

Dan Powers  
Jeff Rich

**THE CORRELATION  
BETWEEN CHILD  
PORNOGRAPHY AND CHILD  
ABUSE**

---

---

---

---

---

---

---

---

**Overview**

- What is the Internet?
- What is networking?
- How does the Internet work?
- Basic Internet Investigation Tools

---

---

---

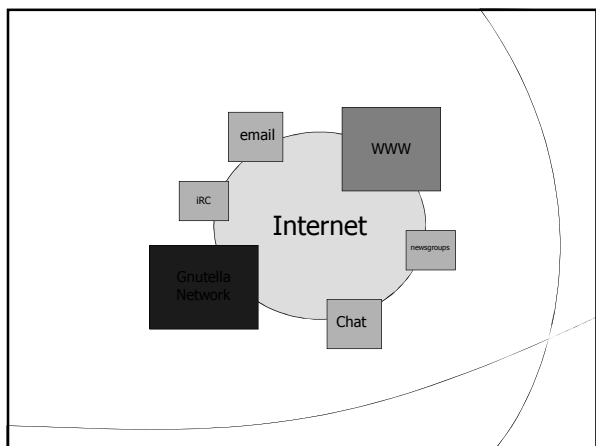
---

---

---

---

---



---

---

---

---

---

---

---

---

### Old Storage Device



---

---

---

---

---

---

---

---

### Computer Storage



---

---

---

---

---

---

---

---

### Computer Storage



---

---

---

---

---

---

---

---

### Computer Storage



---

---

---

---

---

---

---

---

### Computer Storage



---

---

---

---

---

---

---

---

### Computer Storage



---

---

---

---

---

---

---

---

### What is a Network?

- Two or more computers connected together to share common resources
- Local Area Network (LAN)
  - Confined to a building or organization
  - Can be two computers sharing one Internet connection
  - Can be 100,000 computers in an agency or business

---

---

---

---

---

---

---

---

### What is a Network?

- Wide Area Network (WAN)
  - Any network who's communications links across metropolitan, regional or national boundaries.
  - Connects LANs together
  - Can be 100,000 computers in an agency or business

---

---

---

---

---

---

---

---

### Brief History of the Internet

- BBS – Bulletin Board Systems form Universities
- Dial Up Internet such as AOL
  - Pay by the Minute, then Hour, then Unlimited
- IRC – Internet Relay Chat
- AOL Instant Messenger
- Yahoo Chat

---

---

---

---

---

---

---

---

### So... How do I get on

- ◎ Everyone needs an ISP
- ◎ ISP's are gatekeepers for access to the Internet
  - Actually the key to getting on the internet is an IP address...

---

---

---

---

---

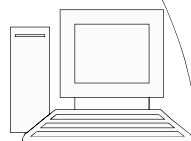
---

---

---



4521 Denver Drive  
Plano, Texas



IP Address  
92.134.232.11

---

---

---

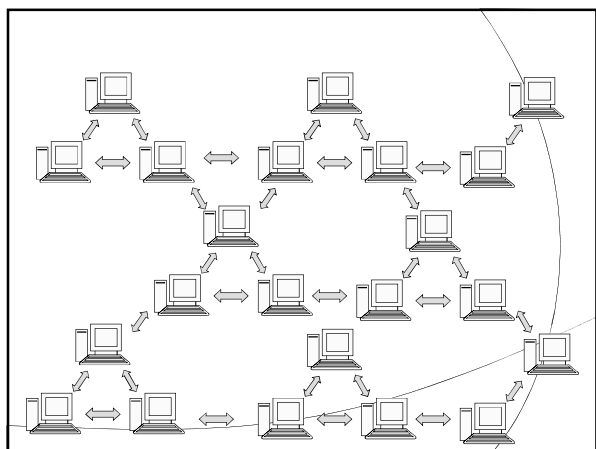
---

---

---

---

---



---

---

---

---

---

---

---

---

### How Do You Get Information?

The diagram illustrates the process of receiving information from the internet. At the top, a globe is shown with a computer monitor icon positioned below it. A double-headed arrow points from the globe to a row of five computer icons at the bottom. The IP address 173.74.66.21 is written next to the arrow.

---

---

---

---

---

---

---

---

### How Does Data Move

- A chunk of information is broken into pieces
- Pieces numbered
- Pieces are thrown to the wind
- Pieces are reassembled on the other side
  - If one does not make, it a resend request is made

---

---

---

---

---

---

---

---

### How files move across the net

The diagram shows a movie poster for 'Pervert' on the left. To its right is a 5x3 grid of boxes, each labeled 'Packet', representing data packets being sent across the network.

