

# CHILD PORNOGRAPHY OFFENDER USE OF TECHNOLOGY

Gerald R. Grant Jr.  
Investigator

United States Sentencing Commission  
February 15, 2012

# Contraband Categories



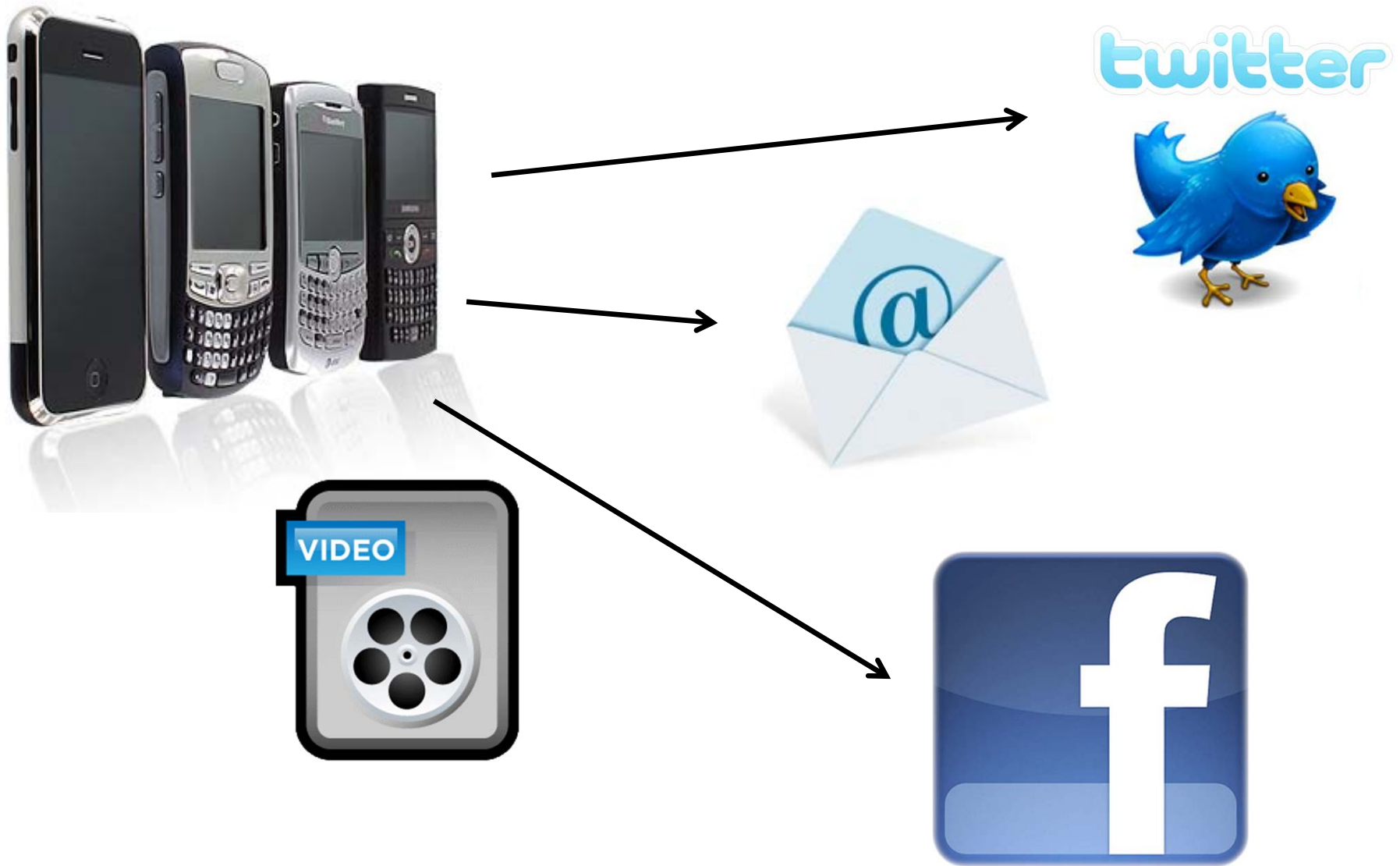
# Evolution of an Image



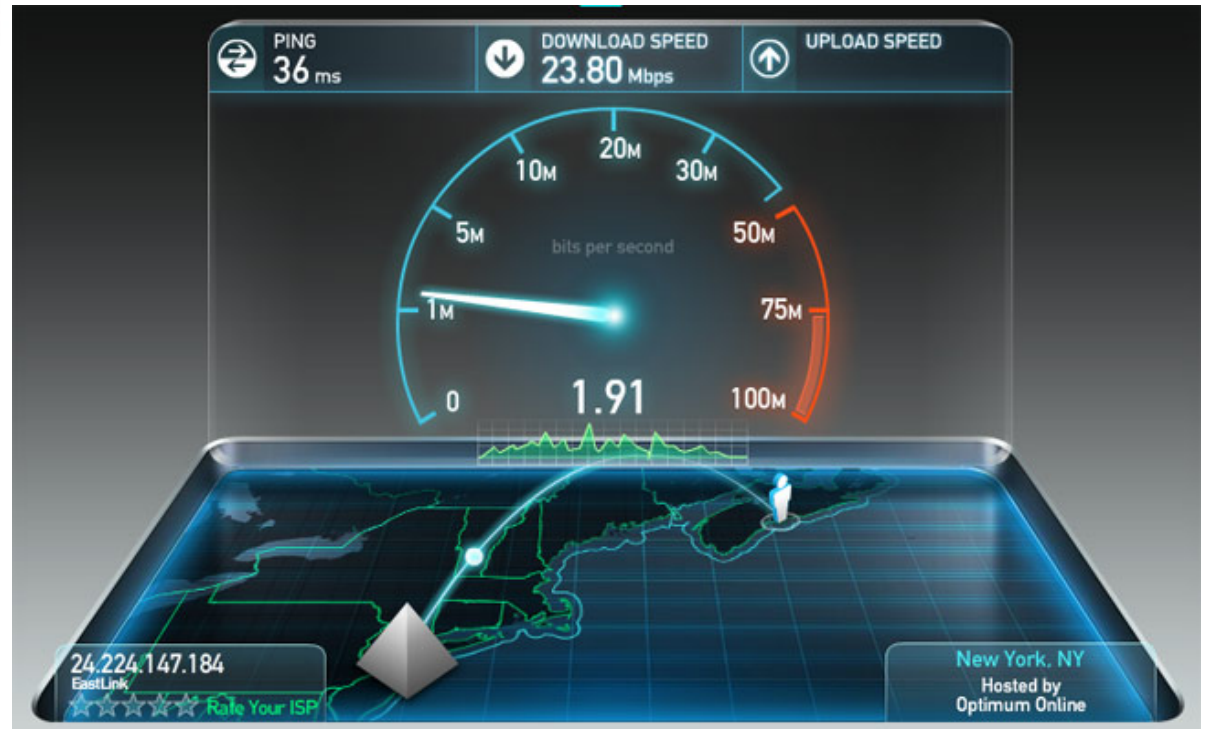
# Instant Film



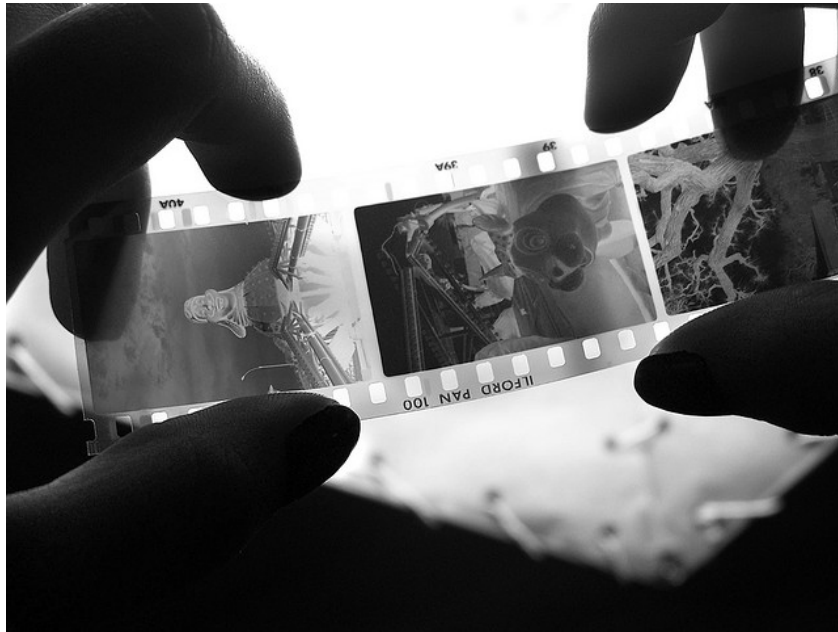
# Digital Images Today



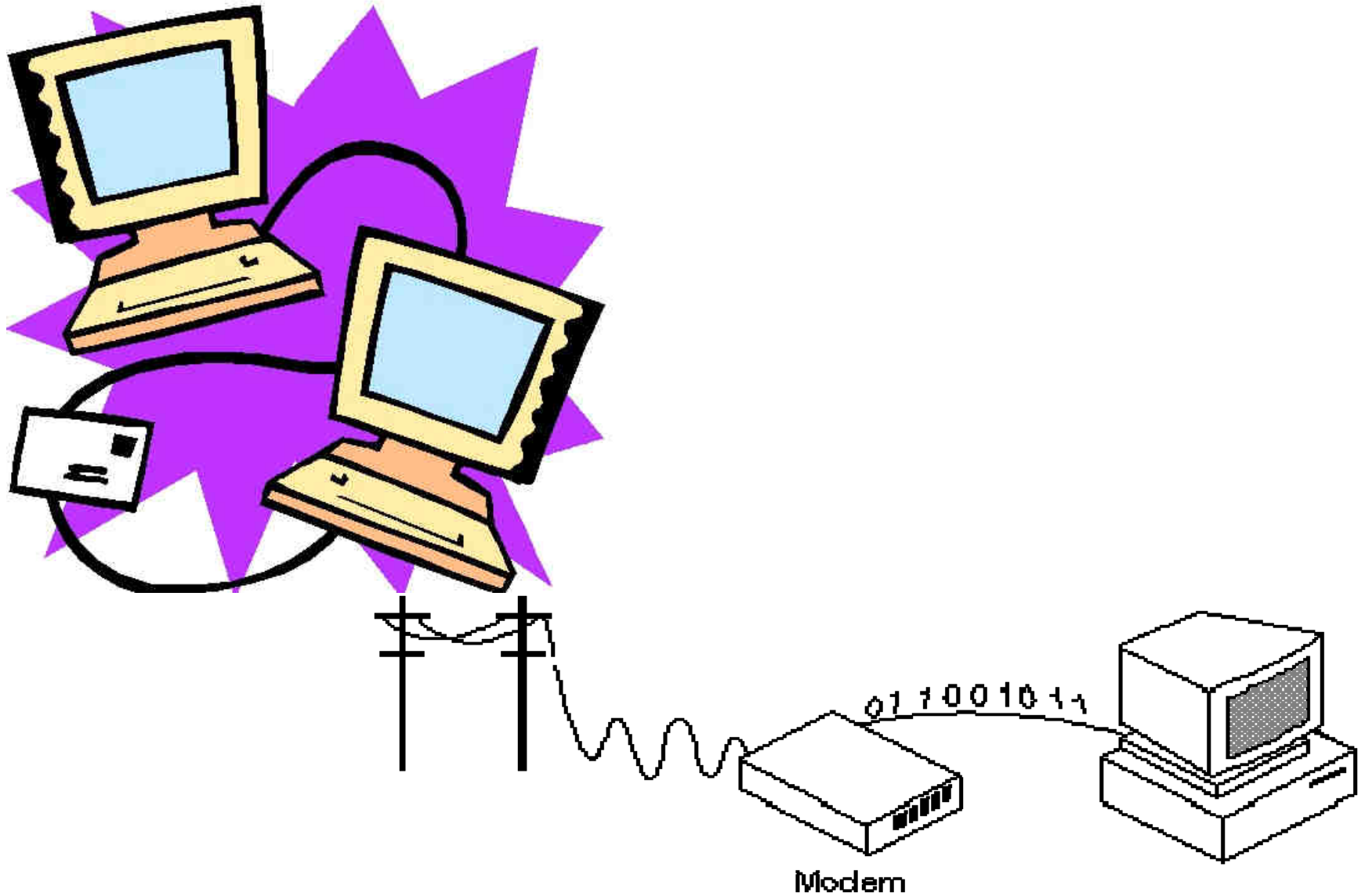
