Tailored Access Operations

[redacted] - TAO

[redacted] - SSG

[redacted] - TAO / R&T

tao inside

OVERALL CLASSIFICATION: TOP SECRET//COMINT//REL to USA,FVEY

Overview

- Current People, Space, & Operations (FY2009)
- Medina era Growth (FY2011)
- BACONRIDGE era (FY2015)

TAO - Current Staffing

Civilians	**30**	**Includes 1 AIA, 1 Intern**
Military	**30**	**USAF - 10**
		USA - 8 (2 on orders, 1 deployed)
		USN - 10 (2 x FIOC)
		USMC - 2
Total	**60**	

Not Included in figures above:

Civilian	**7**	**Selectees (2 arrive 11/10, 1 arrives 11/17, etc)**
	9	**Nominated**
	?	**External hires - 3 CJO'd, 7 preliminary**
Military	**?**	**Chief [redacted], etc**
	?	**5 x USA Great Skills Billets**
	?	**2 (additional) FIOCers not included (R&T)**
Contractor	**1**	**(TAO / ANT contract)**

As of 11/3/2008

Production Operations (POD)

	FY07	FY08
Olympus Tickets	6,360	9,126
SHARPFOCUS (SF2)	320	1940
PARCHDUSK (PD)	340	366
FOXACID Messages	12	17
sent to	2396	3446
called back	419	672
exploited	154	262



Iraq
Afghanistan

Requirements & Targeting

FY 2007		
	Collection	Exploit
1 Qtr	0	0
2 Qtr	0	0
3 Qtr	0	0
4 Qtr	0	0
Total	0	0

FY 2008		
	Collection	Exploit
1 Qtr	4	9
2 Qtr	2	13
3 Qtr	7	18
4 Qtr	11	27
Total	24	67



Mexico **Cuba** **Middle East**
Colombia **Venezuela**

Scheduled

Active Development of Mexican Public Security Secretariat (SSP)

