From:		
Sent: To:	Thursday August 02 2007 3:48 PM	· ☐
7		b6
_		.b7
		þ
•		
Cc:		
Subject:	Reminder - Urgent FOIA Request - Deadline - Friday, August 3, 2007	
SENSITIVE BUT UNCLAS	SIFIED	
NON-RECORD		•
Just a reminder from UC	Please be sure to review your files for anything concerning CIPAV technology.	b6
Thank you,		Ъ7С
	ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED	1. C
Original Message From: Sent: Thursday, Jul	DATE 06-16-2008 BY 60322uclp/stp/rds	b6 b7С
Ta:		
Cc: Subject: Urgent FOIA Importance: High	Request - Deadline - Friday, August 3, 2007	
SENSITIVE BUT UNCL	ASSIFIED	
NON-RECORD		
Good Afternoon,		.b6 .b7C
Per UC ple	ase provide hard copies of ALL documentation, to include e-mails, concerning CIPAV	
please put all document	ation is to be turned in by <u>COB Friday, August 3rd. 2007</u> . Additionally, it is requested that your in the office that day, please take your documents to	ıu
Thanks,		

	•
Management Assistant Operational Technology Division (OTD) Cryptologic and Electronic Analysis Unit (CEAU) (Chantilly)	b6 b70 b2
(Quantico) (Cell)	•

SENSITIVE BUT UNCLASSIFIED

		1
From: Sent: Monday, July 30, 2 To: Cc: Subject: RE: Urgent FOIA F	Request - Deadline - Fnday, August 3, 2007	ბ7c
SENSITIVE BUT UNCLASSIFIED NON-RECORD		
How much, if anything, does CIPAV have 2001?	to do with the IPAV that was developed	t in our group back in
P. > SENSITIVE BUT UNCLASSIFIED > NON-RECORD	ALL INFORMATION CONTAI HEREIN IS UNCLASSIFIED DATE 06-16-2008 BY 603	
> > > Cood Afternoon,		÷.
> Per UC please provide hard copi > documentation, to include e-mails, concerning > Technology. All information is to be turned in > Friday, August 3rd, 2007. Additionally, it is re > you please put all documents in chronologica > not in the office that day, please take your doce	g CIPAV by <u>COB</u> equested that il order. If I am	ბ70
> Thanks,	. ,	•
> Management Assistant > Operational Technology Division (OTD) > Cryptologic and Electronic Analysis Unit (CEA > (Chantilly) > (Quantico) > (Cell)	AU)	b6 b7c b2
> > > SENSITIVE BUT UNCLASSIFIED		

From: Sent: Friday, July 27, 2007 4:59 PM To: Cc:	ъ6 ъ7С
Subject: FW: Urgent FOIA Request - Deadline - Friday, August 3, 2007	
Importance: High	,
SENSITIVE BUT UNCLASSIFIED NON-RECORD	
I want to clear up any misconceptions you have aboutand my role here. We are here to provadvice concerning Science and Technology matters. Also,is my backup for CEAU and my other un his backup for his units in his absence. It is improper for you to send general "taskers" to either one of us toif I am here.	its. iust as I am 🗦 6
Assistant General Counsel Science and Technology Law Unit Phone: Cell phone Secure phone Fax ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 06-16-2008 BY 60322uclp/stp/rds	b2 b6 b7C
From: Sent: Friday, July 27, 2007 4:45 PM To: Subject: FW: Urgent FOIA Request - Deadline - Friday, August 3, 2007 Importance: High	.b6 .b7C
SENSITIVE BUT UNCLASSIFIED NON-RECORD	
Per a request from CEAU UC he wanted you both to review the Urgent FOIA requestions, please contact me at the below numbers.	est below. If you
v/r,	ъ6 ъ7с
(CON); (OTD) (FBI); (OTD) (CON); (CON); (OTD) (FBI) (OTD) (FBI); (OTD)	(OTD) (OTD) (OTD) (OTD) (FBI) (OTD) (FBI); (OTD) (OTD)

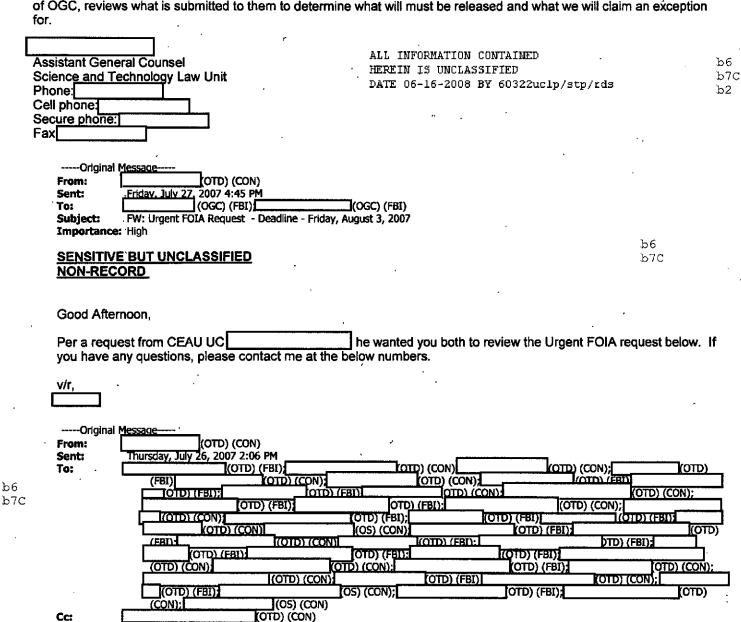
From: Sent: To: Cc: Subject:	Friday July 27 2007 4:56 PM RE: Urgent FOIA Request - Deadline - Friday, August 3, 2007	ъ6 ъ7с

SENSITIVE BUT UNCLASSIFIED **NON-RECORD**

b6

Subject:

There is nothing to review in your e-mail to the unit concerning the Urgent FOIA request. In fact, if there was a copy of the FOIA attached, there would be nothing for us to review. When a FOIA request goes out from HQ, the persons receiving the request must gather all responsive documents, note any concerns they have about the release of those documents, and send it to the person that sent the request. The FBI has a FOIA unit that, in conjunction with the FOIA Litigation Unit of OGC, reviews what is submitted to them to determine what will must be released and what we will claim an exception



Urgent FOIA Request - Deadline - Friday, August 3, 2007

Importance: High

SENSITIVE BUT UNCLASSIFIED NON-RECORD

Good Afternoon,

Per UC Pandelides, please provide hard copies of ALL documentation, to include e-mails, concerning CIPAV Technology. All information is to be turned in by <u>COB Friday</u>, <u>August 3rd</u>, <u>2007</u>. Additionally, it is requested that you please put all documents in chronological order. If I am not in the office that day, please take your documents to Jennifer Ashinhurst.