# Smaller, Better, Faster



# Before Digital



# Computers & Internet





# Newsgroups, Bulletin Boards & Chats



```
.....>>> Exec-PC BBS <<<.....
.....
ived! You are connected to the LARGEST BBS in the WORLD!
just a few of the excellent features you will find here:
Software - Files Galore!
Computer Games
CD-ROM File Collections
Picture Images and Movies
Local Access via Telnet-IN
Half a Million Messages
ASP Approved BBS
QWK Compatible Message System

-> You are currently in FREE Demo mode. You may visit most
-> areas of the BBS. You may download from the many file
-> collections marked "FREE!", you can send us LOGOFF COMMENTS.
-> Use the <S>subscribe function to get full access for FREE!

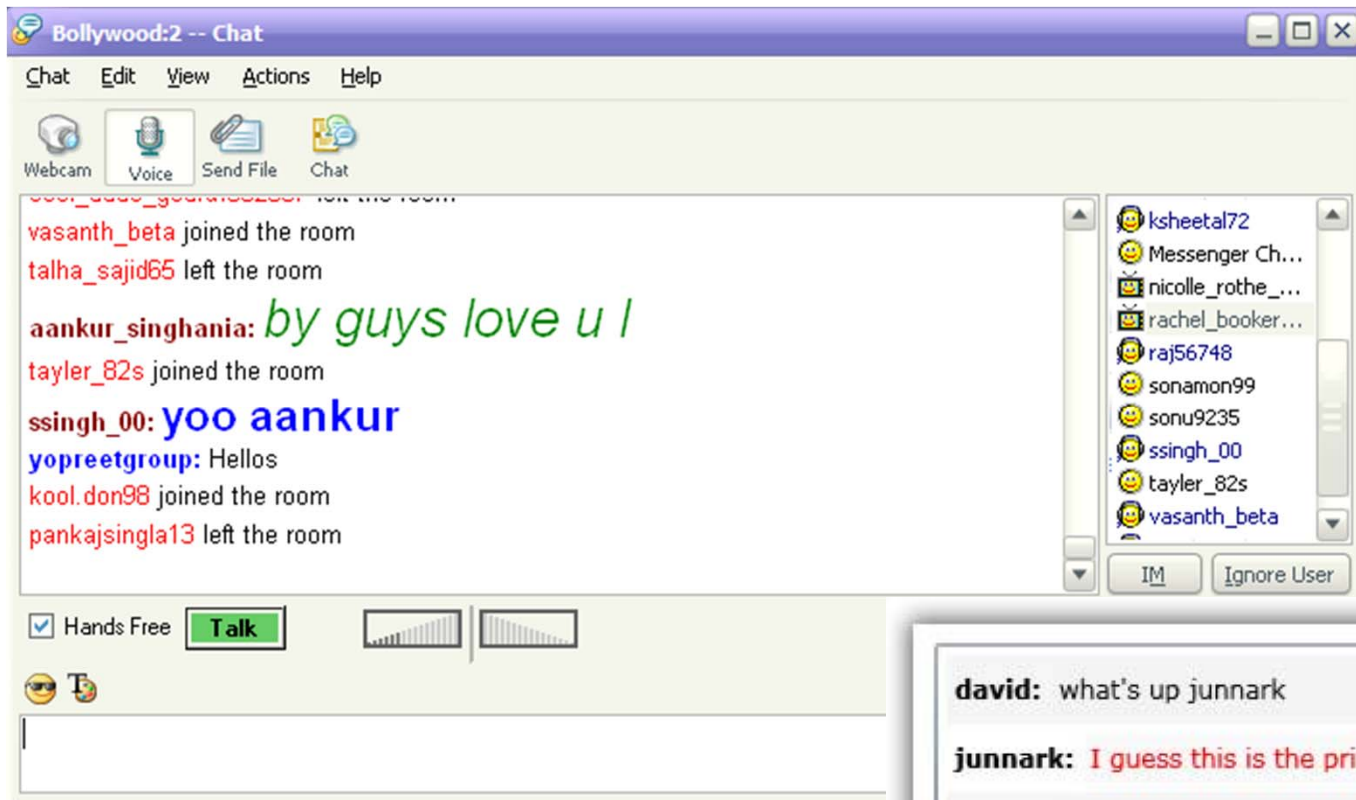
If you are using a high speed modem, please see the bulletin
titled "High Speed modem numbers" for the correct number to call.

Press any key to continue -> _
```