WHITETAMALE

Derived From: Multiple Sources
Declassify On: X1

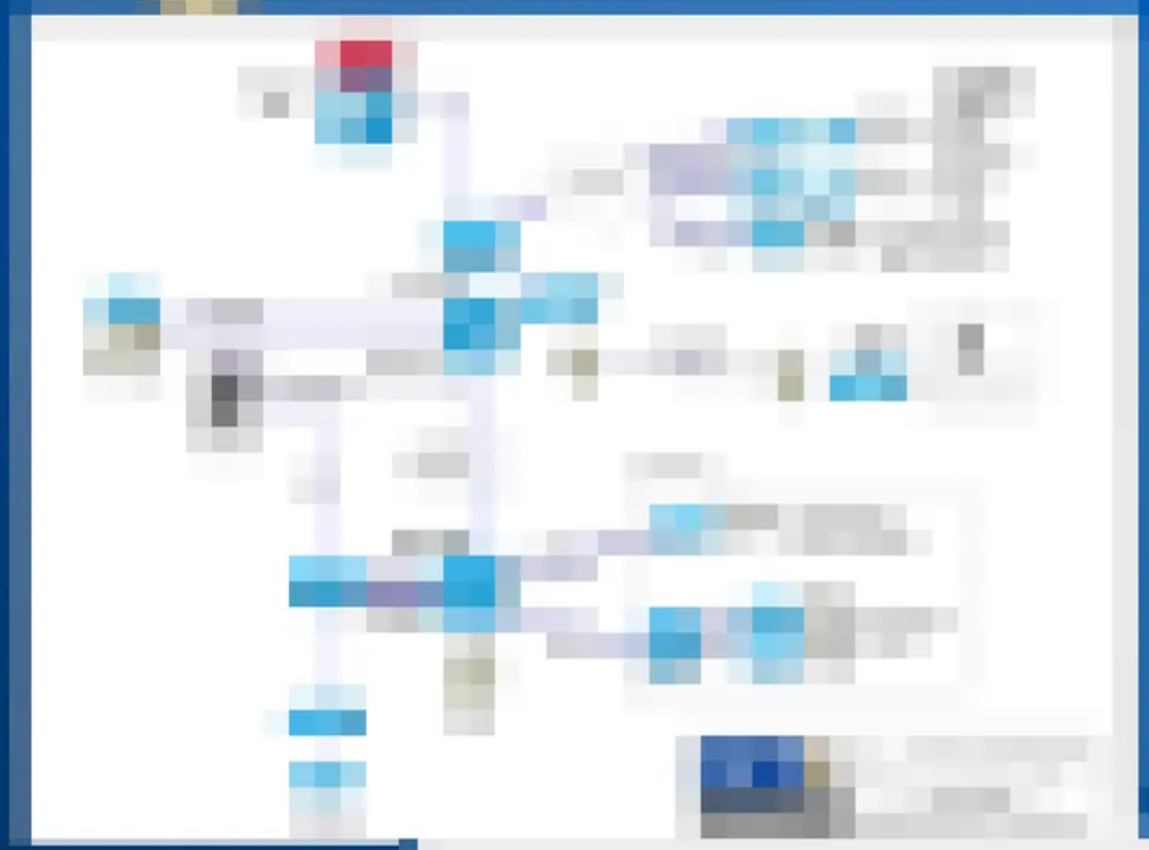
Project Background

- DHS & ICN need for intelligence on drug trafficking, people smuggling, and border security issues
- Mexico's [redacted]: a supply chain opportunity
- [redacted] & more
