



U.S. Department of Justice
Drug Enforcement Administration
FOI/Records Management Section
8701 Morrisette Drive
Springfield, Virginia 22152

SEP 01 2011

Case Number: 10-00892-F, Interim Release Six Processing

Subject: ANY PROBLEMS, OBSTACLES OR LIMITATIONS THAT HAMPER THE DEA'S CURRENT ABILITY TO CONDUCT SURVEILLANCE ON COMMUNICATIONS SYSTEMS OR NETWORKS INCLUDING, BUT NOT LIMITED TO, ENCRYPTED SERVICE LIKE BLACKBERRY (RIM), SOCIAL NETWORKING SITES LIKE FACEBOOK, PEER-TO-PEER MESSAGING SERVICES OR VOICE OVER INTERNET PROTOCOL (VOIP) SERVICE LIKE SKYPE, ETC (JANUARY 1, 2006 TO PRESENT) (SIXTH RELEASE).

Jennifer Lynch
Electronic Frontier Foundation
454 Shotwell Street
San Francisco, CA 94110

Dear Ms. Lynch:

This letter responds to your Freedom of Information/Privacy Act (FOI/PA) request dated September 28, 2010, addressed to the Drug Enforcement Administration (DEA), Freedom of Information/Privacy Act Unit (SARF), seeking access to information regarding the above subject. Below is the breakdown of pages processed and referred for release six. This round of processing includes 3 pages which were reprocessed from interim Release Two (pages 4-12, 4-15, and 4-34) to apply Exemption (b)(7)(a) in addition to other exemptions which were applied to withhold the same information. These 3 pages are not included in the Release Six processing numbers below.

Pages reviewed and released in full: 16
Pages reviewed and released in part: 9
Pages withheld in full: 88
Pages reviewed and referred to other agencies/components: 0
Pages reviewed and determined to be non-responsive: 366
Pages reviewed and identified as duplicates: 141

Grand Total pages processed: 620

Portions not released are being withheld pursuant to the Freedom of Information Act, 5 U.S.C. § 552. Information withheld in part is indicated by the FOIA Exemptions recorded on the documents attached herein. Information is withheld in full or in part under the following Exemptions: (b)(1), (b)(3), (b)(5), (b)(6), (b)(7)(a), (b)(7)(c), (b)(7)(e). An additional enclosure with this letter explains these exemptions in more detail.

Refer any questions to Mr. Cartier, counsel for the Department of Justice in this matter.

Sincerely,

A handwritten signature in black ink that reads "Katherine Myrick". The signature is written in a cursive, flowing style.

Katherine L. Myrick, Chief
Freedom of Information/Privacy Act Unit
FOI/Records Management Section

Enclosure

(b)(5),(b)(6),(b)(7)(C),(b)(7)(E)

From: Goggin, Wendy H.

Sent: Friday, August 13, 2010 11:52 AM

To: (b)(6),(b)(7)(C)

Cc:

Subject: Fw: (b)(7)(E)

From: Caproni, Valerie E. <Valerie.Caproni@ic.fbi.gov>

To: Goggin, Wendy H.

Sent: Fri Aug 13 11:40:48 2010

Subject: RE: (b)(7)(E)

(b)(7)(E)

From: Goggin, Wendy H. [mailto:(b)(6),(b)(7)(C)]

Sent: Friday, August 13, 2010 11:35 AM

To: Caproni, Valerie E.

Subject: Re: (b)(7)(E)

(b)(7)(E)

From: Caproni, Valerie E. <Valerie.Caproni@ic.fbi.gov>

To: Goggin, Wendy H.

Sent: Fri Aug 13 08:50:54 2010

Subject: Re: (b)(7)(E)

(b)(7)(E)

(b)(5),(b)(7)(E)

as mentioned in a recent Washington Post

blog:

- 1) Kevin Bankston, senior staff attorney at the Electronic Frontier Foundation, took issue with the move. "This proposal is a drastic **anti-privacy, anti-security, anti-innovation** solution in search of a problem," he said. He noted that in an official 2009 review of **2,400 federal, state and local law enforcement applications for wiretap orders**, "**encryption was encountered during one state wiretap**, but did not prevent officials from obtaining the plain text of the communications."