# AIM, Yahoo & MSN

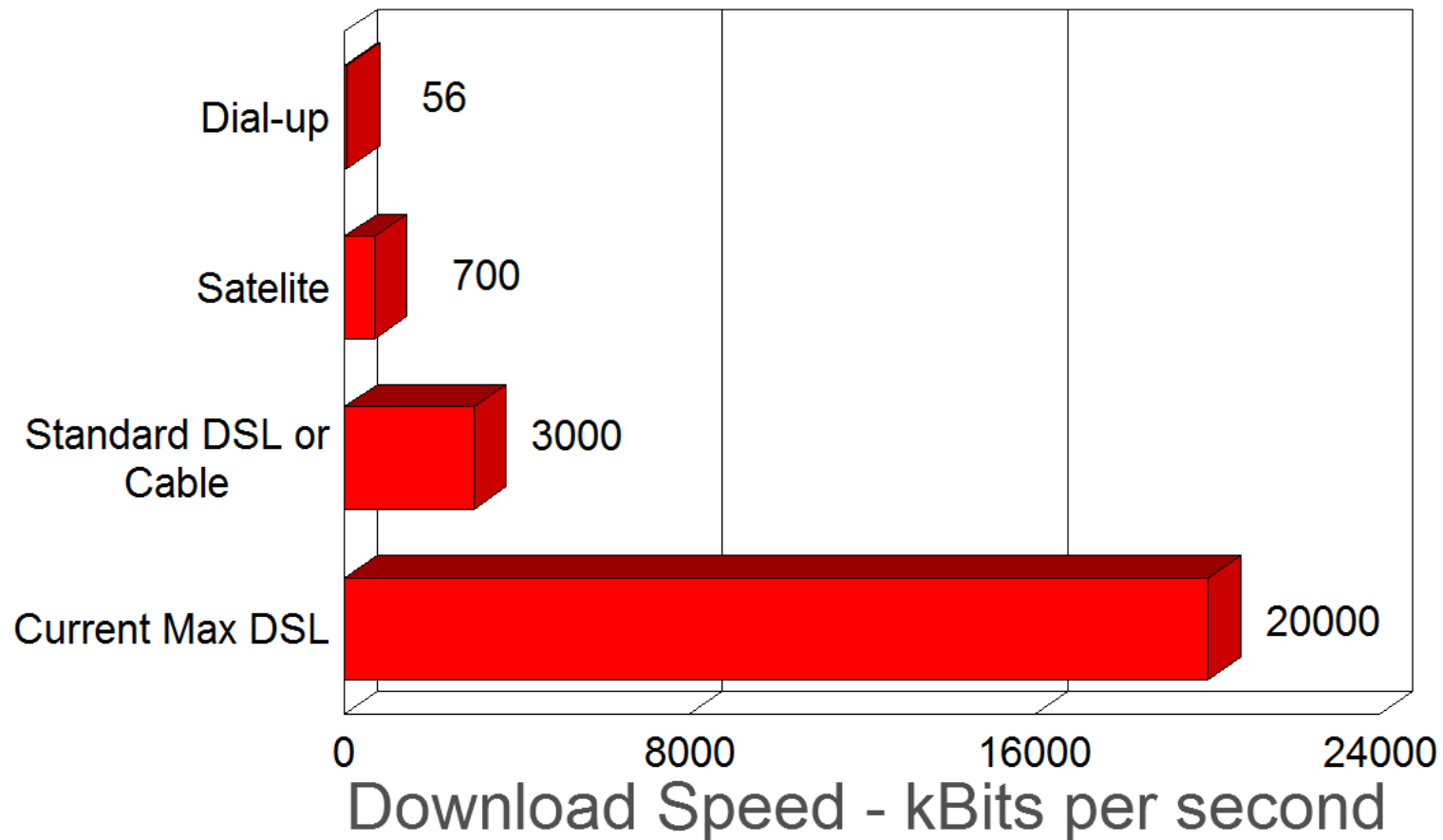


# Chat Rooms / Private Chat



# Dial-Up vs. High Speed

## Bandwidth Choices



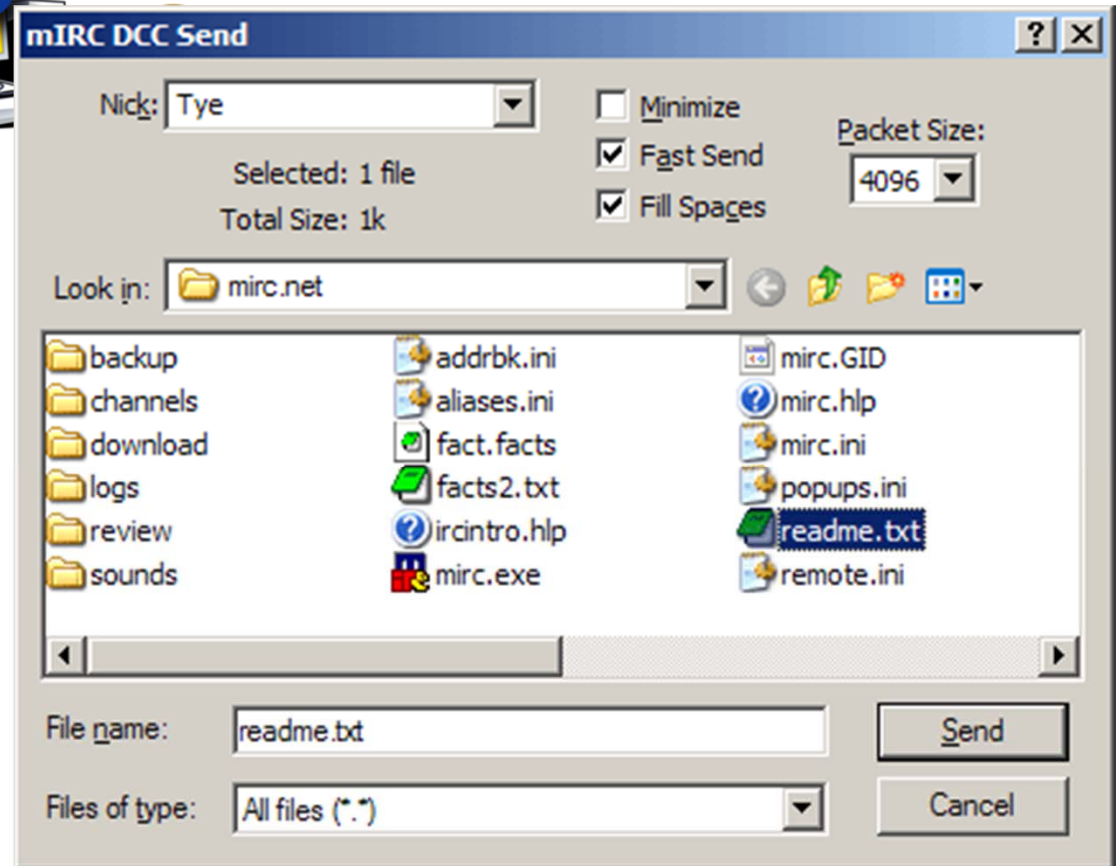
# E-Mail Send & Receive



# Web Search Engines



# Internet Relay Chat (IRC)



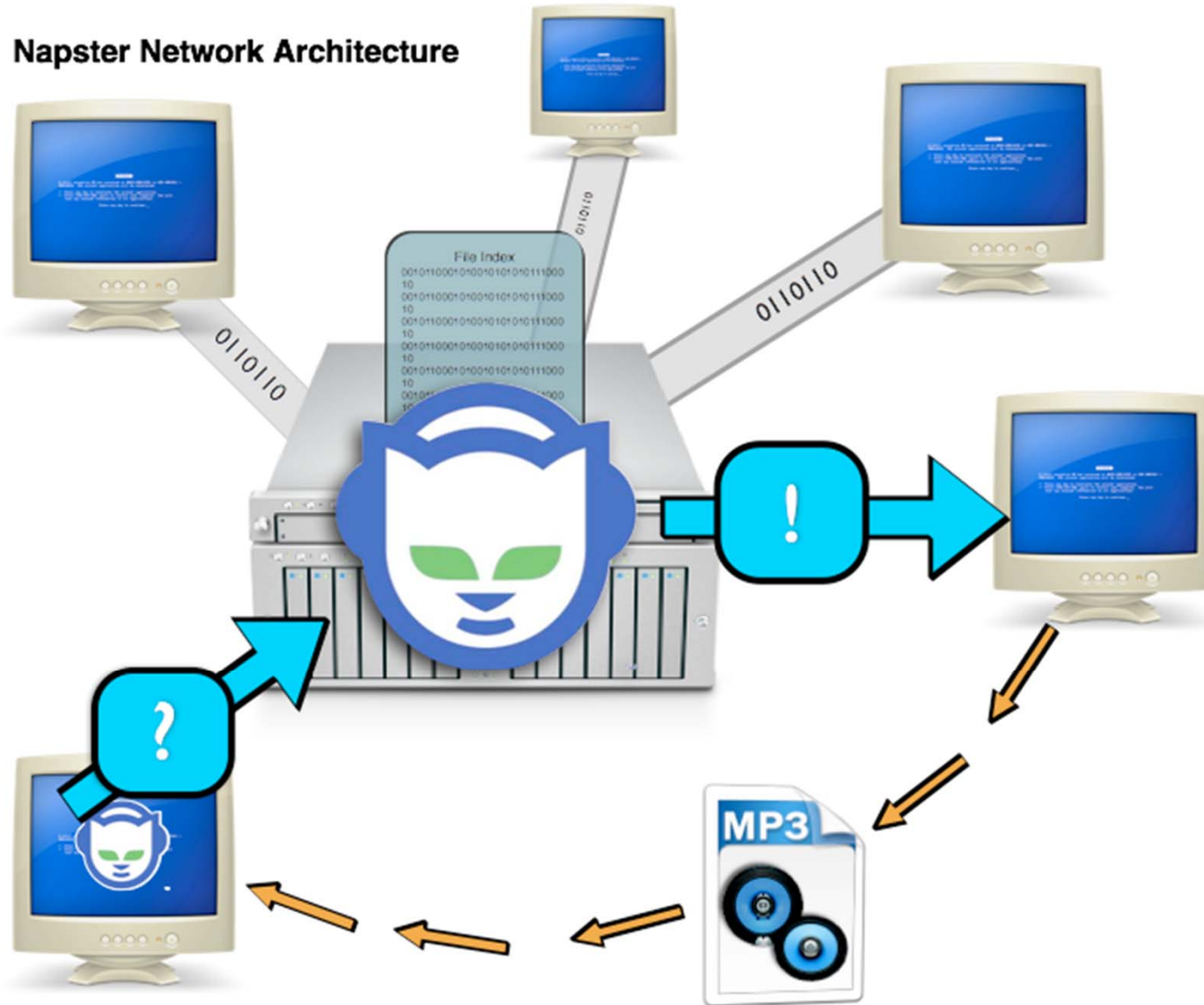
# Original File Sharing

```
<Bellany> End of list
<oneyear> cd 1981 CHANTE NOEL
<Bellany> SysReset 2.53
<Bellany> [\1981 chante noel]
<oneyear> dir
<Bellany> SysReset 2.53
<Bellany> [\1981 chante noel\*.*)
<Bellany> ..
<Bellany> celine dion - chante noel - 01 - glory alleluia.mp3 4.13 mb
<Bellany> celine dion - chante noel - 02 - le p'tit renne au nez rouge.mp3 2.48 mb
<Bellany> celine dion - chante noel - 03 - petit papa noel.mp3 5.54 mb
<Bellany> celine dion - chante noel - 04 - sainte nuit.mp3 4.94 mb
<Bellany> celine dion - chante noel - 05 - les enfants oublies.mp3 5.36 mb
<Bellany> celine dion - chante noel - 06 - noel blanc.mp3 2.57 mb
<Bellany> celine dion - chante noel - 07 - pere noel arrive ce soir.mp3 3.63 mb
<Bellany> celine dion - chante noel - 08 - j'ai vu naman embrasser le pere noel.mp3 4.85 mb
<Bellany> celine dion - chante noel - 09 - promenade en traineau.mp3 3.34 mb
<Bellany> celine dion - chante noel - 10 - joyeux noel.mp3 4.66 mb
<Bellany> chante noel.m3u 1.03 kb
<Bellany> End of list
<oneyear> get celine dion - chante noel - 01 - glory alleluia.mp3
<Bellany> Adding your file to queue slot 2. The file will send when the next send slot is open.
get celine dion - chante noel - 01 - glory alleluia.mp3
```