- Potential S2 Goldmine for multiple customers

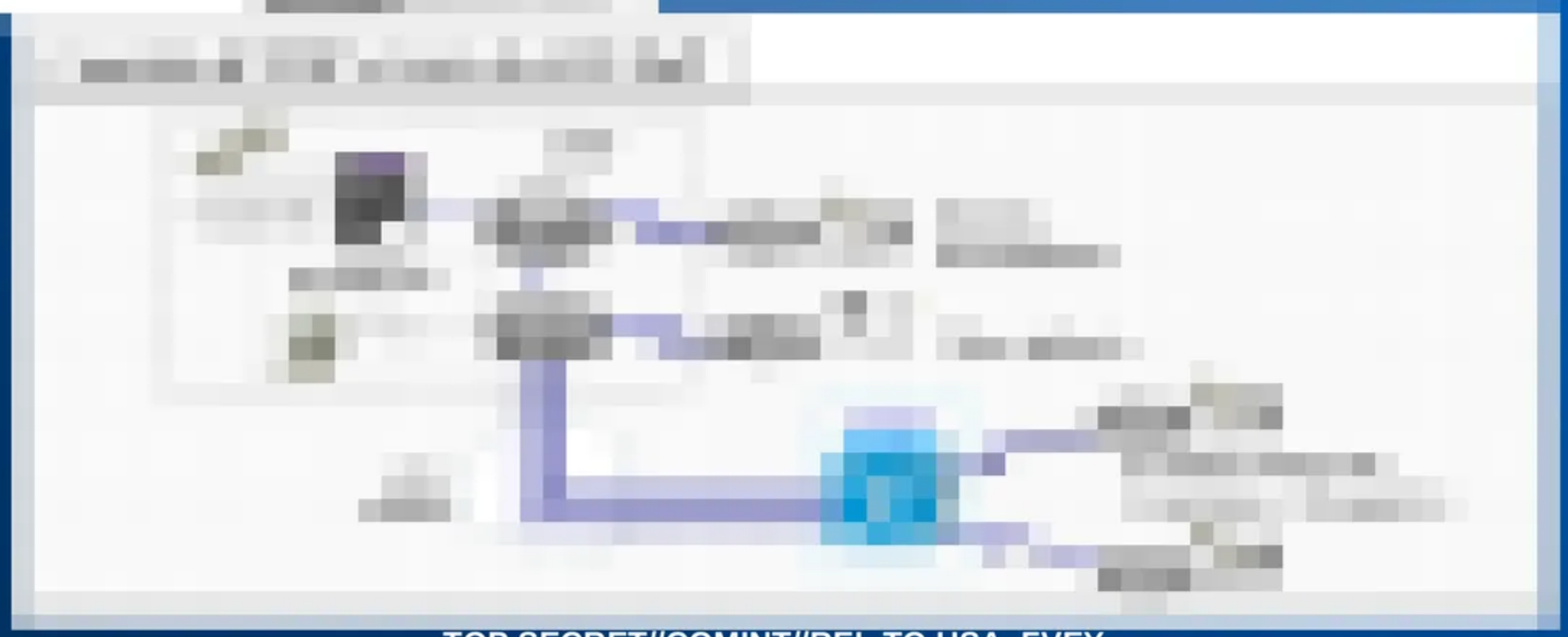
SSG Enabling Strategy

- Target System Administrators & Telecommunication Engineers
- Expand access to include higher priority Mexican security related organizations
- Find and Exploit S2 Targets of Interest