Thanks,

Leslie

Leslie Delp Management Assistant Operational Technology Division (OTD) Cryptologic and Electronic Analysis Unit (CEAU) 571-223-3509 (Chantilly) 703-985-1252 (Quantico) 202-538-1952 (Cell)

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

From: Sent: Friday, July 27, 2007 8:34 AM To: FW: Urgent FOIA Request - Deadline - Friday, August 3, 2007	
Importance: High	ъ7с .
ALL INFORMATION CONTAINED	
SENSITIVE BUT UNCLASSIFIED NON-RECORD HEREIN IS UNCLASSIFIED DATE 06-16-2008 BY 60322uclp/stp/rds	
You might want to send this to too.	٠
Since was the UC I assume he is also responding to this?	
The Tass the CC I assume he is also responding to this:	
Information Technology Specialist	Ъ6
Operational Technology Division	Ъ7С Ъ2
	DZ
-	
Original Message	
From: (OTD) (CON) Sent: Thursday, July 26, 2007 2:06 PM	
To: (OTD) (FBI) (OTD) (CON) (OTD) (CON) (CON) (FBI) (OTD) (CON); (OTD) (FBI);	(OTD)
(OTĎ) (FBI) (OTĎ) (FBI) (OTĎ) (CÓŇ) (OTĎ) (CÓN) (OTĎ) (CÓN)	(010)
(CON) (OTD) (FBI) (OTD) (FBI) (OTD) (FBI) (OTD) (CON) (OTD)	b6
(OTD) (CON); (OTD) (FBI); (OTD) (FBI);	OID (FBD: ,D /
(OTD) (CON); (OTD) (FBI); (OTD) (CON)	<u>(п</u> р)
(CON) (OTD) (FBI) (OTD) (CON); (OTD) (CON); (OTD) (CON);	(OS)
Cc: (OTD) (CON)	
Subject: Urgent FOIA Request - Deadline - Friday, August 3, 2007 Importance: High	
•	•
SENSITIVE BUT UNCLASSIFIED NON-RECORD	
•	• .
Good Afternoon,	
Per UC please provide hard copies of ALL documentation, to include e-mails, concerning CIPAV	Technology.
All information is to be turned in by COB Friday, August 3rd, 2007. Additionally, it is requested that you pleas	e put ali
documents in chronological order. If I am not in the office that day, please take your documents to	
Thanks,	р 6
· ·	Ъ7C
Management Assistant	

Operational Technology Division (OTD)

55

Cryptologic and	d Electronic Analysis Unit (CEAU)
	(Chantilly)
	(Quantico)
	(Cell)

b2

SENSITIVE BUT UNCLASSIFIED

From: Sent:	b6 b7C
SENSITIVE BUT UNCLASSIFIED NON-RECORD ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 06-16-2008 BY 60322uclp/stp/rds	
about this program, explaining that you would be discussing analysis responsibility with said that they were looking to evolve this into more aggressive coverage what I took to mean CIPAV and RASS - analysis. I told her that we and should be kept on the ECs as "read and clear" for the time being.	b6 b7c b2 b7E
From: Sent: Monday June 25, 2007, 9:25 AM To: Cc:	b6 b7c
SUBJECT: RE: Traveler Program SENSITIVE BUT UNCLASSIFIED NON-RECORD	
Please give me a call when you get a chance The Computer Intrusion Section, National Cyber Investigative Joint Task Force (NCIJTF), Investigative Operations Group (IOG), is in the process of formulating a "standardized" Traveler Program for implementation by FBI Field Divisions in coordination with our Intelligence Communication.	b2
My past experience working these types of operations (through the Honolulu Division) developed some baseline assessment whereby the following technical personnel assisted: SOSU; SPTU; and (former Program Manager). The NCIJTF is working closely with the WFO-NVRA, CR-16, in establishing their traveler operation(s).	b6 b7С
SSA CyD/CIS/C3IU-2 NCIJTF / PRC-DET Team Lead (STAO)	Ъ6 Ъ7С Ъ2
Original Message From: Sent: Wednesday, June 20, 2007 12:04 PM To: Cc: Subject: Traveler Program	ъ6 ъ7С
SENSITIVE BUT UNCLASSIFIED NON-RECORD Hi, This is in furtherance of the voice message I left for you this morning. As I understand it, you're managing the Trav	b6 b7C

Progran	n whereby, please correct me if wro STAO's Investigative Analysi		chnical suppor	t of the program	n with my unit.	Б7E
4					he expected turna	round
time? Thank y	(4)					
,	rou,		•	•		
SSASecure To	echnologies Exploitation Group	,				b 6
Electronic	ic and Electronic Analysis Unit (CEAU) c Surveillance Technology Section		•	•		b7c
ERF Exte	nal Technology Division Insion					
tel: fax	(unsecure)		•		b2 b6	:
tel: fax	(secure)				Ъ7С	

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

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From: Sent: To: Subject:	Wednesday, July 25, 2007 1 DICLEMENTE, ANTHONY P RE: FOIA request from Wire	P. (OTD) (FBI);	. b6 .b7c
SECRET RECORD 319		REASON: 1	D BY 60322uclp/stp/rds
Probably best disc	cussed in person. After our 4:00?	•	
Sent: W	ICLEMENTE, ANTHONY P. (OTD) (FBI) /ednesday, July 25, 2007 12:34 PM E: FOIA request from Wired News		. b6 b7C ·
approval to us Anthony P. Di Chief, Data Ad	ding is that the tool itself is unclassified se it in a criminal investigation. iClemente cquisition and Intercept Section echnology Division	ALL INFORMAT	TION CONTAINED ICLASSIFIED EXCEPT
		•	b6 - b7C b2
From: W Sent: W To:	E: FOIA request from Wired News	ITHONY P. (OTD) (FBI)	ъ6 ъ7с
protected. to be wha	Wednesday, July 25, 2007 11:16 A	ght have to provide something. \$ t should help. Thanks!	ensitive, that it would not be Since, the specifics (which I take

If I understand the questions that Mr. Poulsen would like answered, such as how we deliver the system, etc,



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		etc. are all held SECRET. The T. However, the workings thereof would, by nsitive.	y b
Bill			
Original Message			. 1
Sent: V	ednesday, July 25, 2007 10:58 AM DICLEMENTE, ANT FOIA request from Wired News	HONY P. (OTD) (FBI)	
SENSITIVE BUT NON-RECORD	UNCLASSIFIED		
	classified SECRET?	•	
Original Me From: Sent:	Wednesday, July 25, 2007 8:36 AM		
To: Subject:	DICLEMENTE, ANTHONY P. (OTD) (FBI); RE: FOIA request from Wired News		
NON-RECO	UT UNCLASSIFIED		
		technical details of the CIPAV are classified	l .
Therefore, w	should be shielded from this.		
Origin	l Message	•	
From: Sent:	DICLEMENTE, ANTHONY P. (OTD) (FBI)		
To: Cc: Subject:	RE: FOIA request from Wired News		
SENSITI NON-RE	/E BUT UNCLASSIFIED		
		·	
FOIA exe		gation Unit. We have been able to utilize the w enforcement techniques and methods su	
Anthony	P. DiClemente		k k
	ta Acquisition and Intercept Section all Technology Division		
		•	
			Ъ6
(From	riginal Message I	\neg	Ъ70 Ъ2
Sent: To:	ruesday, July 24, 2007 4:02 PM	 CLEMENTE, ANTHONY P. (OTD) (FBI)	
Subje			