---

---

---

---

---

---

---

---




---

---

---

---

---

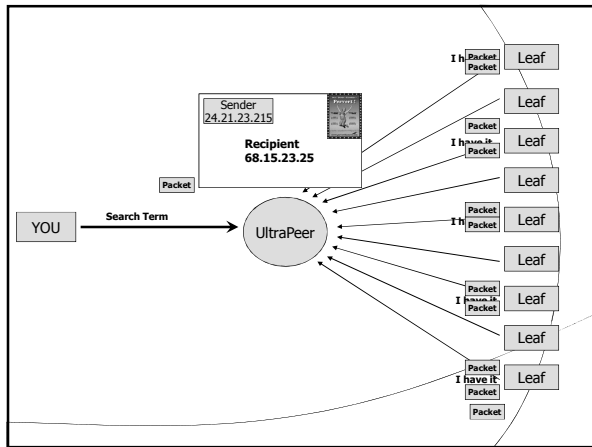
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

## Internet Addressing

- The Internet Protocol Address
  - Like the phone number your carrier gives you
  - CAN change easily
- The Physical Address, MAC, Hardware address
  - Like the permanent serial number embedded in your cell phone
  - Does NOT change

---

---

---

---

---

---

---

---

---

---

## Internet Addressing

- ◎ Dynamic (or changing) IP addresses
  - More devices need an IP address than there are actual IP addresses
  - ISP's recover and reuse IP addresses if you are not using it
  - Dynamic Host Configuration Protocol
  
- ◎ Question – If you subpoena an ISP for subscriber information, you will need the IP address that you are interested in, and WHAT ELSE?

---

---

---

---

---

---

---

---

## Server Logs

- ◎ Everything you do on the Internet is logged somewhere!!
- ◎ Webserver logs can be subpoenaed
  - Shows
    - IP address of visitors
    - When
    - What they were looking at
    - Referring page
    - What type browser they are using
  - Logs are Volatile / Preservation Letters

---

---

---

---

---

---

---

---

## Who Owns the Domain

- ◎ Go to [www.netsol.com](http://www.netsol.com) and click the whois link at the top – pretty good overall database
  - Whois data can be fake
    - Subpoena the registrar for billing information – this must be correct remember!

The screenshot shows a WHOIS search interface with a search box and a 'Search' button. To the right, contact information is listed:

**Administrative Contact:**  
 Collin County Children's Advocacy Center  
 cca@ccca.org  
 2205 Los Rios Blvd  
 Plano, TX 75074  
 US  
 Phone: 972.639.6900  
 Fax: 972.636.9759

**Technical Contact:**  
 Go2Net, Inc.  
 016-3000HYPERMART.NET  
 999 Third Ave, Ste 4700  
 Seattle, WA 98104  
 US  
 Phone: 206.447.1895  
 Fax: 206.447.1625

---

---

---

---

---

---

---

---



Texas Penal Code: Computer Crimes

Sec. 33.021- Online Solicitation of a Minor

⦿ b) A person who is 17 years of age or older commits an offense if, with the intent to arouse or gratify the sexual desire of any person, the person, over the Internet, [or] by electronic mail or text message or other electronic message service or system, or through a commercial online service, intentionally:

- communicates in a sexually explicit manner with a minor; or
• distributes sexually explicit material to a minor.

25

Horizontal lines for notes

Texas Penal Code: Computer Crimes

Sec. 33.021 (continued):

⦿ c) A person commits an offense if the person, over the Internet, [or] by electronic mail or text message or other electronic message service or system, or through a commercial online service, knowingly solicits a minor to meet another person, including the actor, with the intent that the minor will engage in sexual contact, sexual intercourse, or deviate sexual intercourse with the actor or another person.

26

Horizontal lines for notes

Texas Penal Code: Computer Crimes

Sec. 33.021- continued:

(f) An offense under Subsection (b) is a [state jail] felony of the third degree, except that the offense is a felony of the second degree if the minor is younger than 14 years of age or is an individual whom the actor believes to be younger than 14 years of age at the time of the commission of the offense. An[, and an] offense under Subsection (c) is a felony of the second [third] degree. Removed: [except that an offense under Subsection (b) or (c) is a felony of the second degree if the minor is younger than 14 years of age or is an individual whom the actor believes to be younger than 14 years of age].