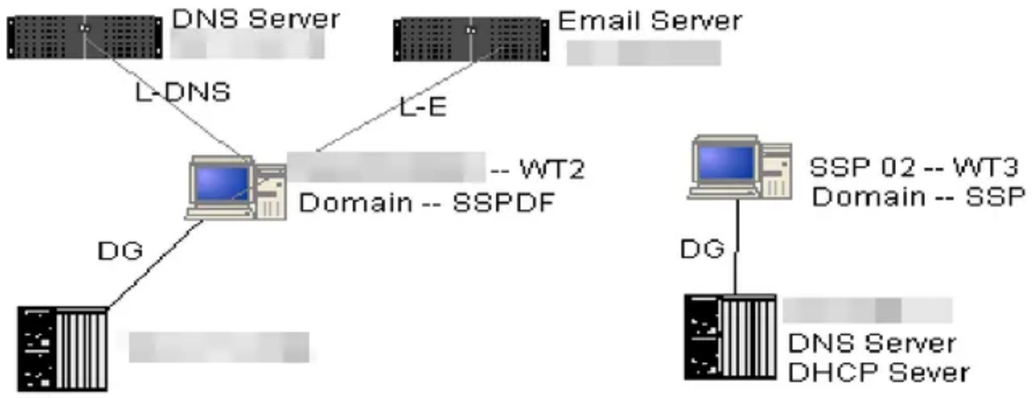
Example of Collected Diagrams

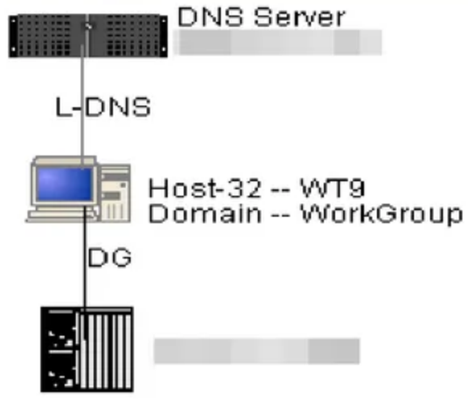


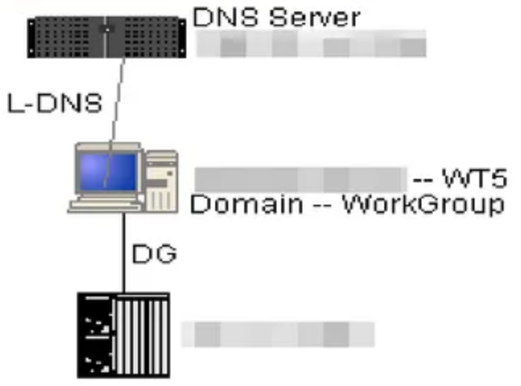


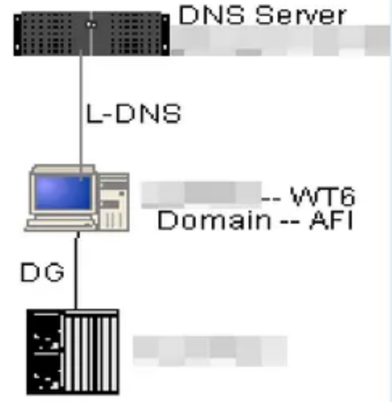


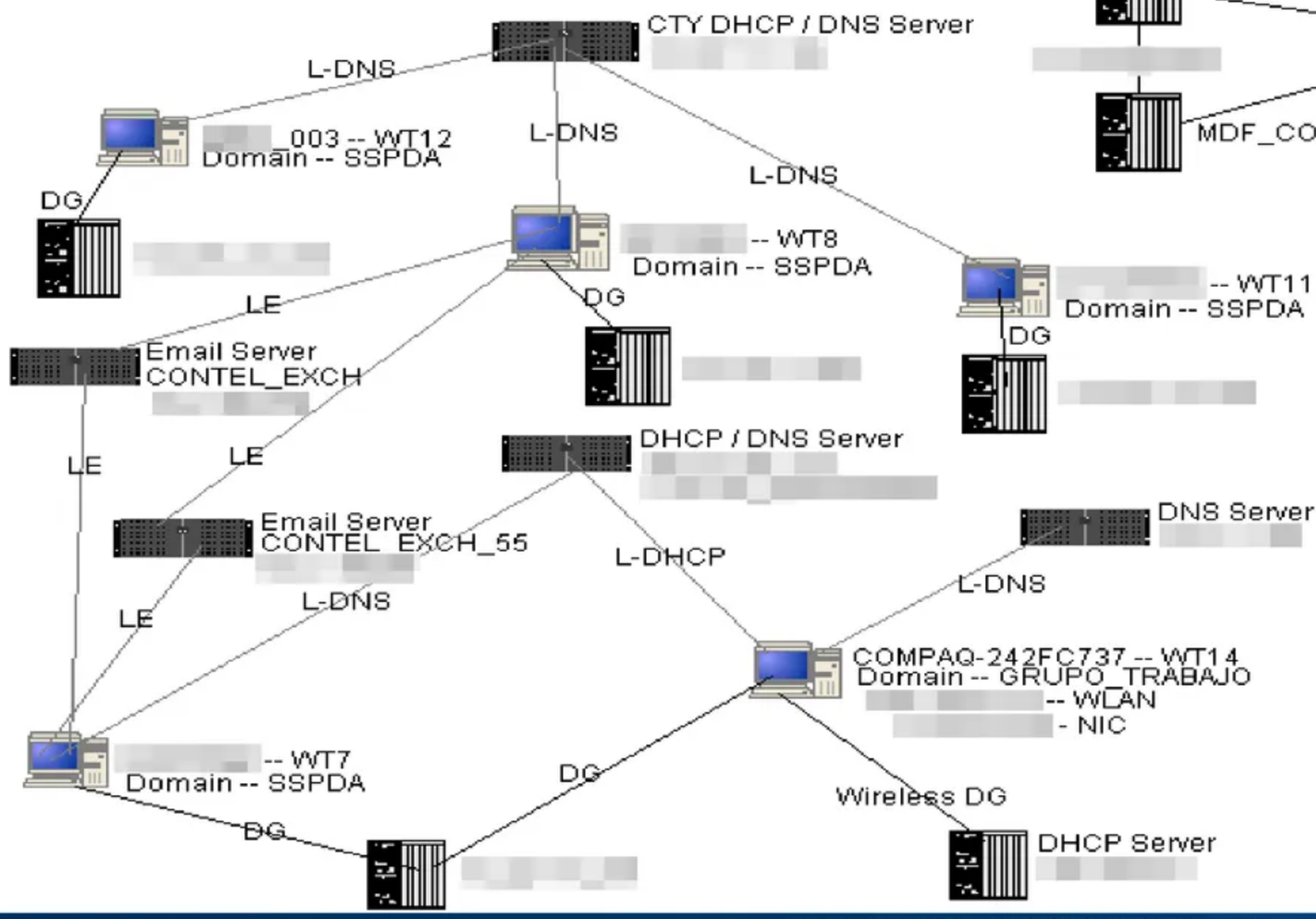
Example of Constructed Diagrams

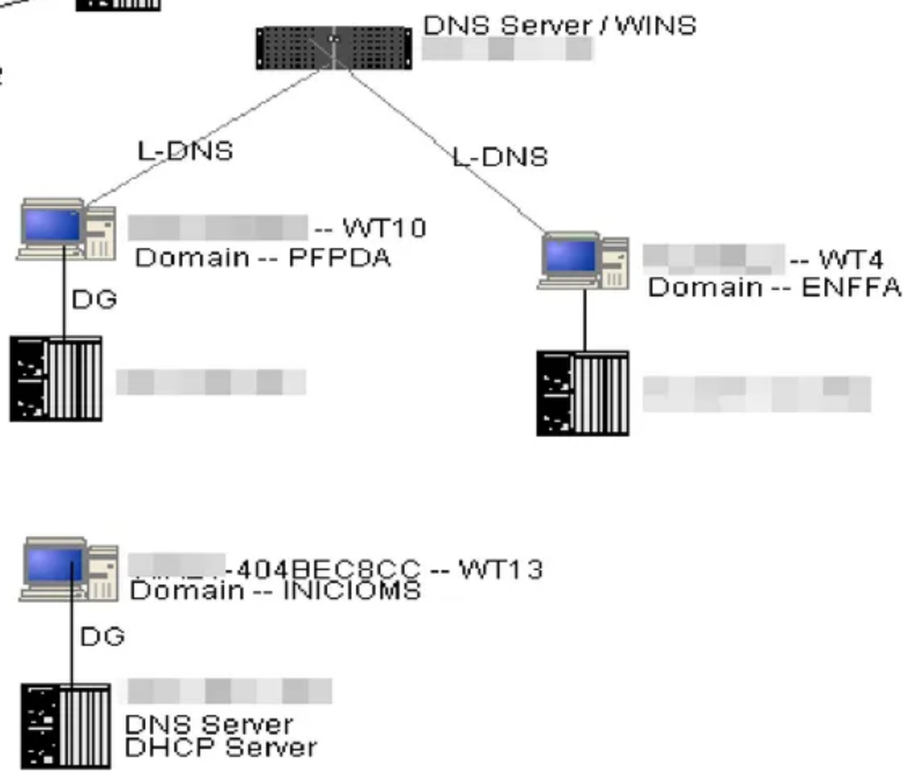












WHITETAMALE

Collaboration

- TOPI: Identify human targets of interest
- CES / NIE: Direct exploitation of WhiteTamale boxes
- SSG: Identify network targets of interest to get to these human targets
- TAO: Access the network to exploit and collect traffic

➢ **Enabling a balanced approach towards survey and target development with the goal of sustained collection and reporting**

DNI at NSA Texas

- NETA 2008: Example of end-to-end target
- External customer (IN) > TOPI (CRN) > TAO (Collection) > S2 (Reporting)