SECRET

Tony,	
See attached email string. It appears that there was a FOIA request concering the CIPAV used in the Seattle case. Looks like Seattle CDC is looking for assistance. Could you pleat provide me with guidance. Thanks!	/ b6 ase b7C
From: Sent: To: Subject: FW: FOIA request from Wired News	.b6 .b70
UNCLASSIFIED NON-RECORD	,
FYI. SSA	
Operational Technology Division b6 Data Acquisition and Intercept Section b7c Cryptologic and Electronic Analysis Unit b2 Software Development Group (desk) (cell)	,
(fax-unclass)	
From: Sent: To: Subject: FW: FOIA request from Wired News	6d b70
UNCLASSIFIED NON-RECORD	•
FYI, we received the below FOIA request and responded through our CDC SSA	\neg
I understand there was a flurry of activity last week related to the conviction of the defend the subsequent media attention, and misinformation being circulated about the manner be which this case was handled by my squad.	iant, b6 b70
Please let me know if anyone has any pending issues concerning the above. Thank you	
Original Message	.b6 .b70
To: Cc: Subject: FW: FOIA request from Wired News	







Your inquiry was forwarded to me for resolution since I am the Field Office FOIF Coordinator.	PA	
The technique you mention in your e-mail is a sensitive law enforcement technic	que. The	56
Seattle Field Office does not believe it appropriate to release any information at	oout this	50 570
technique, beyond that which was contained in the affidavit, and recommends the with the folks in the Cyber Division and/or the Operation Technology Division for		
prior to processing the request.	trieir opinion .	
If I may be of further assistance please let me know.		
Thank you.		
Supervisory Special Agent		
Chief Division Counsel	Ъ6	
Seattle Division	ъ7с	
	b2	
Original Message		
From:		56
Sent: Monday, July 23, 2007 4:18 PM	þ	57C
To: Cc:		
Subject: FW: FOIA request from Wired News		
UNCLASSIFIED NON-RECORD		
Original Message		
From:)d.	6
Sent: Monday, July 23, 2007 12:07 PM To:	ď.	7C
Subject: FW: FOIA request from Wired News		
UNCLASSIFIED		
NON-RECORD		
·		
Original Mes		
From: Monday, July 23, 2007 11:56 AM	b 6	
To:	b7	
Subject: FOIA request from wired News		
UNCLASSIFIED	,	1
NON-RECORD		
n telo no collega a massa no concel for a liferia a francia an tagada blassa a addusa a addus for f	"CHELO	

We received a FOIA request from Keven Poulsen, Wired News, addressed to FBI HQ, 'seeking any documents, including but not limited to electron records, concerning the FBI's development and utilization of so-called "Computer and Internet Protocol Address Veridier" [CIPAV]'. I already did a ACS search and did not come up with any information.

b6 b7C

I bring this to your attention, because the writer mentioned the following, "A CIPAV is described in a June 12, 2007 application and affidavit filed by FBI Special Agent Norman B. Sanders, Jr of the Seattle Field Office as something that can be transmitted electronically to an investigation target, and , once activated, 'will cause the activating computer to send network level messages, including the activating computer's originating IP address and MAC address, other variables, and certain registry-type information' to a computer under the FBI control."



SESRET

Do you know where this information is located in order to respond to the FOIA request?

Thanks for your assistance.

Legal Administrative Specialist

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DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign Counterintelligence

Investigations

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Importance: High

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FY!

----Original Message From: Sent: Tuesday, July 17, 2007 9:12 AN b6 To: b7C Cc: FW: SF Newspaper Ad Response Subject: Importance: High SECRET (S) RECORD bl bб -----Original Message b7C From: Sent: Tuesday, July 17, 2007 8:11 AM To: Cc: Subject: . FW: SF Newspaper Ad Response Importance: High SECRET RECORD b1 **FYI b**6 -----Original Messageb7C From: Sent: Monday, July 16, 2007 5:15 Pl To: Subject: FW: SF Newspaper Ad Response **SECRET** RECORD **b**1 FYI -Please see below if you haven't already. Regards, **b**6 -Original Message b7C From: Sent: Monday, July 16, 2007 4:55 PM To: Subject: FW: SF Newspaper Ad Response

26

From: (HO) (FBI) Sent: Monday July 16 2007 4:54 DM To: Subject: RE: SF Newspaper Ad Response	Ъ6 Ъ7С
SECRET (S)	· b1
My replacements are	
SSA Houston Division Sauad CI-3	ь6 ъ7с ъ2
From: Sent: Monday July 16 2007 3:34 PM To: Subject: FW: SF Newspaper Ad Response	
(S) SECRET RECORD	b1 b6
I know you both have successors but I didn't know who they we I'm back in NY and saw this traffic. I don't know if this has any implic	
Original Moscaco	ъ6 ъ70
To: Subject: FW: SF Newspaper Ad Response	
(S) SECRET RECORD	b1
Reporting from CHICAGO ref the LA info I sent around earlier today. Thanks,	b6
Original Message From:	b7C

Sent:	Monday, July 16, 2007 12:50 PM	•
To:	MOTIDAY, 101V 18, 2007 12:30 PM	b
Subject		
SECRI RECO	ETRI	
		{;
SSA	· · ·	, b6
	Original Maccago	b7с b2
Fro Se	om:	þ
To	bject: SF Newspaper Ad Response	р
SE	ECRET	
R	(S)	
Ge	ents:	
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'		
SS _FE	SA BI <u>Los Angeles Squad C</u> I-2	ðd
	(STE)	b7c b2
	(cell)	~-

DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign Counterintelligence Investigations
DECLASSIFICATION EXEMPTION 1