27

Horizontal lines for notes

### Texas Penal Code: Computer Crimes

#### Sec. 33.07. Online Harassment

- (a) A person commits an offense if the person uses the name or persona of another person to create a web page on or to post one or more messages on a commercial social networking site:
  - (1) without obtaining the other person's consent; and
  - (2) with the intent to harm, defraud, intimidate, or threaten any person.
- (b) A person commits an offense if the person sends an electronic mail, instant message, text message, or similar communication that references a name, domain address, phone number, or other item of identifying information belonging to any person:
  - (1) without obtaining the other person's consent;
  - (2) with the intent to cause a recipient of the communication to reasonably believe that the other person authorized or transmitted the communication; and
  - (3) with the intent to harm or defraud any person.

28

---

---

---

---

---

---

---

---

### Texas Penal Code: Computer Crimes

#### Sec. 33.07 – (continued):

- (c) An offense under Subsection (a) is a felony of the third degree. An offense under Subsection (b) is a Class A misdemeanor, except that the offense is a felony of the third degree if the actor commits the offense with the intent to solicit a response by emergency personnel.
- (d) If conduct that constitutes an offense under this section also constitutes an offense under any other law, the actor may be prosecuted under this section, the other law, or both.

29

---

---

---

---

---

---

---

---

### Texas Penal Code: Computer Crimes

#### Sec. 33.07 – (continued):

- (e) It is a defense to prosecution under this section that the actor is any of the following entities or that the actor's conduct consisted solely of action taken as an employee of any of the following entities:
  - (1) a commercial social networking site;
  - (2) an Internet service provider;
  - (3) an interactive computer service, as defined by U.S.C. Section 230;
  - (4) a telecommunications provider, as defined by Section 51.002, Utilities Code; or
  - (5) a video service provider or cable service provider, as defined by Section 66.002, Utilities Code.

30

---

---

---

---

---

---

---

---

### Texas Penal Code: Computer Crimes

**Sec. 33.07 – continued:**

- ⦿ (f) In this section:
  - (1) "Commercial social networking site" means any business, organization, or other similar entity operating a website that permits persons to become registered users for the purpose of establishing personal relationships with other users through direct or real-time communication with other users or the creation of web pages or profiles available to the public or to other users. The term does not include an electronic mail program or a message board program.
  - (2) "Identifying information" has the meaning assigned by Section 32.51.

31

---

---

---

---

---

---

---

---

---

---

### Texas Penal Code: Computer Crimes

**Sec. 32.51. FRAUDULENT USE OR POSSESSION OF IDENTIFYING INFORMATION.**

- ⦿ (a) In this section:
  - (1) "Identifying information" means information that alone or in conjunction with other information identifies a person, including a person's:
    - (A) name and social security number, date of birth, or government-issued identification number;
    - (B) unique biometric data, including the person's fingerprint, voice print, or retina or iris image;
    - (C) unique electronic identification number, address, routing code, or financial institution account number; and
    - (D) telecommunication identifying information or access device.

32

---

---

---

---

---

---

---

---

---

---

### Texas Penal Code: Disorderly Conduct...

**Sec. 42.062- Interference with Emergency Telephone call**

- ⦿ An individual commits an offense if the individual:
  - knowingly prevents or interferes with another individual's ability to place an emergency telephone call or to request assistance in an emergency
  - recklessly renders unusable a telephone that would otherwise be used by another individual to place an emergency telephone call or to request assistance in an emergency
  - An offense under this section is a Class A misdemeanor

33

---

---

---

---

---

---

---

---

---

---

Texas Penal Code: Disorderly Conduct...

**Sec. 42.07 Harassment:**

- ⦿ A person commits an offense if, with intent to harass, annoy, alarm, abuse, torment, or embarrass another, he:
  - initiates communication (by telephone, writing, or electronic communication) and makes a comment, request, suggestion, or proposal that is obscene;
  - threatens, (by telephone, writing, or electronic communication) to inflict bodily injury on the person or to commit a felony against the person, a member of his family or household, or his property;
  - Conveys a false report, which is known by the conveyor to be false, that another person has suffered death or serious bodily injury;

34

---

---

---

---

---

---

---

---

Texas Penal Code: Disorderly Conduct...

**Sec. 42.07 (continued):**

- causes the telephone of another to ring repeatedly or makes repeated telephone communications anonymously or in a manner reasonably likely to harass, annoy, alarm, abuse, torment, embarrass, or offend another;
- makes a telephone call and intentionally fails to hang up or disengage the connection;
- knowingly permits a telephone under the person's control to be used by another to commit an offense under this section; or
- sends repeated electronic communications in a manner reasonably likely to harass, annoy, alarm, abuse, torment, embarrass, or offend another.

35

---

---

---

---

---

---

---

---

Texas Penal Code: Disorderly Conduct...