(b)(5),(b)(6),(b)(7)(C),(b)(7)(E)

Not responsive

19. DEA presentation on Narco-Terrorism – Special Operations Division Technology Issues:
Derick S. Maltz, Special Agent in Charge, Special Operations Division, DEA, and USA Russ
Dedrick (E/TN) gave a security presentation about the links between drug trafficking and terrorist
financing. (b)(7)(E)

(b)(5), (b)(7)(E)

Per DEA,
FBI, OIP

(b)(5)

Per OIP

(b)(5)

(b)(6),(b)(7)(C)

phone

Questions should be directed to USA Russ Dedrick at

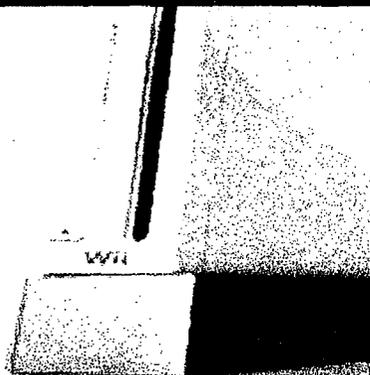
(b)(6),(b)(7)(C)

Not responsive

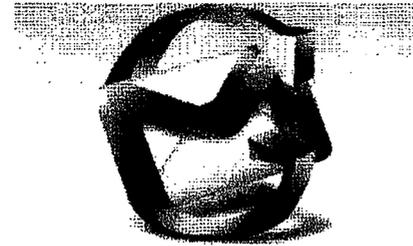
Gaming systems can be used for email communication.

(b)(7)(E)

GAME







Default https access for Gmail

Tuesday, January 12, 2010 9:14 PM

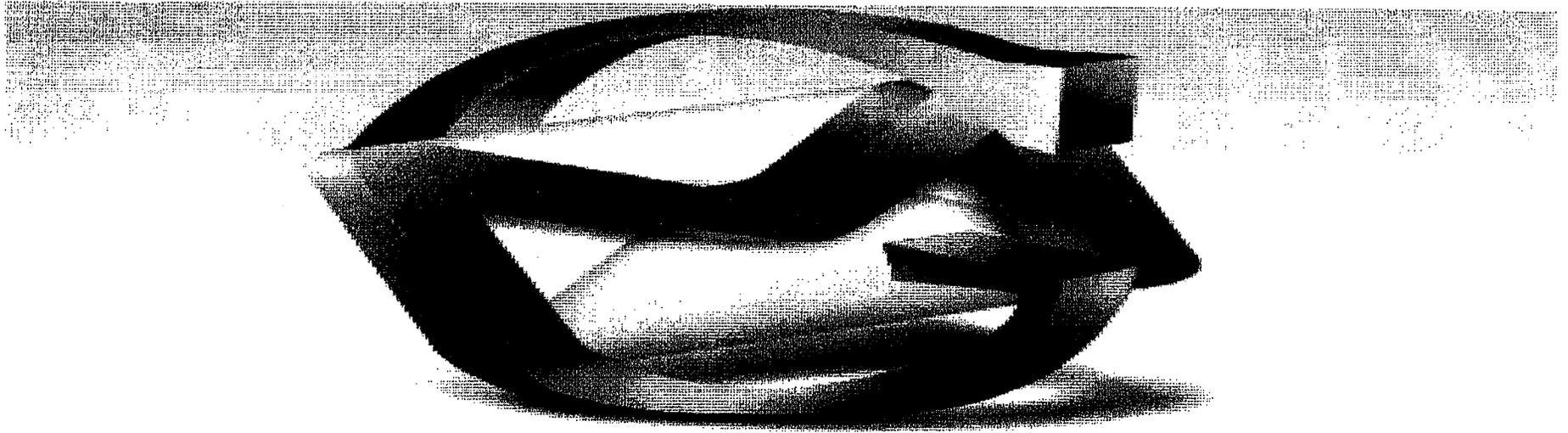
Posted by Sam Schillace, Gmail Engineering Director

In 2008, we rolled out the option to always use https — encrypting your mail as it travels between your web browser and our servers. Using https helps protect data from being snooped by third parties, such as in public wifi hotspots. We initially left the choice of using it up to you because there's a downside: https can make your mail slower since encrypted data doesn't travel across the web as quickly as unencrypted data. Over the last few months, we've been researching the security/latency tradeoff and decided that turning https on for everyone was the right thing to do.

We are currently rolling out default https for everyone. If you've previously set your own https preference from Gmail Settings, nothing will change for your account. If you trust the security of your network and don't want default https turned on for performance reasons, you can turn it off at any time by choosing "Don't always use https" from the Settings menu. Gmail will still always encrypt the login page to protect your password. Google Apps users whose admins have not already defaulted their entire domains to https will have the same option.

To read about other steps you can take to protect your accounts and your computers, visit google.com/help/security.

Note: If you use offline Gmail over http currently, the switch to https is likely to cause some problems. Learn more about this known issue and how to work around it.