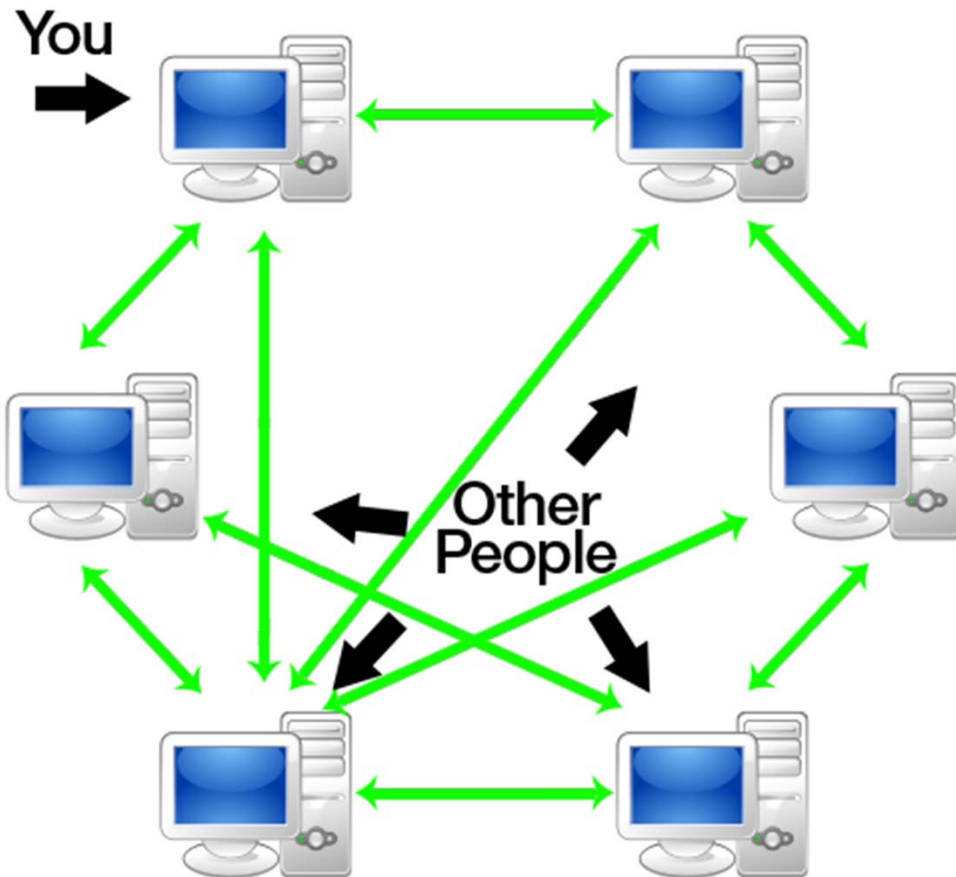
# Napster Arrives

Napster Network Architecture



# Decentralized Peer-to-Peer

## Peer-to-Peer Model



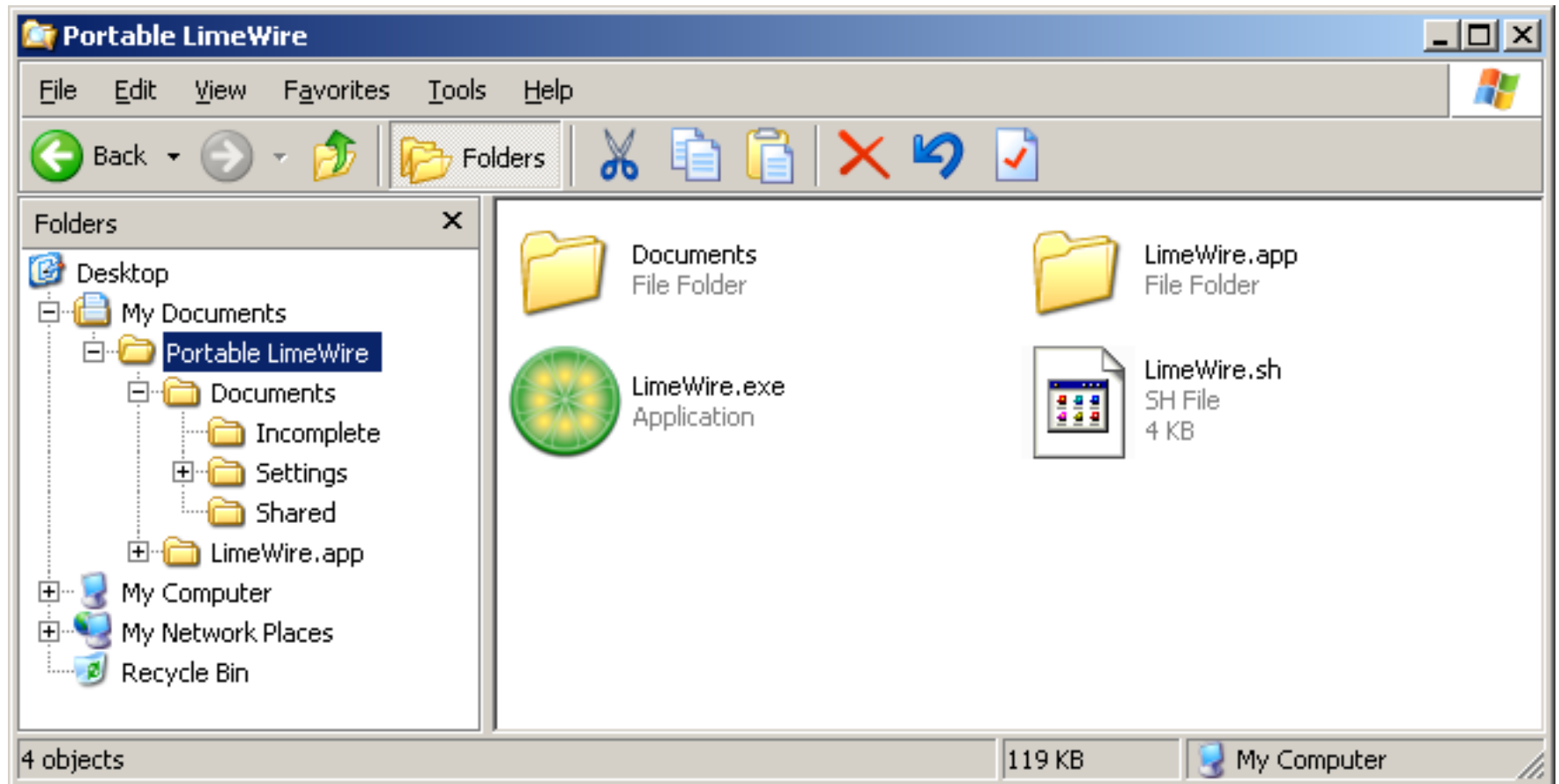
# Automatic File Sharing



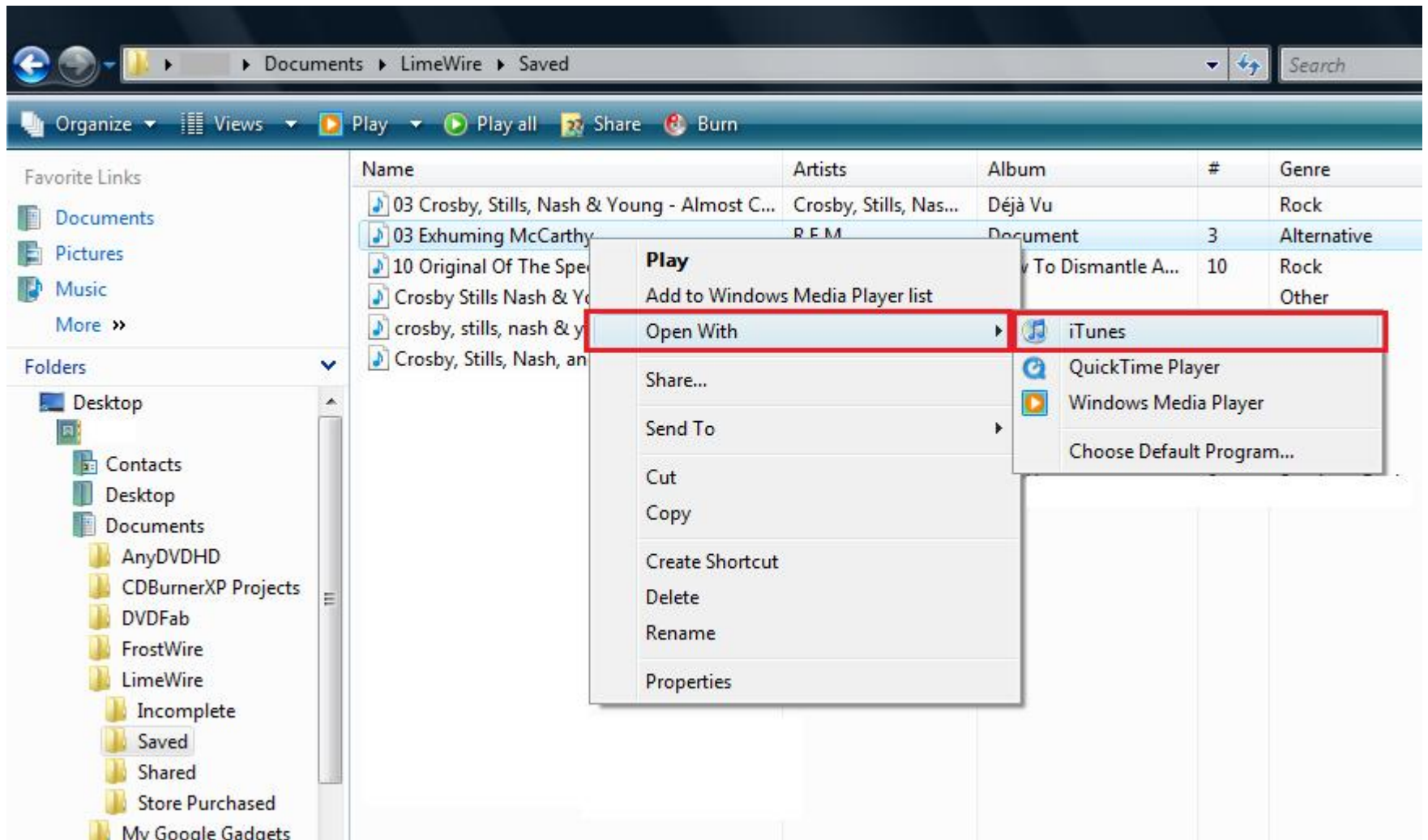
=



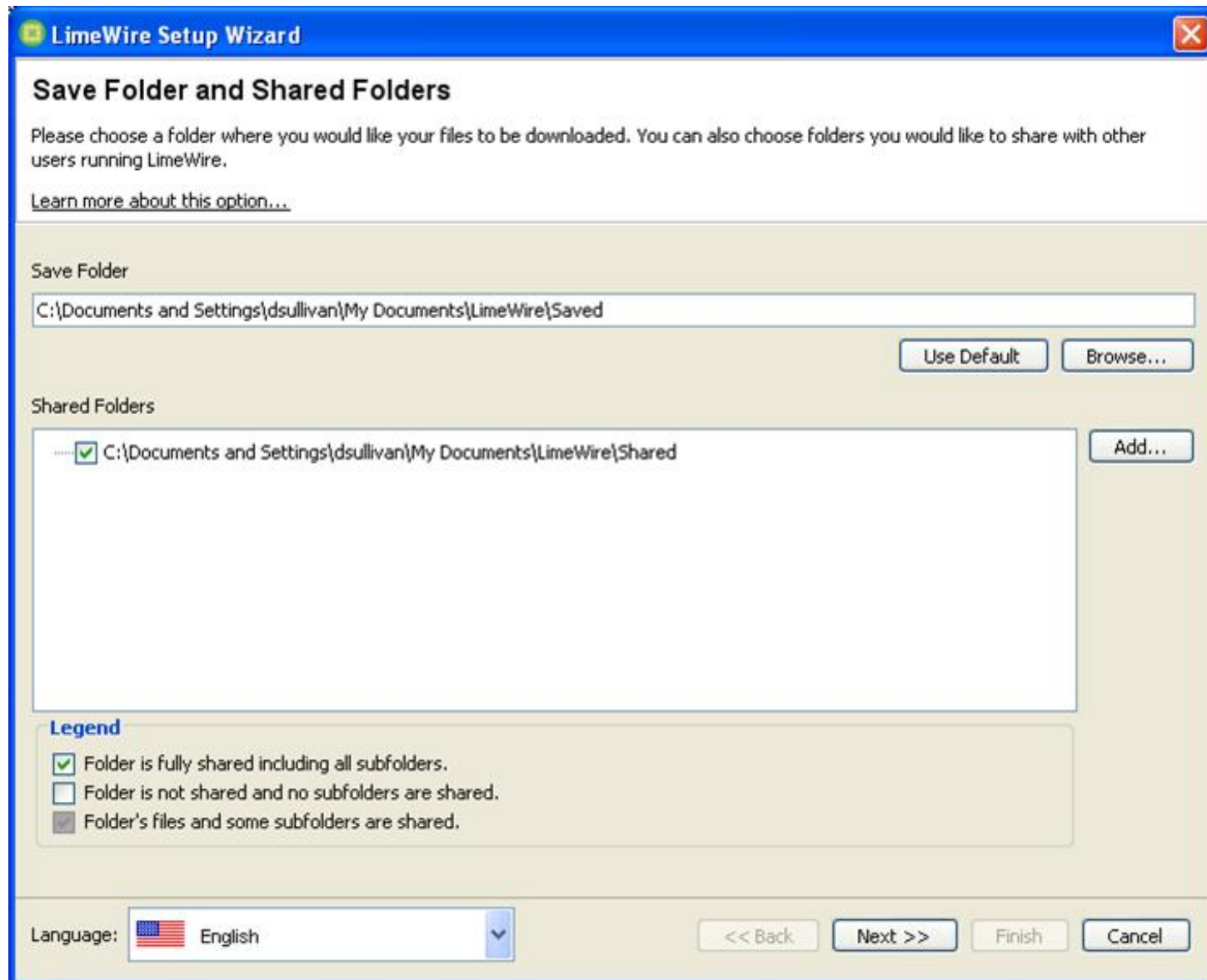
# Older LimeWire Folders



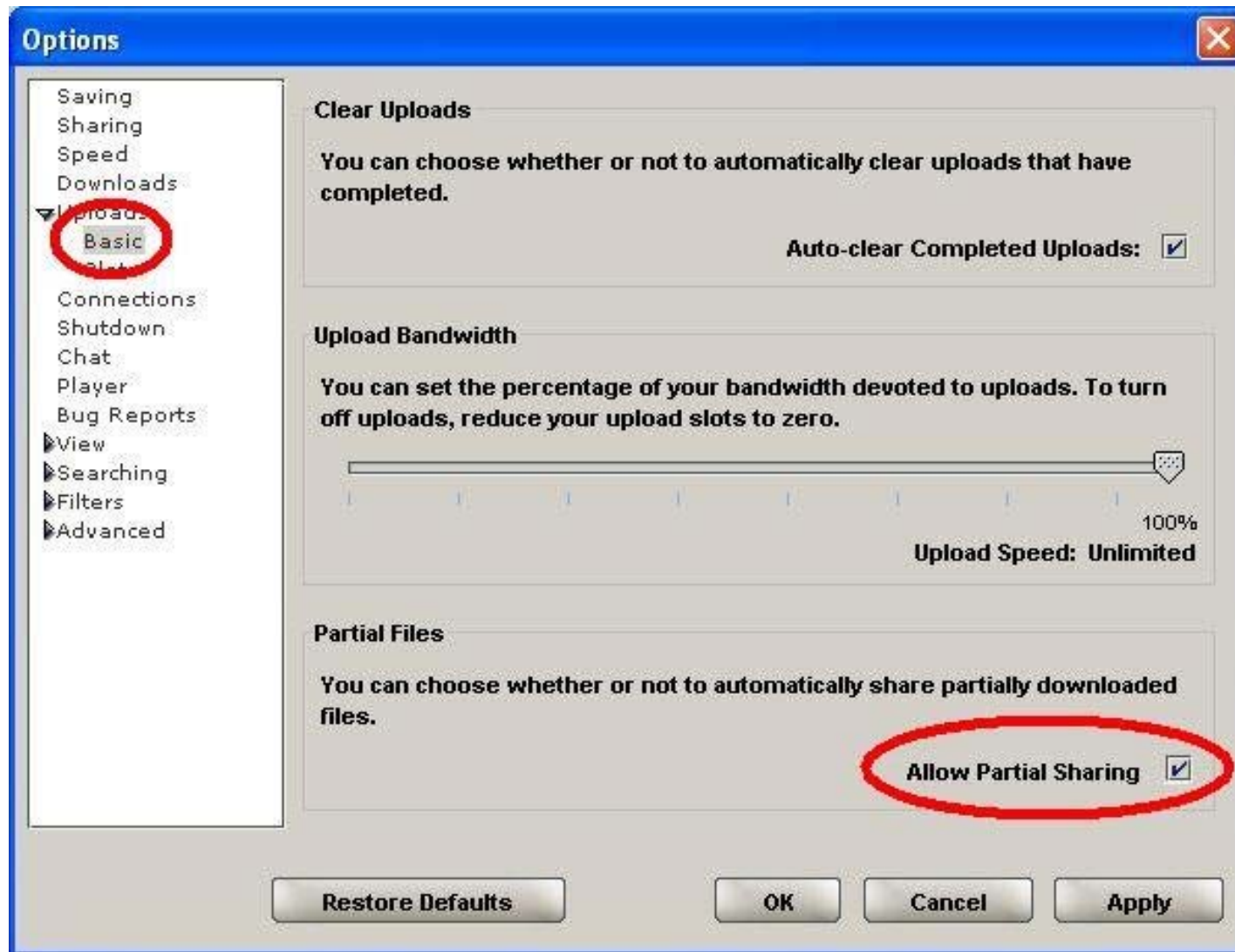
# Newer Limewire Folders



# More Automatic Sharing



# Even More Automatic Sharing



# Simple Search Term/Bad Result

Shareaza is actively searching the network...

File	Type	Size	Rating	Status	Host/Count
8yo kids having sex	mpeg	644 KB	✓	✓	213.105.99.99
7 yr old bessie very sexy underage preteen xxx cumshot blowjob anal hardcore fucking y...	avi	452 KB	✓	✓	24.201.25.218
5yo boy and 7yo sister reelkiddymov lolita preteen incest kiddie porn sex ddoggprn(1)(1) ...	mpeg	644 KB	✓	✓	24.201.25.218
