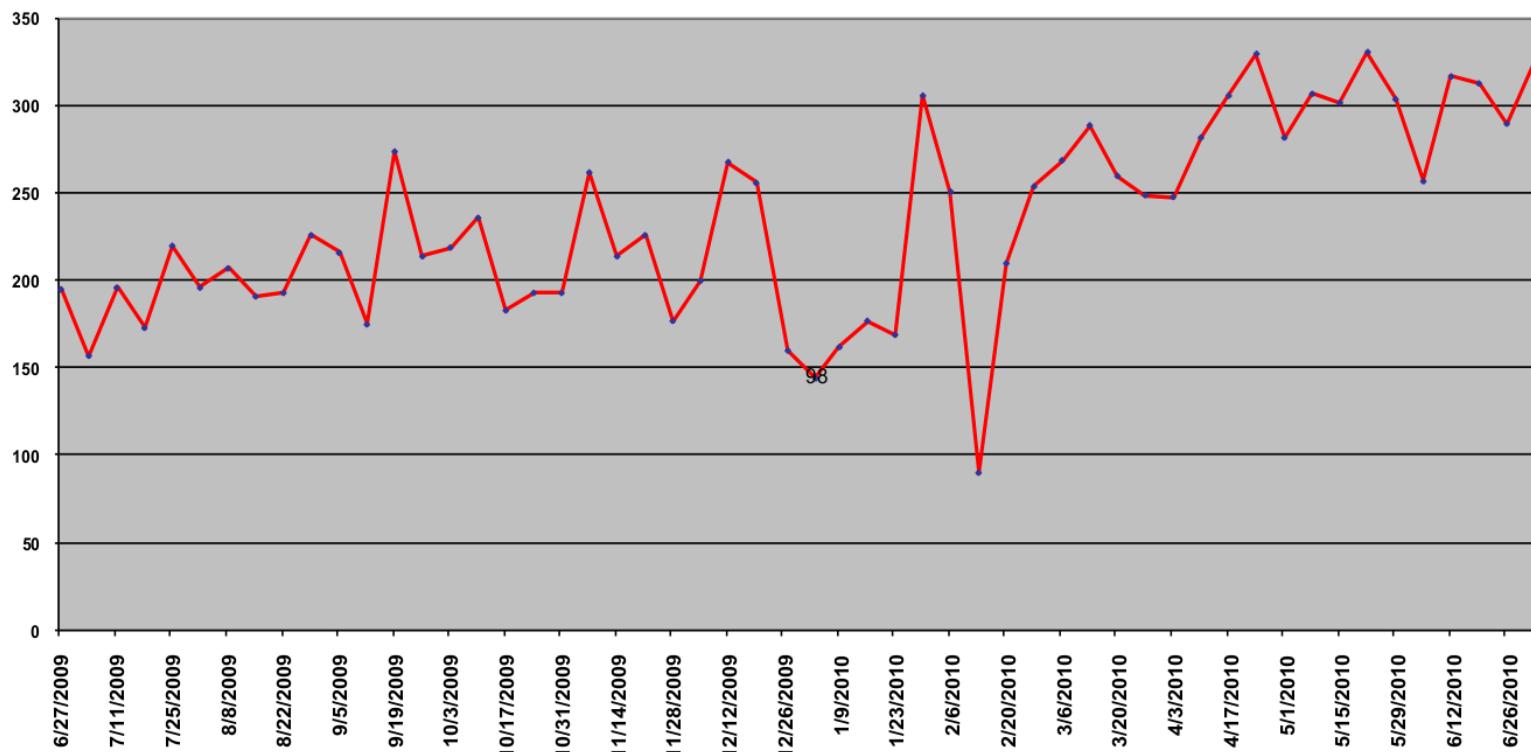


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Corporate FAA Reporting Metrics