- **THE DEFAULT URL FOR GMAIL WILL INCLUDE HTTP SECURE. GOOGLE STARTED OFFERING THE OPTION TO ENABLE THIS METHOD OF ACCESS FOR GMAIL ALL THE TIME IN 2008, BUT IT WAS PREVIOUSLY OPT-IN. NOW IT WILL BE OPT-OUT.**

• (b)(7)(E)

Challenges Presented by New Technology

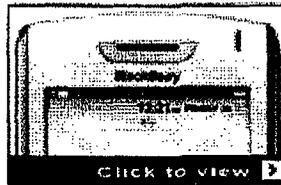
BlackBerry goes international

By Dawn Kawamoto
Staff Writer, CNET News.com
Published: April 25, 2007, 8:04 AM PDT

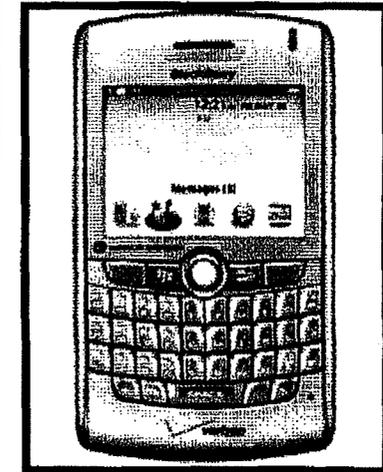
Research in Motion and Verizon Wireless unveiled on Wednesday a BlackBerry 'World Edition' smart phone and service designed to work in more than 60 countries.

Verizon's Global BlackBerry service will feature a local number for domestic and international use in Australia and Europe, and in portions of Africa, Asia, Latin America, the Middle East and North America. The service provides constant connectivity for the device's wireless e-mail, contacts, calendar, organizer and Internet access.

The BlackBerry 8830 ties to an EV-DO/GPRS network for high-speed data transfers. GSM/GPRS service provides constant voice and e-mail while traveling in foreign countries. Other features include a media player, Bluetooth connectivity and a new trackball navigation system.



The smart phone will be priced at \$399, according to the companies. But people who sign up for a two-year customer contract from Verizon will get a \$100 rebate. An additional \$100 credit may be applied toward the purchase when concurrently signing up for specific voice and data plans.



BlackBerry

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Challenge:



Skype could force end to wiretapping calls

Fast-growing Internet phone service uses encryption that blocks snooping

The Associated Press

Updated: 6:42 p.m. ET Feb. 16, 2006

NEW YORK - Even as the U.S. government is embroiled in a debate over the legality of wiretapping, the fastest-growing technology for Internet calls appears to have the potential to make eavesdropping a thing of the past.

Skype, the Internet calling service recently acquired by eBay Inc., provides free voice calls and instant messaging between users. Unlike other Internet voice services, Skype calls are encrypted — encoded using complex mathematical operations. That apparently makes them impossible to snoop on, though the company leaves the issue somewhat open to question.



court actions by the music industry.

Skype's software for personal computers is distributed for free. Members pay nothing to talk to each other over PCs but pay fees to connect to people who are using telephones. Skype software is also being built into cell-phone-like portable devices that will work within range of wireless Internet "hot spots."

While still somewhat marginal in the United States, Skype had 75 million registered users worldwide at the end of 2005. Typically, 3 million to 4 million users are online at the same time.

Skype calls whip around the Internet encrypted with "keys," which essentially are very long numbers. Skype keys are 256 bits long — twice as long as the 128-bit keys used to send credit card numbers over the Internet. The security is much more than doubled — in theory, Skype's 256-bit keys would take trillions of times longer to crack than 128-bit keys, which are themselves regarded as practically impossible to break by current means.

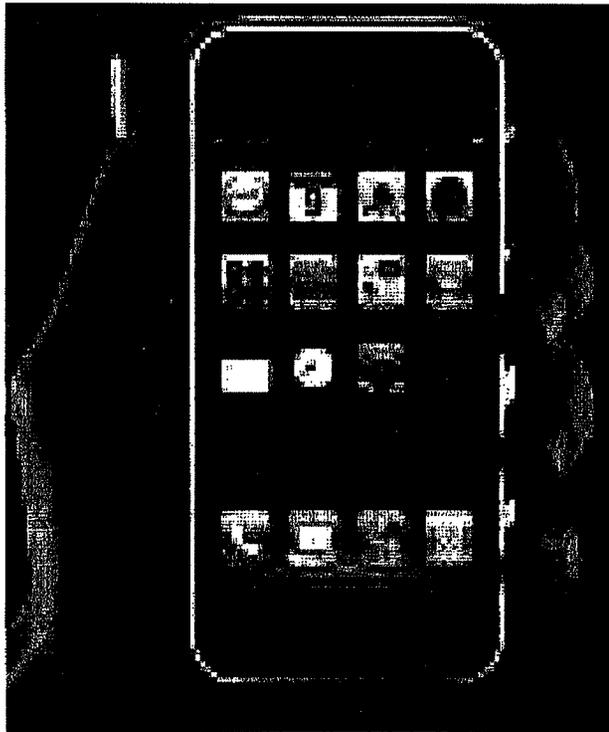
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Not a Redaction. Magnified version of the sentence that is boxed-in above. Background is very dark and when scanned appears blacked-out.