DECLASSIFICATION EXEMPTION 1

SECRET



ent: O: GE: Ubject: RE: CIPAV? DATE: 08-15-2008 CLASSIFIED BY 60322uclp/stp/rds REASON: 1.4 (c) DECLASSIFY ON: 08-15-2033 CON-RECORD Suy SA Cting Unit Chief Pata Intercept Technology Unit Coriginal Message Prom: Sent: Tuesday July 24-2007 6:27 AM				
CE: ubject: RE: CIPAV? DATE: 08-15-2008 CLASSIFIED PY 60323uclp/stp/tds PASSON: 1.4 (c) DECLASSIFIED PY 60323uclp/stp/tds PASSON: 1.4 (c) DECLASSIFIED PY 60323uclp/stp/tds PASSON: 08-15-2033 BUY SA Cring Unit Chief HERRIN IS UBCLASSIFIED EXCEPT WHERE SHOULD OTHERWISE TOESDAY, July 24, 2007 6:27 AM TO: Cc: Sent: Tuesday, July 24, 2007 6:27 AM TO: Cc: Subject: CIPAV7 SENSITIVE BUT UNCLASSIFIED Helio Guy, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED SENSITIVE BUT UNCLASSIFIED SENSITIVE BUT UNCLASSIFIED	From:			
DATE: 08-15-2008 CLASSIFIED BY 50322vclp/stp/tds PEASON: 1. 4 (c) DECLASSIFY ON: 08-15-2033 BULLY SAL LIMFORMATION CONTAINED HEREIN IS UNCLASSIFIED CONTROL CONTR	ient:	Tuesday, July 24, 2007 8	B:29 AM	
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CON-RECORD DECLASSIFY CD: 08-15-2033 DON-RECORD ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE			CLÁSSIFIED BY 60322uclp/stp/rds	
Sensitive But unclassified Assistant Legal Attache Frankfurt, Germany Sensitive But unclassified Assistant Legal Attache Frankfurt, Germany Sensitive But unclassified	ENSITIVE BUT UNC	DASSIFIED	REASON: 1.4 (c) DECLASSIFY ON: 08-15-2033	
ALL INFORMATION CONTAINED ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE Original Message From: To: Cc: Subject: UPAV7 SENSITIVE BUT UNCLASSIFIED NON-RECORD Hello Guy, Hello Guy, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED ASSISTIVE BUT UNCLASSIFIED SENSITIVE BUT UNCLASSIFIED	ON-RECORD /		222200021 000 00 20 200	
Cring Unit Chief ata Intercept Technology Unit HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE Original Message From: Tuesday, July 24, 2007 6:27 AM To: Cc: Subject: UPAV7 SENSITIVE BUT UNCLASSIFIED Hello Guy, Hello Guy, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED SENSITIVE BUT UNCLASSIFIED SENSITIVE BUT UNCLASSIFIED ENSITIVE BUT UNCLASSIFIED			A	
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Cring Unit Chief ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE	·	٦	•	
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Crossent: Tuesday, July 24, 2007 6:27 AM To: Cc: Subject: CIPAV7 SENSITIVE BUT UNCLASSIFIED NON-RECORD Helio Guy, Thanks again, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED SENSITIVE BUT UNCLASSIFIED			WHERE SHOWN UTHERWISE	k k
From: Sent: Tuesday, July 24, 2007 6:27 AM To: Cc: Subject: CIPAV? SENSITIVE BUT UNCLASSIFIED MON-RECORD Helio Guy, Helio Guy, Thanks again, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED SENSITIVE BUT UNCLASSIFIED		•	,	, j
Sent: Tuesday, July 24, 2007 6:27 AM To: Cc: Subject: CIPAV? SENSITIVE BUT UNCLASSIFIED NON-RECORD Helio Guy, Helio Guy, Thanks again, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED SENSITIVE BUT UNCLASSIFIED				
SENSITIVE BUT UNCLASSIFIED NON-RECORD Helio Guy, Is tdy here, and he is handling this matter. Can you advise him who he should contact to find out more about CIPAV? Thanks again, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED	Sent: Tuesda	y, July 24, 2007 6:27 AM		h h
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is tdy here, and he is handling this matter. Can you advise him who he should contact to find out more about CIPAV? Thanks again, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED				
Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED	Hello Guy,			
about CIPAV? Thanks again, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED	4			
about CIPAV? Thanks again, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED				
Thanks again, Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED ENSITIVE BUT UNCLASSIFIED	lia	tdy hara, and ha is handling th	is matter. Can you advise him who he should contact to fin	d out more
Assistant Legal Attaché Frankfurt, Germany SENSITIVE BUT UNCLASSIFIED ENSITIVE BUT UNCLASSIFIED		y note, and he is nariding th	is mater. Sail you dayloo him who he chould contact to him	0 001010
SENSITIVE BUT UNCLASSIFIED ENSITIVE BUT UNCLASSIFIED	Thanks again,			
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From: Sent: To:	Monday, July 23, 200	7 2:08 PM				b6
Cc: Subject:	RE: JTF-GNO Reque	st for FBI Too	DI			b70
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is correct in his Perhaps this would be a go	s hesitancy, based on li and topic for the NCIJTI				Iressing this issue).
Cyber / C3IU-2 - Work - Fax - Cell		·				ъ6 ъ7с ъ2
"If you don't learn to laugh at trou	bles, you won't have anythin	g to laugh at wh	en you grow old." - E	dward W. Howe	,	ı
To:	23, 2007 12:02 PM Request for FBI Tool					ъ6 ъ7с
On a case-by-case bas without any oversight of	sis, we may be able to a or protection for our tool	assist. But an I/technique.	weary to just ha	and over our tools t	to another Gov't a	gency
From: Sent: Monday, July To: Cc: Subject: FW: JTF-GNC	23, 2007 11:46 AM		· ·			b6 b7C
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talked with without an MOU be	etween the two agencie	morning and	he said the FBI	can't share FBI too	ols with other ager	
Any assistance wil	i ne appreciateo.					

From: Sent: Monday, July 23, 2007 11:11 AM To: Subject: JTF-GNO Request for FBI Tool	
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The Joint Task Force - Global Network Operations (JTF-GNO) has asked "Computer Internet Protocol Address Verifier" (CIPAV). Please advise who	the FBI for a copy of a tool called ere I could go to find this tool for release
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NCIS Liaison - FBI Cyber Division	
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From: Sent: To: Subject:	Wednesday, July 18.			,	.b6 .b7C
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From: Sent: Wednesday. To: Cc: Subject: Seattle CIPA		NTE, ANTHONY P. (OTD) (FBI)	(OTD) (FBI)	b6 b7C
NON-RECORD I just wanted to reiteral	te our telephonic discus:	sion, so that you	ı can pass this informa	ition on to your Executive several news and technic	and I
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Unit Chief Cryptologic and Electro	onic Analysis Unit (CEA	U)		,	•

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From: Sent: To: Subject:	Wednesday, July 18, 2007 3:57 PM FW: FBI's Secret Spyware Tracks Down Teen Who Made Bomb Threats	b6 b7C
UNCLASSIFIED NON-RECORD Wow you're good!	ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 06-16-2008 BY 60322uclp/stp/rds	
To:	Z July 18: 2007 2:13 PM ecret Spyware Tracks Down Teen Who Made Bomb Threats	
UNCLASSIFIED NON-RECORD		b6 b7c b2
vvnen aid we get tools like	e this? Oh wait, now I remember. Anyway, glad to see it all spelled out in Wired.	
To:	r, July 18, 2007 11:03 AM t Spyware Tracks Down Teen Who Made Bomb Threats	56 570
UNCLASSIFIED NON-RECORD		

This looks like "the good stuff" that the criminal people never get to use. Interesting that it's in an criminal affidavit.

FBI's Secret Spyware Tracks Down Teen Who Made Bomb Threats

Wired.com

2:00 AM

By Kevin Poulsen

July 18, 2007

SEATTLE, WA - FBI agents trying to track the source of e-mailed bomb threats against a Washington high school last month sent the suspect a secret surveillance program designed to surreptitiously monitor him and report back to a government server, according to an FBI affidavit obtained by Wired News.