4yo littlegirl expects all men to go down on her - (15sec) (Originally do-me-ll) - reelkiddymo...	mpeg	4.47 MB	✓	✓	(1 sources)
4hardcore pornstars - lol ferrari; asia carrera; tania russos; jenna jameson great sex(18...	asf	55.54 MB	✓	✓	qqwerty_+373
3 porn stars houston, niki sterling, kaitlyn ashley montage, great sex(2;11sec)	asf	8.05 MB	✓	✓	Bif
2_teen couple on bed naked having sex 14 15 16 17 amateur xxx girl boy tits ass lolita ille...	mpg	9.65 MB	✓	✓	68.105.80.177+12
2_Teen Anal Sex Pornos Videos Pics Pictures Movies Mpegs Mpgs Avis Black Asian Gay Les...	asf	1.11 MB	✓	✓	217.80.80.140+4
2 schoolgirl hentai anime sex manga [found via www.fileDonkey.com]	avi	11.77 MB	✓	✓	213.105.99.99
<b>2 hot girls masturbating at a party ( adult porn xxx teen sex amature lesbia...</b>	<b>asf</b>	<b>9.63 MB</b>	✓	✓	<b>SMD-Gott</b>
18 yr ass & fat pussy lips - sex lolita porn flatrix young teen hustler playboy r@ygold pret...	wmv	3.23 MB	✓	✓	24.201.25.218+4