SKYPE

- Software program that connects to Wi-Fi and encrypts PC to PC Chat, Voice, Video and File Transfers
- Company based in Luxembourg, Germany
- Voice
 - Select any area code you want
 - Multiple numbers tied to a single phone

Smart Phones and SKYPE Converge



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60 billion e-mails a day, much of it spam

Tech officials discuss countermeasures at Internet security conference

Reuters
Updated: 1:28 p.m. ET April 25, 2006

Not a Redaction below. Magnified version of the sentence that is boxed-in. Background is very dark and when scanned appears blacked-out.

BERLIN - Internet users around the world send an estimated 60 billion e-mails every day and many of these are spam or scam attempts, business leaders said on Tuesday.

Deutsche Telekom Chief Executive Kai-Uwe Ricke said cyber criminals were growing more active and sophisticated, and the vast e-mail traffic meant industry, government and Internet users had to be vigilant and work together.

especially target online banking.

"In 2005, the attempts at phishing (globally) dramatically increased, by 300 percent compared with the previous year," he said. "According to international estimates, phishing is successful with up to 5 percent of all Internet users."

He said this success rate caused inestimable economic damage worldwide. Internet security firm Symantec Corp registered some 8 million phishing attempts last year.

Germany's BKA federal crime office said this month it had shut a "phishing" ring of Germans and Lithuanians, sparing online banking customers millions of euros of potential losses.

The BKA said the phishing ring obtained online banking customers' user names and passwords and other sensitive data from their victims' computers by means of a "Trojan horse", a self-circulating, virus-like program that spreads by e-mail and sends data from the infiltrated computer back to the "phisher".

Schaeuble said many Germans used no form of Internet protection, exposing themselves needlessly to phishing and other criminal attempts to infiltrate their computers.



DRUGSTORY.ORG

Hard Facts. Real Stories. Informed Experts.

FEATURE:

Trafficking on the Internet Growing Trafficking via Internet a Growing Threat, Global Narcotics Control Agency Says

By WILLIAM J. KOLE, Associated Press Writer

Because Internet use doubles every six months and 700 million people were online at the end of last year, greater vigilance and international cooperation are needed "to prevent the Internet from turning into a worldwide web of drug trafficking," said Hamid Ghodse, the INCB's president.

Not a Redaction above. Very Dark background that appears black-out when scanned. Information contained in the darked box reads "Internet use doubles every six months and 700 million people were online at the end of last year."

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Challenge: Wi Fi



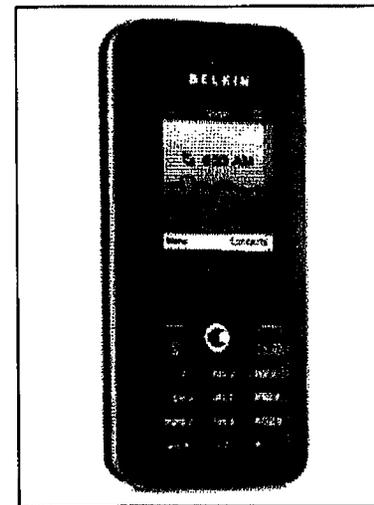
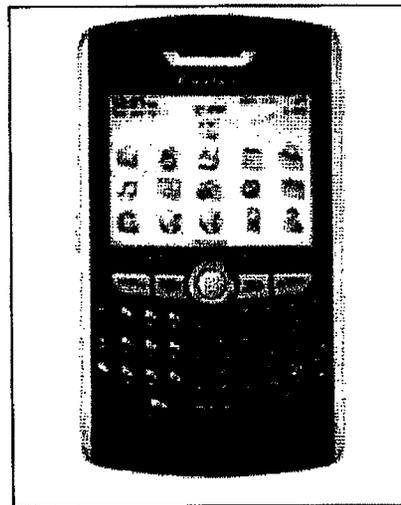
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WiFi HOTSPOTS

<i>Worldwide</i>	39,000
<i>United States</i>	21,525 (1769 FREE)
<i>U.S. Cafés</i>	8,535
<i>U.S. Hotels</i>	5,419