The court filing offers the first public glimpse into the bureau's long-suspected spyware capability, in which the <u>FBI</u> adopts techniques more common to online criminals. The software was sent to the owner of an anonymous MySpace profile linked to bomb threats against Timberline High School near Seattle. The code led the <u>FBI</u> to 15-year-old Josh Glazebrook, a student at the school, who on Monday pleaded guilty to making bomb threats, identity theft and felony harassment. In an affidavit seeking a search warrant to use the software, filed last month in U.S. District Court in the Western District of Washington, <u>FBI</u> agent Norman Sanders describes the software as a "computer and internet protocol address verifier," or CIPAV.

FBI Spyware In A Nutshell

The full capabilities of the <u>FBI</u>'s "computer and internet protocol address verifier" are closely guarded secrets, but here's some of the data the malware collects from a computer immediately after infiltrating it, according to a bureau affidavit acquired by Wired News.

- IP address
- MAC address of ethernet cards
- A list of open TCP and UDP ports
- A list of running programs The operating system type, version and serial number
- The default internet browser and version
- The registered user of the operating system, and registered company name, if any
- The current logged-in user name
- The last visited URL

Once that data is gathered, the CIPAV begins secretly monitoring the computer's internet use, logging every IP address to which the machine connects. All that information is sent over the internet to an <u>FBI</u> computer in Virginia, likely located at the <u>FBI</u>'s technical laboratory in Quantico. Sanders wrote that the spyware program gathers a wide range of information, including the computer's IP address; MAC address; open ports; a list of running programs; the operating system type, version and serial number; preferred internet browser and version; the computer's registered owner and registered company name; the current logged-in user name and the last-visited URL. The CIPAV then settles into a silent "pen register" mode, in which it lurks on the target computer and monitors its internet use, logging the IP address of every computer to which the machine connects for up to 60 days.

Under a ruling this month by the 9th U.S. Circuit Court of Appeals, such surveillance — which does not capture the content of the communications — can be conducted without a wiretap warrant, because internet users have no "reasonable expectation of privacy" in the data when using the internet. According to the affidavit, the CIPAV sends all the data it collects to a central <u>FBI</u> server located somewhere in eastern Virginia. The server's precise location wasn't specified, but previous <u>FBI</u> internet surveillance technology — notably its Carnivore packet-sniffing hardware — was developed and run out of the bureau's technology laboratory at the <u>FBI</u> Academy in Quantico, Virginia.

The <u>FBI</u>'s national office referred an inquiry about the CIPAV to a spokeswoman for the <u>FBI</u>
Laboratory in Quantico, who declined to comment on the technology. The <u>FBI</u> has been known to use
PC-spying technology since at least 1999, when a court ruled the bureau could break into reputed
mobster Nicodemo Scarfo's office to plant a covert keystroke logger on his computer. But it wasn't until
2001 that the <u>FBI</u>'s plans to use hacker-style computer-intrusion techniques emerged in a report by

MSNBC.com. The report described an <u>FBI</u> program called "Magic Lantern" that uses deceptive e-mail attachments and operating-system vulnerabilities to infiltrate a target system. The <u>FBI</u> later confirmed the program, and called it a "workbench project" that had not been deployed.

No cases have been publicly linked to such a capability until now, says David Sobel, a Washington, D.C., attorney with the Electronic Frontier Foundation. "It might just be that the defense lawyers are not sufficiently sophisticated to have their ears perk up when this methodology is revealed in a prosecution," says Sobel. "I think it's safe to say the use of such a technique raises novel and unresolved legal issues." The June affidavit doesn't reveal whether the CIPAV can be configured to monitor keystrokes, or to allow the <u>FBI</u> real-time access to the computer's hard drive, like typical Trojan malware used by computer criminals. It notes that the "commands, processes, capabilities and ... configuration" of the CIPAV is "classified as a law enforcement sensitive investigative technique, the disclosure of which would likely jeopardize other ongoing investigations and/or future use of the technique."

The document is also silent as to how the spyware infiltrates the target's computer. In the Washington case, the <u>FBI</u> delivered the program through MySpace's messaging system, which allows HTML and embedded images. The <u>FBI</u> might have simply tricked the suspect into downloading and opening an executable file, says Roger Thompson, CTO of security vendor Exploit Prevention Labs. But the bureau could also have exploited one of the legion of web browser vulnerabilities discovered by computer-security researchers and cybercrooks — or even used one of its own. "It's quite possible the <u>FBI</u> knows about vulnerabilities that have not been disclosed to the rest of the world," says Thompson. "If they had discovered one, they would not have disclosed it, and that would be a great way to get stuff on people's computer. Then I guess they can bug whoever they want."

The FBI's 2008 budget request hints at the bureau's efforts in the hacking arena, including \$220,000 sought to "purchase highly specialized equipment and technical tools used for covert (and) overt search and seizure forensic operations.... This funding will allow the technology challenges (sic) including bypass, defeat or compromise of computer systems." With the FBI in the business of hacking, security companies are in a tight place. Thompson's LinkScanner product, for example, scans web pages for security exploits, and warns the customer if one is found. How would his company respond if the FBI asked him to turn a blind eye to CIPAV? He says he's never fielded such a request. "That would put us in a very difficult position," Thompson says. "I don't know what I'd say."

The Washington case unfolded May 30, when a handwritten bomb threat prompted the evacuation of Timberline High School in Lacey, Washington. No bomb was found. On June 4, a second bomb threat was e-mailed to the school from a Gmail account that had been newly created under the name of an innocent student. "I will be blowing up your school Monday, June 4, 2007," the message read. "There are 4 bombs planted throughout Timberline high school. One in the math hall, library hall, main office and one portable. The bombs will go off in 5 minute intervals at 9:15 AM." In addition, the message promised, "The e-mail server of your district will be offline starting at 8:45 am."

The author made good on the latter threat, and a denial-of-service attack smacked the North Thurston Public Schools computer network, generating a relatively modest 1 million packets an hour. Responding to the bomb threat, school administrators ordered an evacuation of the high school, but, once again, no explosives were found. That began a bizarre cat-and-mouse game between law enforcement and school officials and the ersatz cyberterrorist, who e-mailed a new hoax bomb threat every day for several days, each triggering a new evacuation. Each threat used the same pseudonym, but was sent from a different, newly created Gmail account to complicate tracing efforts.

On June 7, the hoaxer started issuing threats through other online mediums. In his most brazen move, he set up a MySpace profile called Timberlinebombinfo and sent friend requests to 33 classmates. The whole time he was daring law enforcement officials to trace him. "The e-mail was sent over a newly made Gmail account, from overseas in a foreign country," he wrote in one message. "Seeing as you're too stupid to

trace the e-mail back lets (sic) get serious," he taunted in another. "Maybe you should hire Bill Gates to tell you that it is coming from Italy. HAHAHA. Oh wait. I already told you that it's coming from Italy." As promised, attempts to trace the hoaxer dead-ended at a hacked server in Grumelio del Monte, Italy.