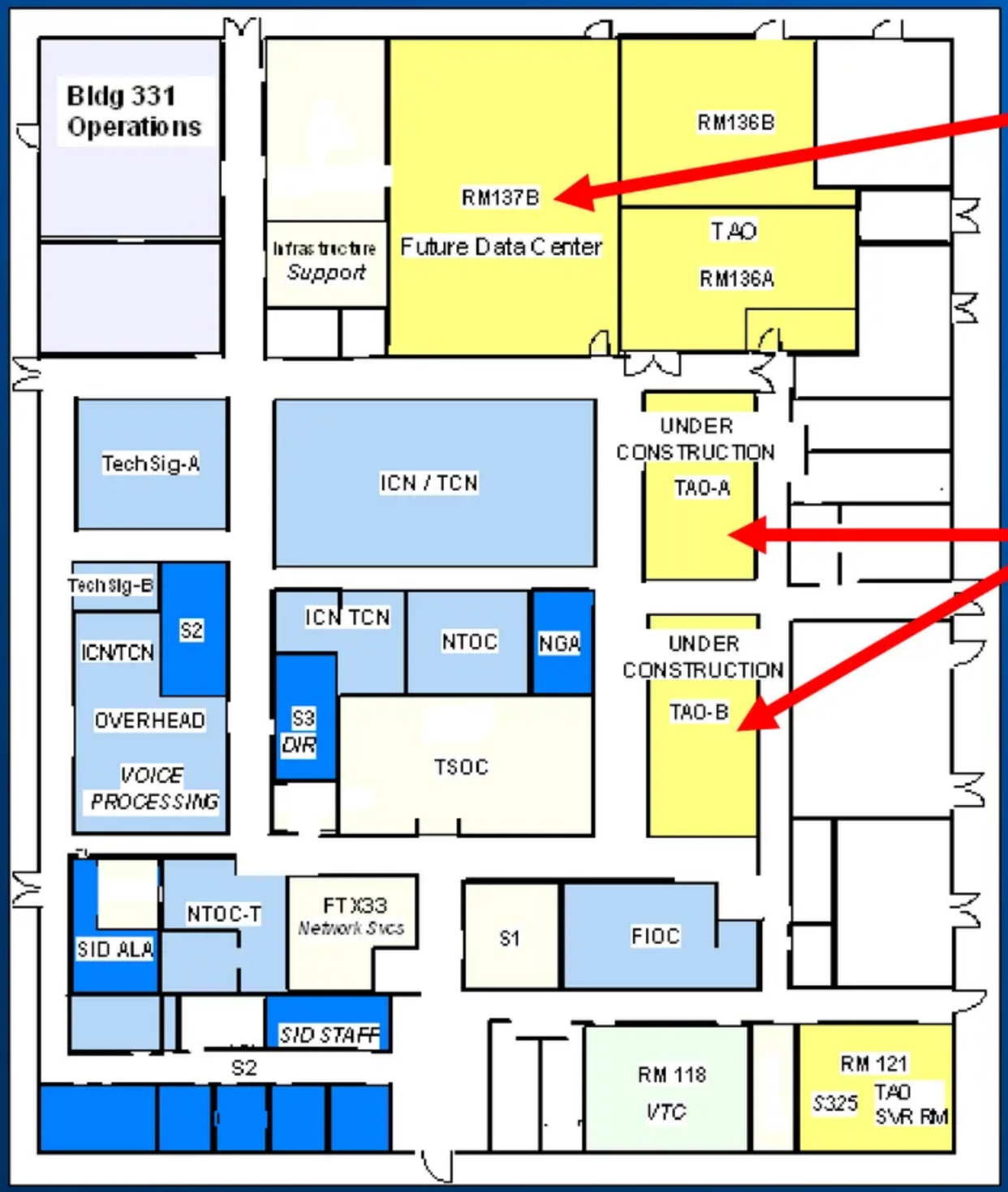
AOR Support

- GOAL: support Homeland Security requirements

NSAT Personnel Plan

Activity		Cumulative Personnel							
		FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15
ROC									
Leadership (br/div/td)		3	4	5	**5**	**5**	**6**	**6**	**6**
SWO		1	3	4	**5**	5	6	6	6
Interactive Operators		8	25	40	**52**	65	79	83	**86**
Production Operators		19	16	19	**20**	21	22	23	**23**
Network Response (NWO/NIO)		6	7	11	**13**	15	17	19	**20**
ROC Totals		**37**	**55**	**79**	**95**	**111**	**130**	**137**	**141**
R&T									
Leadership (br/div/td)		1	2	3	**3**	**3**	4	4	**4**
Analysts		12	27	44	**54**	59	67	72	**81**
R&T Totals		**13**	**29**	**47**	**57**	**62**	**71**	**76**	**85**
Capabilities									
Leadership (br/div/td)		0	0	0	1	1	2	2	2
Developers		3	6	13	19	26	32	35	38
Capabilities Totals		**3**	**6**	**13**	**20**	**27**	**34**	**37**	**40**
TAO									
TAO Leadership		3	3	3	3	3	3	3	3
TAO Staff		1	1	1	1	1	1	1	1
TAO Totals		**57**	**94**	**143**	**176**	**204**	**239**	**254**	**270**