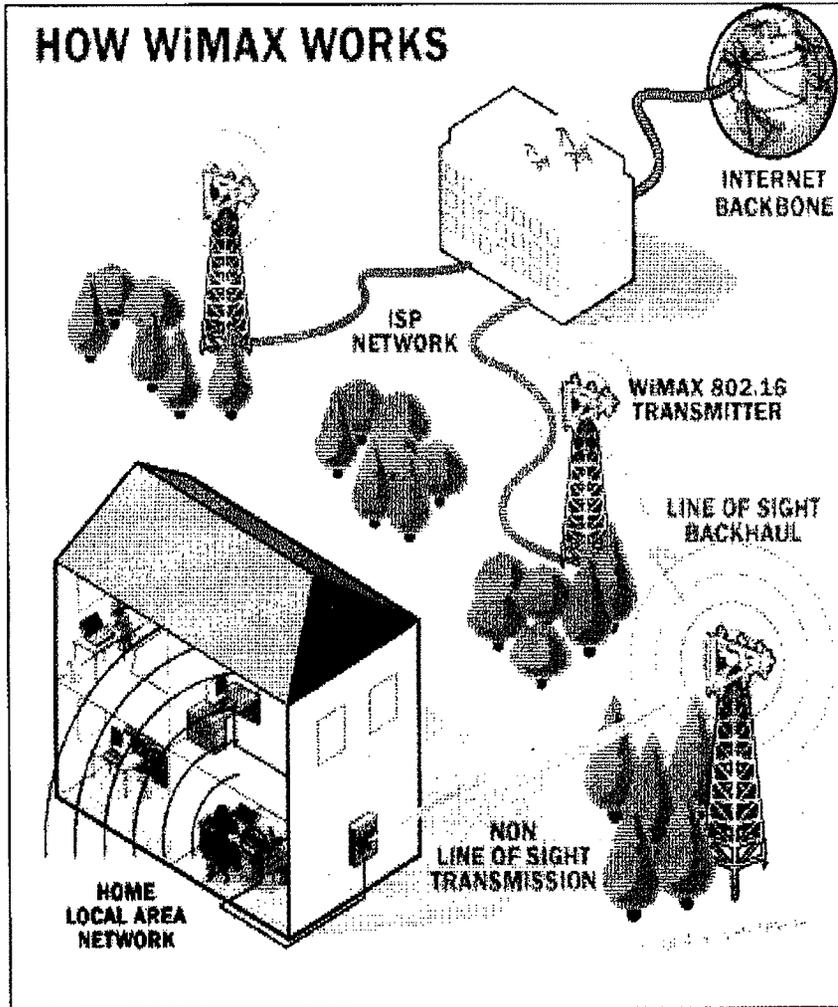
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Wi-Fi Devices



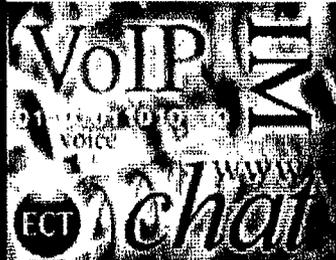
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Wi-Fi vs. Wi-Max



- Wi-Fi has a range of 100 yards. It can provide a wireless Internet connection within a coffee shop, a house or on one floor of an office building.
- Wi-Max has a range of up to 20 to 30 miles. It can provide a wireless Internet connection for a small city.

VoIP and the New Telecommunications Industry



By Jack M. Germain
TechNewsWorld
02/20/04 5:30 AM PT

Print Version
E-Mail Article
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Reprints

Today's VoIP is becoming increasingly successful because the technology has dramatically improved over earlier generations. With the prevalence of broadband connections, the VoIP model has become very cost effective.