The <u>FBI</u>'s Seattle Division contacted the <u>FBI</u> legal attaché in Rome, who provided an official request to the Italian national police for assistance. But on June 12, perhaps fed up with the mocking, the <u>FBI</u> applied for and obtained a search warrant authorizing the bureau to send the CIPAV to the Timberlinebombinfo MySpace profile. Court documents reveal the search warrant was "executed" June 13 at 5:49 p.m. Though the CIPAV provided a wealth of information, Glazebrook's IP address would have been enough to guide the <u>FBI</u> to the teen's front door. John Sinclair, Glazebrook's attorney, says his client never intended to blow anything up — "it was a prank from the get-go" — but admits he hacked into computers in Italy to launder his activities, and that he launched the denial-of-service attack against the school district's network.

Glazebrook was sentenced Monday to 90 days in custody, and given credit for 32 days he's spent behind bars since his arrest. When he's released he'll be on two years' probation with internet and computer restrictions, and he's been expelled from high school. The teen is being held at the Thurston County Juvenile Detention Center, where he will serve out his sentence, says Sinclair. Sinclair says he was told that the <u>FBI</u> had tracked down his client in response to a request from local police — but that he didn't know exactly how the bureau did it.

"The prosecutor made it clear that they wouldn't indicate how this device works or how they do it," says Sinclair. "For obvious reasons." Larry Carr, a spokesman with the <u>FBI</u>'s Seattle field office, couldn't confirm that the CIPAV is the same software previously known as Magic Lantern, but emphasized that the bureau's technological capabilities have grown since the 2001 report. The case shows that <u>FBI</u> scientists are equipped to handle internet threats, says Carr. "It sends a message that, if you're going to try and do stuff like this online, that we have the ability to track individuals' movements online and bring the case to resolution."

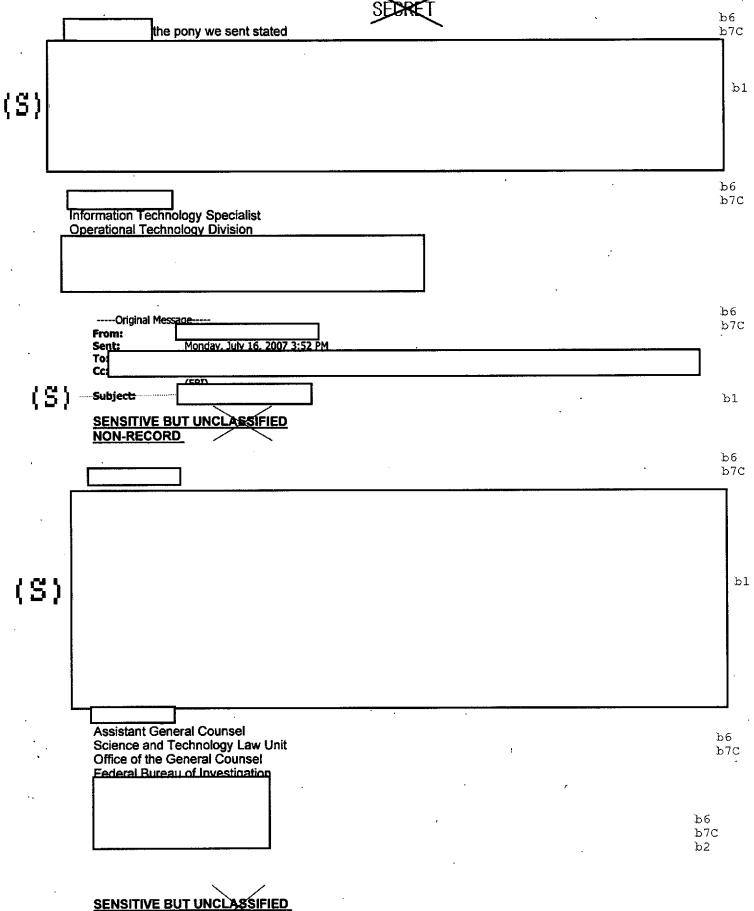
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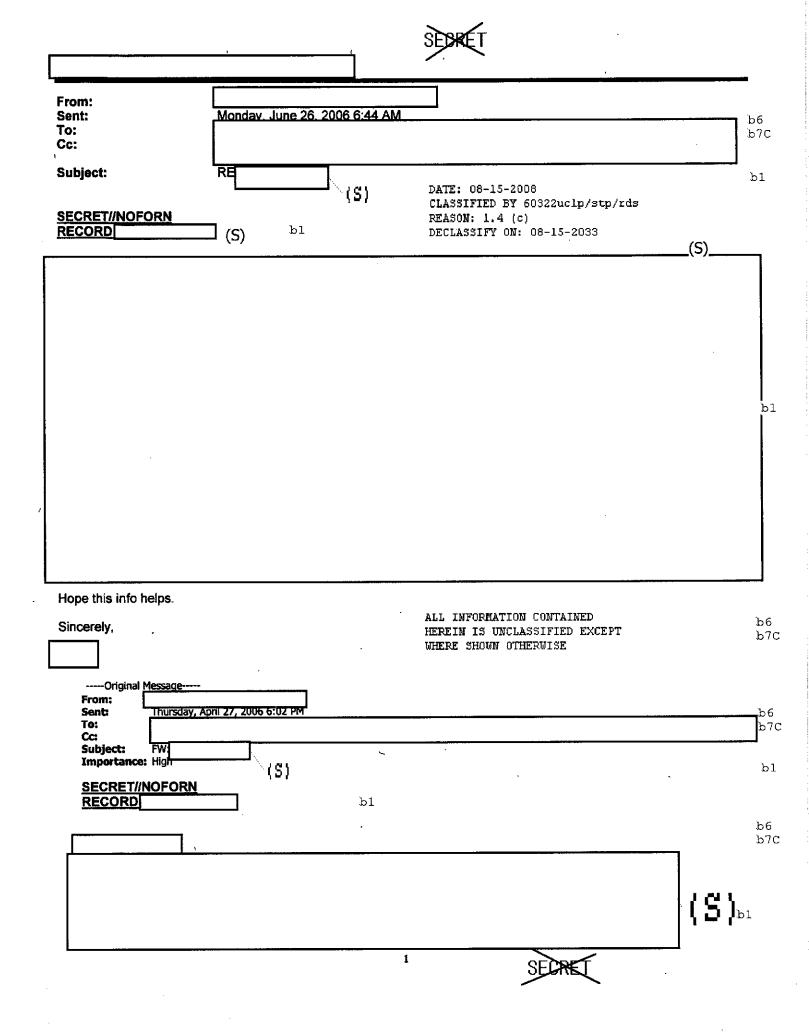




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DATE: 08-15-2008

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rom: ent: o: ubject:	Tuesday, June 19, 2007 5:29 RE: Reminder	DATE: 08-15-2008 CLASSIFIED BY 60322uc REASON: 1.4 (c) DECLASSIFY ON: 08-15-	
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From:

Thursday, June 14, 2007 3:23 PM

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Sent: To: Subject:

Seattle Case Summary

DATE: 09-22-2008

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REASON: 1.4 (c)

DECLASSIFY ON: 09-22-2033

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Per your request, the following is a synopsis of the Seattle Division's investigation:

On 06/06/2007, the Seattle Division was contacted by the Lacey Police Department (LPD), Lacey, WA, regarding numerous bomb threats and DDOS attacks received at the Timberline School District, Lacey, WA. The threats began on 05/30/2007 and persisted through 06/04/2007. The threats necessitated the daily evacuation of Timberline High School. The LPD and the Washington State Patrol (WSP) performed school evacuations and bomb sweeps with negative results. Parents and school district employees informed local television stations and newspapers, which aired the story on June 6, 2007. As a result, the LPD requested investigative assistance from the Northwest Cyber Crime Task Force (NCCTF) headed by the Seattle \ Division. In turn, the Seattle Field Office requested assistance from the CEAU with geophysically locating the UNSUB.