FAA REPORTS -
Weekly Stats thru 3 July 10



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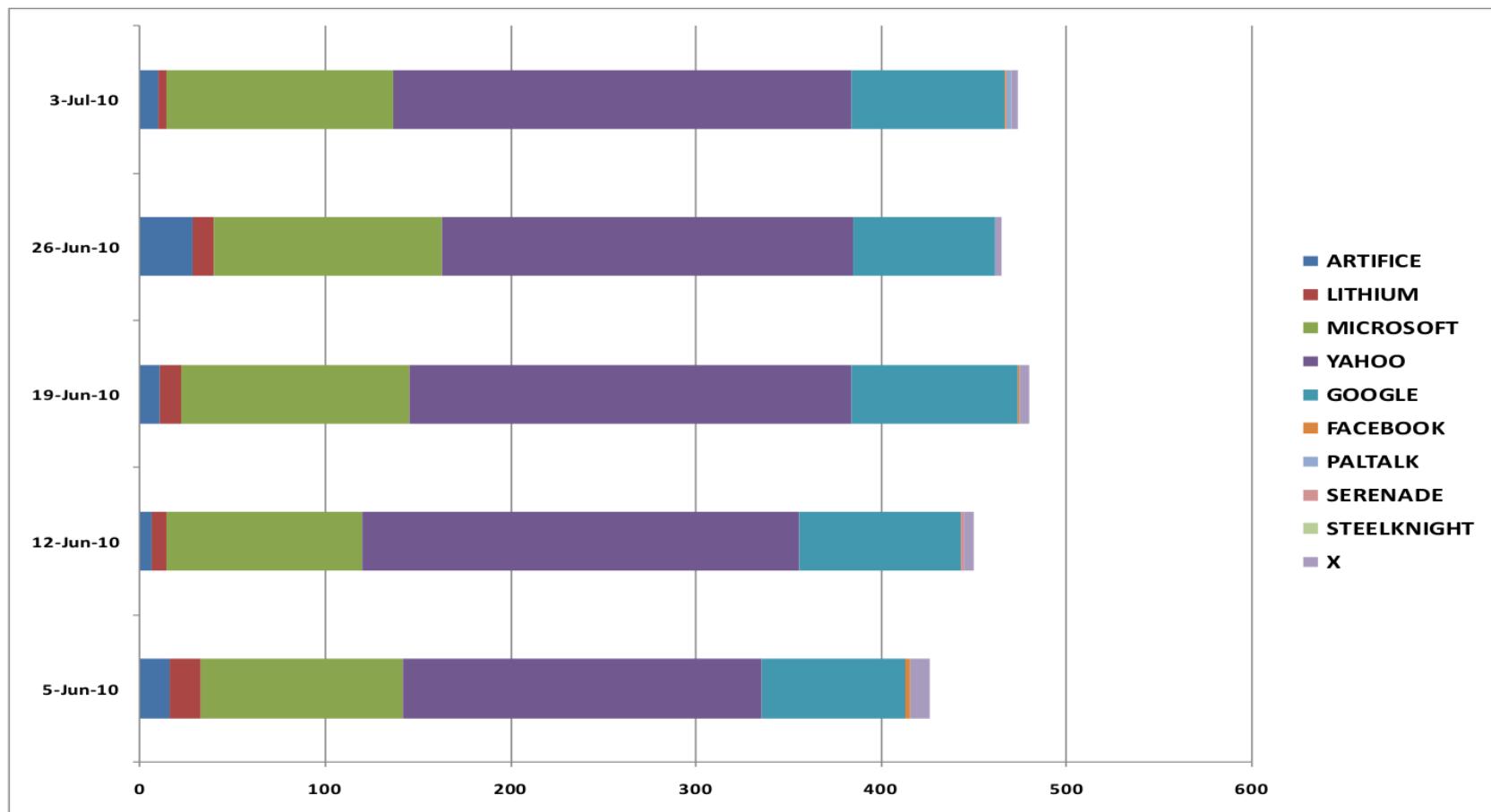


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Corporate FAA Reporting Metrics

FAA Reports by Provider



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Corporate Transit Reporting **Metrics & Highlights**