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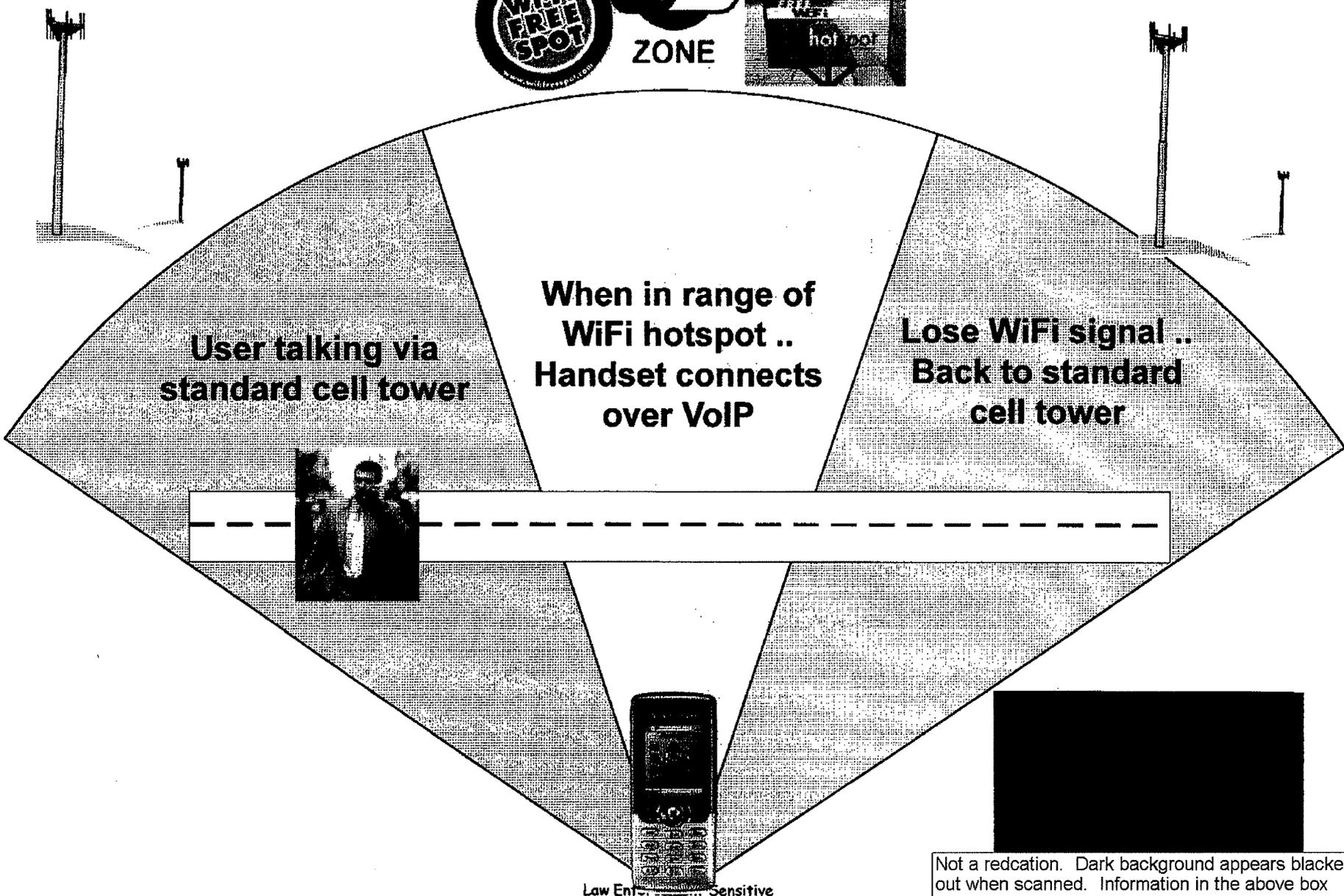
Voice over Internet Protocol pioneers Skype, Vonage and other voice-communications purveyors have been quietly generating huge user bases online. Market analysts are reporting that VoIP services stand poised to displace conventional telecommunications pricing models. Given the success of improved VoIP technology, industry pundits wonder whether traditional telecommunications technology will adapt or be pushed aside.

But trend watchers told TechNewsWorld that traditional voice traffic is already being sent using VoIP technologies by the large telephone companies. In this sense, then, a major sea change has already begun, with some VoIP callers not even knowing they are using the technology because of its transparency.

"Skype, Vonage, 8x8, Net2phone and others will continue to make inroads on the consumer side," Scott Testa, vice president of marketing at Mindbridge Software, told TechNewsWorld. "You are also seeing companies like Verizon introduce unlimited calling for a fixed price, which is directed at the VoIP model."

The trend clearly is taking shape, analysts say. As a result, the telecommunications industry is preparing for a new round of competition involving cable companies, AT&T (NYSE: T) and the Baby Bells. All will be offering VoIP-based services.