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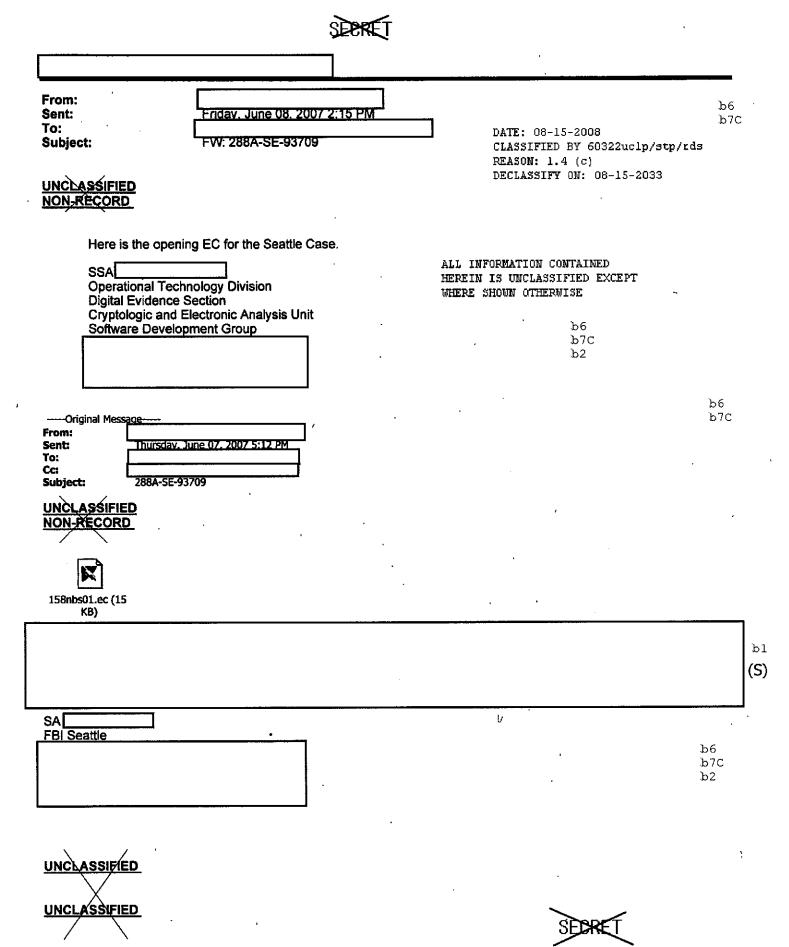
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information obtained from Comcast confirmed the suspicions of Law Enforcement and led to the issuing of a search warrant and arrest warrant. 15 year old male student from Timberline High School was taken into custody without incident at his home at approximately 2 A.M. this date. The minor confessed to issuing the bomb threats. Bomb threats dated this date were found on the minor's computer. The minor's computer equipment was seized and the arrest was made without incident. Following an interview with the minor, the LPD was able to clear another threat case, as the minor confessed to issuing telephone death threats to teachers and others, including his parents, earlier this year.

SSA Operational Technology Division Digital Evidence Section Cryptologic and Electronic Analysis Unit <u>Software Development Group</u>

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From: Sent: To: Cc: Subject: UNCLAS NON-REC Thos. G Section Operation	Message MOTTA, THO Friday, June FW: UR5214 SIFIED CORD regory Mot Chief, Digional Techn	OMAS GREGORY (OTD) (FBI) 08, 2007 9:17 AM /SE/THREAT INVESTIGATION	n (DES)	REIN IS UNCLASSIFIED EXCEPT ERE SHOWN OTHERWISE	

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-----Original Message Ъб From: b7C Sent: MOTTA, THOMAS GREGORY (OTD) (FBI) To: Subject: UNCLASSIFIED Being forwarded for your information is Urgent Report 5214 from FBI-Seattle regarding email bomb threats. b6 SSA b7C Watch Supervisor - SIOC b2 **b**6 -----Original Message b7C From: Sent: Thursday, June 07, 2007 11:46 PM FBI_URGENT REPORTS To: SE Ali Supervisors Cc: UNSUB TIMBERLINE HIGH SCHOOL - VICTIM, COMPUTER INTRUSION - THREAT; 288A-SE-93709 Subject: NON-RECORD Please see the attached Urgent Report. If you have any questions, please feel free to contact me. b6 b7C << File: 158brf02.ec >> b6 b7C A/ASAC Seattle Division SSA - Squad 5 Gang/Criminal Enterprise Program; Organized Crime Program; Violent Crimes Program: b2

UNCLASSIFIED

UNCLASSIFIED

SECRET



From:

Sent: To:

Subject:

Friday, June 08, 2007 10:53 AM

DATE: 08-18-2008

b6 b7С

ro: Cc:

CIPAV and Local Info

CLASSIFIED BY 60322uclp/stp/rds REASON: 1.4 (c)