**Sec. 42.072- Stalking:**

- ⦿ A person commits an offense if the person, on more than one occasion and pursuant to the same scheme or course of conduct that is directed specifically at another person, knowingly engages in conduct, including following the other person, that:
  - the actor knows or reasonably believes the other person will regard as threatening:
    - bodily injury or death for the other person;
    - bodily injury or death for a member of the other person's family or household; or
    - that an offense will be committed against the other person's property;

36

---

---

---

---

---

---

---

---

Texas Penal Code: Disorderly Conduct...

**Sec. 42.072 (continued):**

- causes the other person or a member of the other person's family or household to be placed in fear of bodily injury or death or fear that an offense will be committed against the other person's property; and
  - would cause a reasonable person to fear:
    - bodily injury or death for himself or herself;
    - bodily injury or death for a member of the person's family or household; or
    - that an offense will be committed against the person's property.
- ☉ An offense under this section is a felony of the third degree

37

---

---

---

---

---

---

---

---

Texas Penal Code: Public Indecency

**Sec. 43.26 Possession or Promotion of Child Pornography**

- ☉ A person commits an offense if:
- the person knowingly or intentionally **possesses** visual material that visually depicts a child younger than 18 years of age at the time the image of the child was made who is engaging in sexual conduct; and
  - the person knows that the material depicts the child as described above.
- An offense under above Subsection is a felony of the third degree.

38

---

---

---

---

---

---

---

---

Texas Penal Code: Public Indecency

**Sec. 43.26 (continued):**

- ☉ A person commits an offense if:
- the person knowingly or intentionally promotes or possesses **with intent to promote** and
  - the person knows that the material depicts the child as
- ☉ A person who possesses visual material that contains six or more identical visual depictions of a child is presumed to possess the material with the intent to promote the material.
- ☉ An offense under above Subsection is a felony of the second degree.

39

---

---

---

---

---

---

---

---

**Flower Mound doctor arrested on child porn charge**

*F.B.I. Reports Cracking a Child Smut Network on America Online*      **Court upholds law on child-sex images**

**Man accused of using Internet in bid to arrange rape of woman**

Officer charged with distributing obscene material on Internet

**On-line child pornography ring busted**      Abilene man gets six years in computer child porn case

**Constable may be jailed in Internet porn case**      Seized child porn was set to go on-line

**Trooper charged in child porn case**      FBI, police confiscate material in Dallas area

---

---

---

---

---

---

---

---

### How We Investigate

- Use a PC with Internet Purchased using an Undercover Identity
  - Government IP's are known by automated programs
  - We can be looked at as we are looking
  - Connection to Internet that's not behind a firewall
- If no secure computer is available
- Browse from Internet hotspot
- NEVER USE A HOME PC OR YOUR HOME INTERNET CONNECTION!!!!
- DECONFLICT!

---

---

---

---

---

---

---

---

### Computers vs. Internet

- Computer Forensics
  - Investigates Data from a suspect's machine
- Internet Forensics
  - Investigates Online Activities
  - Information obtained from Internet Service Providers

---

---

---

---

---

---

---

---

### Investigation Quick Reference

- Look at the website
  - www.planopolice.org
    - Find any names, numbers, addresses or references to the site
- Search Engines
  - Look up names, numbers, addresses, references to the site
- Whois
  - netsol.com – Registration information
  - ARIN.net – IP address information
- Traceroute
  - Plots path to website from your computer
  - identified web site host and ISP

---

---

---

---

---

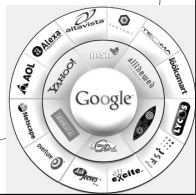
---

---

---

### Investigation Quick Reference

- Run info in search engines
  - Names
  - Phone Numbers
  - Addresses
    - Can get maps of locations
    - Google Maps Street View
  - Newsgroups
    - Any mention of newsgroups
- MySpace/Facebook



---

---

---

---

---

---

---

---

### Google "Street View"



---

---

---

---

---

---

---

---

## Email Investigations

- Email Headers
  - Emails have to be routed to your "address"
  - Headers capture this info to get the mail to its destination

---

---

---

---

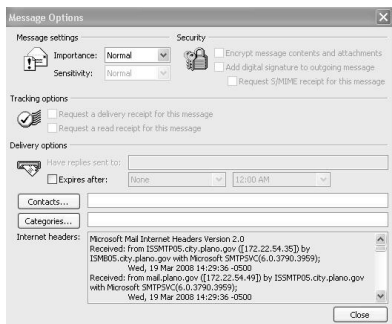
---

---

---

---

## Email Header Information




---

---

---

---

---

---

---

---

## Maxmind.com

MaxMind GeoIP City/ISP/Organization Edition Results

Hostname	Country Code	Country Name	Region	Region Name	City	Postal Code	Latitude	Longitude	ISP	Organization	Metro Area Code	Area Code
198.105.8.131	US	United States	TX	Texas	Plano		33.0483	-96.7347	City of Plano, Texas	City of Plano, Texas	623	972