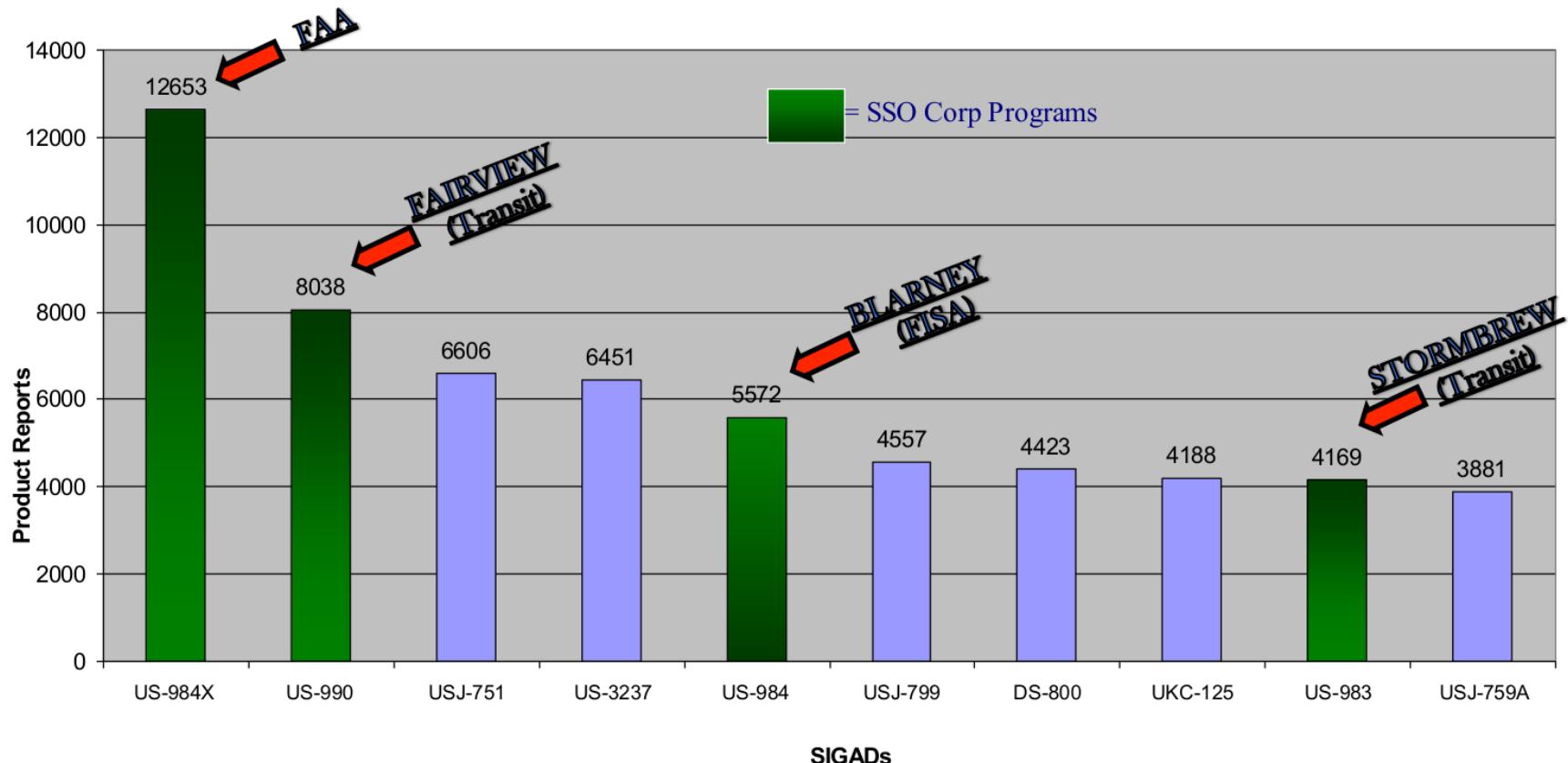
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Top Ten SIGADs for 2009 July 2009 – June 2010



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