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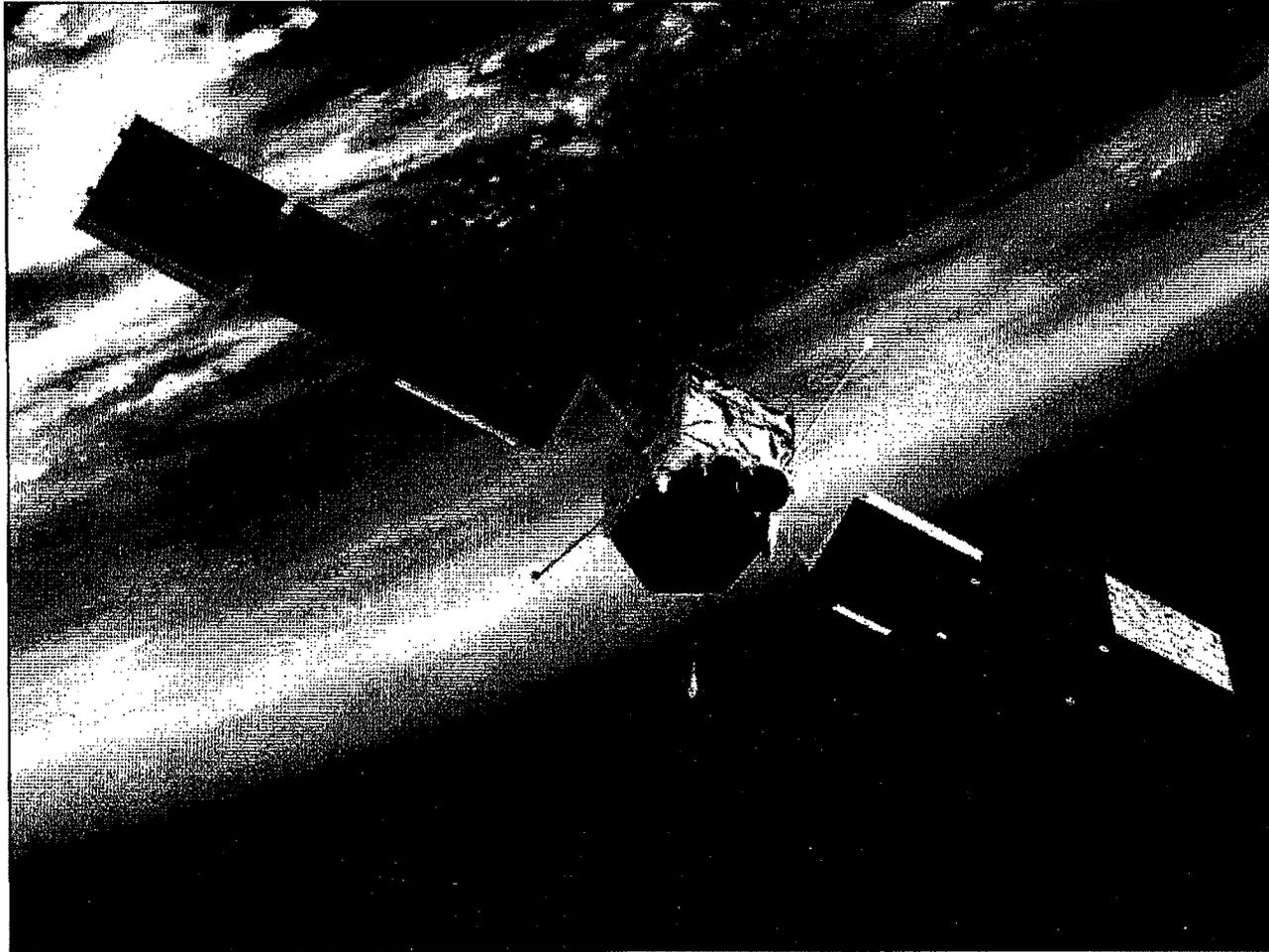


Law Enforcement Sensitive



Not a redaction. Dark background appears blacked-out when scanned. Information in the above box reads: "What does this mean for Title III and call detail records?"