---

---

---

---

---

---

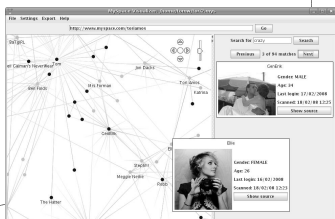
---

---



<http://www.lococitato.com/>

- Tracks users of MySpace to their friends
  - Helpful in investigations
  - Witnesses
  - Other Suspects




---

---

---

---

---

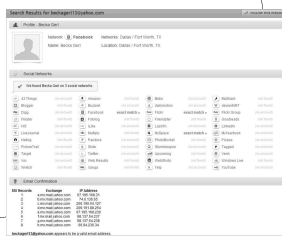
---

---

---

<http://www.spokeo.com/>

- Tracks users of social networking sites by their email addresses
  - Helpful in investigations
  - Other identities
  - Validates email




---

---

---

---

---

---

---

---

Find ISPs for Subpoenas

- <http://www.search.org/programs/hightech/isp/>

**Time Warner Roadrunner**

Contact Name: Christine Coujns, Law Department  
 Online Service Address: Road Runner High Speed Data  
 290 Harbor Dr.  
 Stamford, CT 06902  
 Phone Number: 203-328-0645  
 Fax Number: 203-328-4845  
 Note(s): Additional Contact Information:  
 Christine Coujns 203-328-0645  
 Amanda Brown 203-328-4844

Additional Information:  
 Time Warner will maintain logs for 90 days (90 days will be available soon) and their notification policy is to withhold user notification with a preservation letter. But to notify on C.D. or S.W. service unless otherwise notified to not do so.)  
 February, 2007

Last Updated:

---

---

---

---

---

---

---

---

### Internet Crimes Against Children

- ◎ Education
  - Church Groups
  - Parent Teacher Organizations
  - ANYONE WHO ASKS!

◎ Parents are NOT educated about the internet



---

---

---

---

---

---

---

---

### Compulsion or an Addiction?

- ◎ Erick Janssen, PhD, a researcher at the Kinsey Institute, criticizes the use of the term addiction when talking about porn because he says it merely describes certain people's behavior as being addiction-like, but treating them as addicts may not help them.
- ◎ "The therapists who treat pornography addicts say they behave just like any other addicts," says Mary Anne Layden, PhD, a psychologist at the University of Pennsylvania

---

---

---

---

---

---

---

---

### Compulsion or an Addiction?

- ◎ "I think of porn addiction as a label that's used to put down behavior that's disapproved of socially," Violet Blue, a sex educator and author of *The Ultimate Guide to Adult Videos*,

---

---

---

---

---

---

---

---

### The Compliant Child Victim

- ⦿ the term *compliant* will be used to describe those children who cooperate in or “consent” to their sexual victimization
- ⦿ Because children cannot legally consent to having sex with adults, this compliance should not in any way alter the fact that they are victims of serious crimes

---

---

---

---

---

---

---

---

### The Compliant Child Victim

- ⦿ Most “compliant” child victims were courted, groomed, or seduced over time by an adult.
- ⦿ Drugs as a tool to gain compliance
- ⦿ A KID CAN NOT CONSENT!

---

---

---

---

---

---

---

---

### The Compliant Child Victim

- ⦿ Less likely to be believed
- ⦿ What “normal” people
- ⦿ May be hostile (especially adolescents)
  - Embarrassment
  - What will peers think?

---

---

---

---

---

---

---

---

### How Drugs Play a Role

- For the perpetrator, being under the influence may remove both physical and psychological inhibitors, which keep all people from acting out violently.
  
- The use of alcohol and drugs also makes it much more difficult for the victim to stay away from dangerous situations and to problem-solve a way out of a situation.

---

---

---

---

---

---

---

---

### High Risk Kids

- More likely to give out personal information
  
- Spend more time on line
  
- More likely to get solicited
  
- Check for on-line victimization

Melissa Wells and Kimberly J. Mitchell

---

---

---

---

---

---

---

---

### Questions?

- Dan Powers, LCSW
  - 972-633-6615
  - [dpowers@caccollincounty.org](mailto:dpowers@caccollincounty.org)
  
- Jeff Rich, Detective
  - 972-941-2631
  - [jeffr@plano.gov](mailto:jeffr@plano.gov)

---

---

---

---

---

---

---

---