TAO - Space

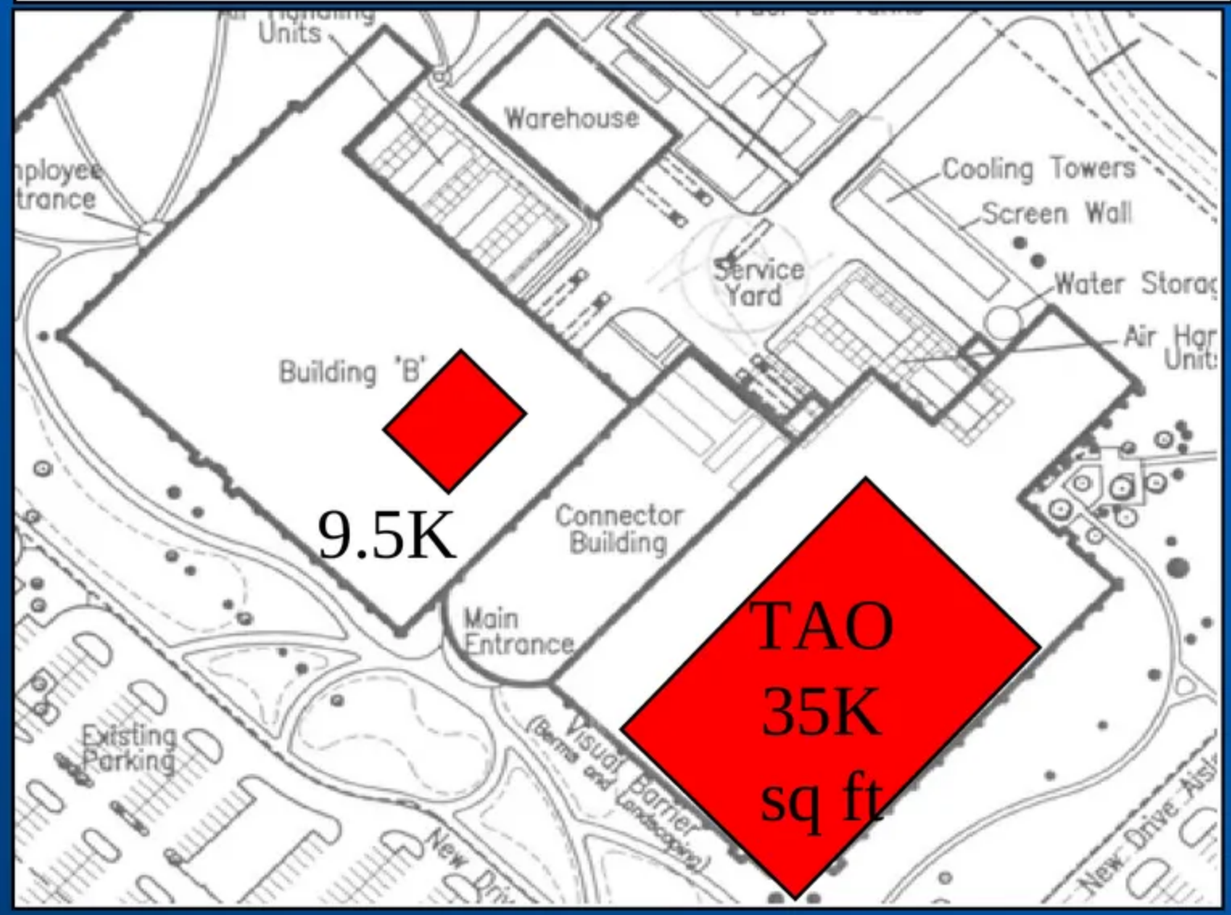


- **Status of Room 137**
  - 13 Racks installed, powered, in use
  - CDR Operational
  - Next installation in November 2008 for FREEZEPOST & DOCKETDICTATE
- **Schedule for Space A & B**
  - Operational - 27 NOV
  - Currently, TAO - 60 persons occupying 39 desks
  - Space management enabled by TDYs, Training, Integrees, Shift-Work, Details
  - End of 2008, potential for 13 more personnel

BACONRIDGE

AREAS	TEXAS
Personnel #s	270
Workstations	210
Workstation Area SqFt TX=100sqft vs GA/HI=72sqft	21,000
Operations Floor	1881
Ops Breakout Rooms	11
Large 350 sq ft	5
Medium 250 sq ft	4
Small 150 sq ft	2
Ops Breakout Rooms Total	3109
ROC Training Lab (RTL)	996
Technical Demonstration Center (TDC)	732
Maintenance Lab	~700
Data Closet	800
Conference Room	732
Caves	(8) ~ 85 = 680
Break/Locker area	~850
Data Center Racks/sqft	200 / 9,450
Total Sq Ft	*42000

BACONRIDGE–2011 (BOD)



Future

- COOP - from weather to load balancing
- Development - DNT, ANT, ?
- CNA - "Pushed out like CNE" - Col [redacted]



QUESTIONS?