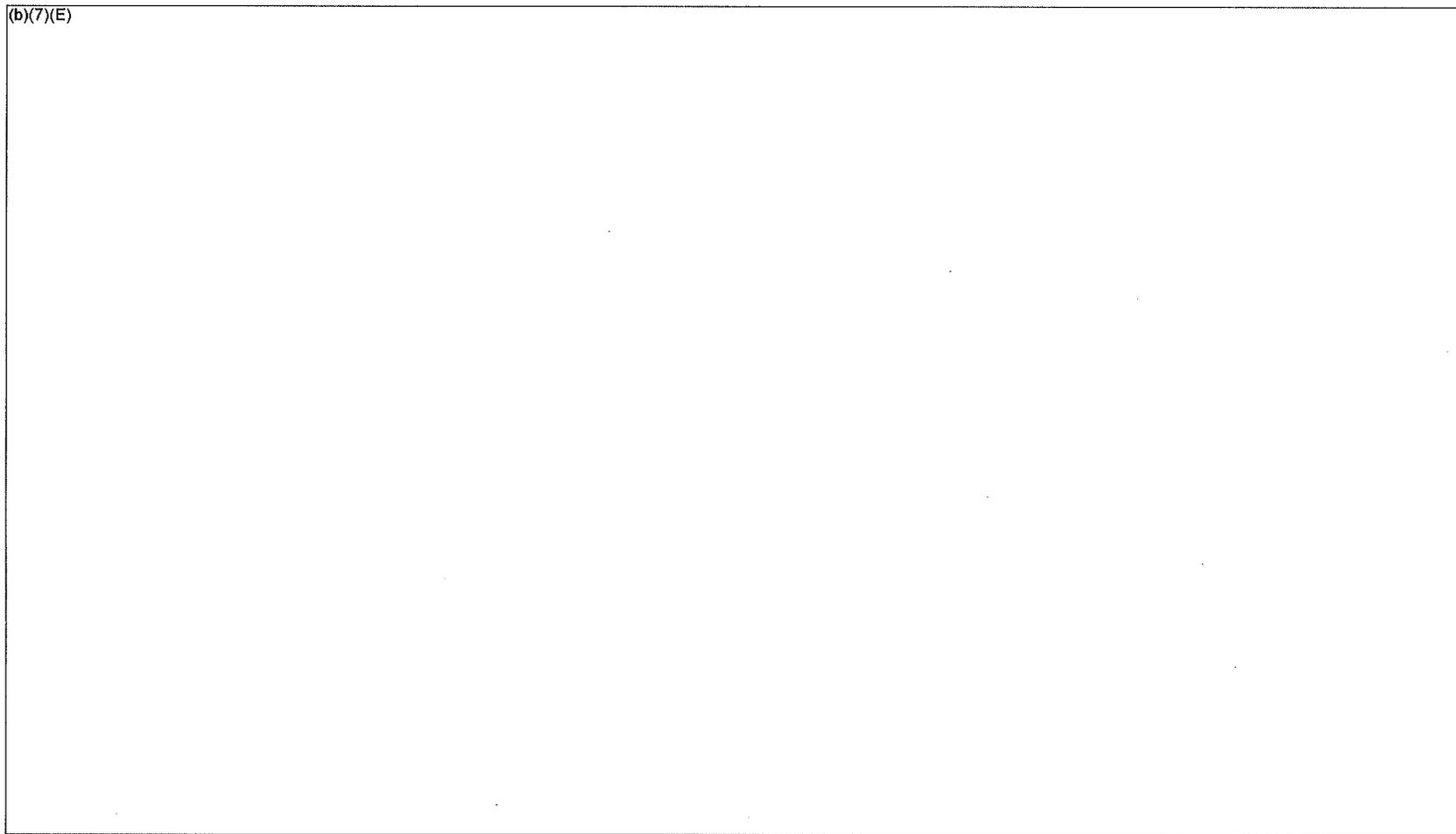
Challenge: Sattelite Communications



Law Enforcement Sensitive

Challenge: ID Spoofing

(b)(7)(E)



Law Enforcement Sensitive

(b)(6),(b)(7)(C)

From: Maltz, Derek S.
Sent: Monday, October 04, 2010 1:44 PM
To: (b)(6),(b)(7)(C)
Subject: Fw: Going Dark Question
Attachments: DEA Case Examples.doc

----- Original Message -----

From: (b)(6),(b)(7)(C)
To: George Fruchterman, (b)(6),(b)(7)(C), (b)(6),(b)(7)(C)
Cc: (b)(6),(b)(7)(C); Maltz, Derek S.
Sent: Mon Oct 04 13:28:18 2010
Subject: RE: Going Dark Question

George,

Attached is a write-up pertaining to going dark case examples that was prepared by (b)(6),(b)(7)(C)

(b)(6),(b)(7)(C)

Hope this is helpful. Please advise if you need additional information.

(b)(6),(b)(7)(C)

Acting Unit Chief
Operations Support Unit
DEA Office of Investigative Technology

(b)(6),(b)(7)(C)

-----Original Message-----

From: (b)(6),(b)(7)(C)
Sent: Friday, October 01, 2010 7:35 AM
Cc: (b)(6),(b)(7)(C)
Subject: Fw: Going Dark Question

----- Original Message -----

From: Maltz, Derek S.
To: (b)(6),(b)(7)(C)
Cc: (b)(6),(b)(7)(C)
Sent: Fri Oct 01 07:27:37 2010
Subject: Fw: Going Dark Question

Do you guys have examples? I know there are several I remember off the top of my head, but please advise so I can get back to DOJ.

Thanks

Duplicate of Material processed by DOJ-Crim.

CRIM 18-211