DECLASSIFY ON: 08-18-2033

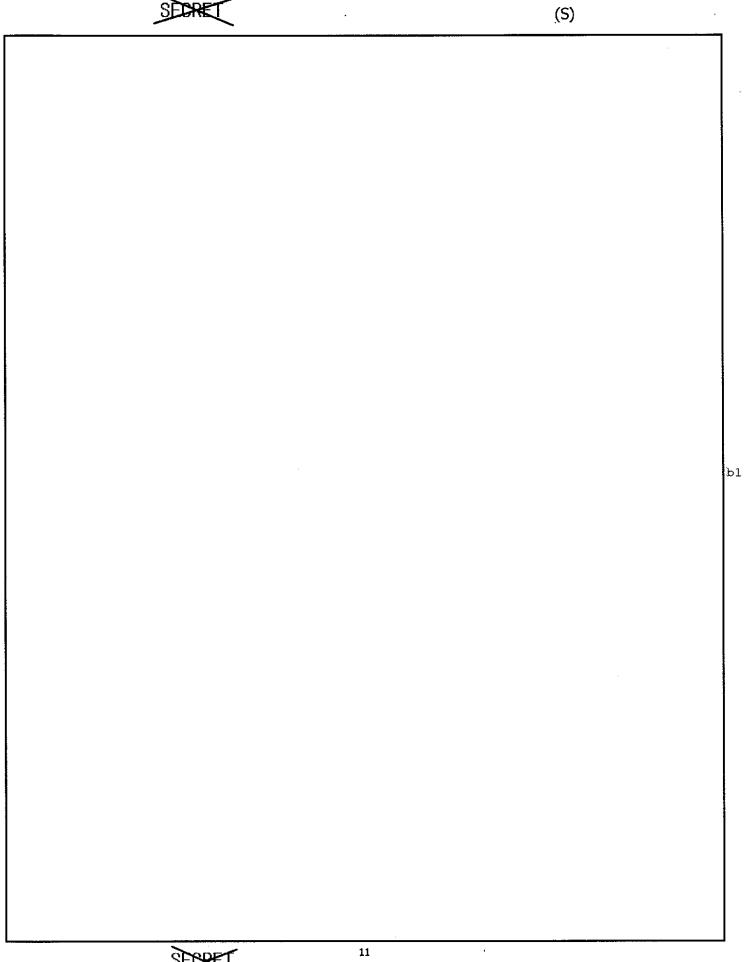
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SENSITIVE BUT UNCLASSIFIED NON-RECORD



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SESSECT

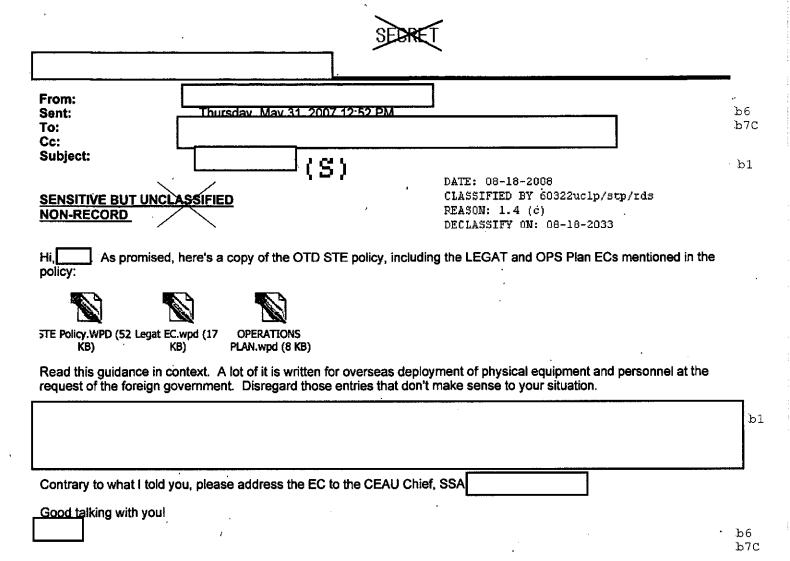
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SENSITIVE BUT UNCLASSIFIED

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE



CEAU Assistance to Seattle Case: •

UNSUB(s); TIMBERLINE SCHOOL DISTRICT (VICTIM); COMPUTER INTRUSION – INTERNET EXTORTION

Background

On June 6, 2007, the Seattle Division was contacted by the Lacey Police Department (LPD), Lacey, WA, regarding numerous bomb threats and Distributed Denial of Service (DDOS) attacks received at the Timberline School District, Lacey, WA. The threats began on May 30, 2007 and persisted through June 4, 2007. The threats necessitated the daily evacuation of Timberline High School. The LPD and the Washington State Patrol (WSP) performed school evacuations and bomb sweeps with negative results. Parents and school district employees informed local television stations and newspapers, which aired the story on June 6, 2007. As a result, the LPD requested investigative assistance from the Northwest Cyber Crime Task Force (NCCTF), headed by the FBI Seattle Division. In turn, the Seattle Field Office requested assistance from the OTD/CEAU to attempt to geo-physically locate the UNSUB(s).

Assistance Provided

CEAU deployed a Computer Internet Protocol Address Verifier (CIPAV) to a MySpace account identified as possibly belonging to the UNSUB. The CIPAV returned several IP addresses, one of which resolved back to Comcast Cable in Seattle, Washington. Subscriber information obtained from Comcast led to the issuing of a search and arrest warrant. A 15 year old male student from Timberline High School was taken into custody without incident at his home at approximately 2 A.M. June 14, 2007. The minor confessed to issuing the bomb threats. Future bomb threats, dated June 14, 2007, were found on the minor's computer. The minor's computer equipment was seized and the arrest was made without incident. Following an interview with the minor, the LPD was able to solve another threat case, as the minor confessed to issuing telephone death threats to teachers and others, including his parents, earlier in 2007.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 10-02-2009 BY 60322 UCLP/STP

Pittsburgh II Investigation (Different case then original ongoing one)

•	01/04/2007 - SPU referred case to OTD/CEAU		
•	01/31/2007 - ITOS requests OTD/CEAU if remote computer attack can be conducted		
	against target		
•	02/07/2007 - SPU contacted CEAU to offer assistance regarding case. CEAU advised that		
	it may require which falls in SPU's arena. If so, CEAU will coordinate		
	with SPU for the task.		b2
•	Present - Per Case Agent, CEAU advised Pittsburgh that they could assist with		b7E
	SPU has not heard anything from	i	
	OTD regarding this.		
Cinci	nnati Investigation		
	Acting Unit Chief, Special Technologies Operations Unit (STOU) was		b6 b7C
contac	cted on the evening of February 15, 2007 by Special Agent (Squad 13 -		D/Q
	nnati Division) requesting urgent support. SA advised that he was working on a case		
	A-CI-76037-WB) in which he needed immediate assistance from STOU in analyzing data		
	ned from a Computer and Internet Protocol Address Identifier ("CIPAV") inserted in five		
differ			b2
ullici	5111		b7D b7E
	Acording to the Cincinnati's EC, "The CIPAV was previously exposed to hackers from		
Λ1 /2 N	/2007 to 02/09/2007 but no information was gathered because		
01/30	72007 to 02/09/2007 but no information was gamered because	·	
		,	
	"During the period of the current search warrant, the Unsub hacker(s) accessed	1	
	on 02/13/2007 at 12:23:08 Eastern Standard Time	1	
/HT:CA			
	"). The Unsub(s) then proceeded to visit the site 29 more times. In these instances, the		
	V did not deliver its' payload because of system incompatibility. On 02/15/2007 at		
5:29:2	21 EDT, the system was able to deliver a CIPAV and the CIPAV returned data."		
	CALL LOWDING BLANCE BANK OFFICE		
	SA requested STOU immediately begin analyzing all data recovered by the CIPAV		
	ontinue to perform analysis on an ongoing basis until the termination of CIPAV operations	b2	
	/22/2007. SA expressed the valid concern that the Unsub hackers would be	b7E	
"spoo	ked"	b6	
	According to SA the hackers are responsible for	b7C	
	STOU engineers immediately engaged in the case and began providing data back to SA		
	the very next day. STOU continued to provide daily support until the analysis was		
comp			