18 year old girlfriend playing with her pussy [danno home movie] (tits amateur sex teen lol...	mpg	12.79 MB	✓	✓	(2 sources)
18 year old girlfriend playing with her pussy [danno home movie] (tits amateur sex teen lol...	mpg	33.75 MB	✓	✓	(3 sources)
18 Year Old Blonde Fucking Webcam Sex Porno Sexo By Necro	mpeg	5.28 MB	✓	✓	68.105.80.177
12yo sex	mpg	1.31 MB	✓	✓	213.54.172.21
12 yo girl fucking her dog ----- lolita kiddy preteen pre-teen tiny children drunk whor...	wmv	3.85 MB	✓	✓	213.105.99.99
12 yo girl fucking her dog ----- lolita kiddy preteen pre-teen tiny children drunk whor...	wmv	6.90 MB	✓	✓	213.105.99.99+1
100% Sylvia Saint - Sex Scream	mpg	792.48 MB	✓	✓	24.76.208.174
(µL½X)Å@xh©j©(µR,©É¥_µL½X,½_î±i,©É-h,AV,SEX,SM)	mpg	72.79 MB	✓	✓	Moves
(XXX) sex in a dressing room - Real Damn Good	avi	24.56 MB	✓	✓	81.57.234.129+9
(112 beautiful black women roadtest fucking machines! - 16.09 Mins - Toys, sex machines, ...	mpg	29.60 MB	✓	✓	(2 sources)
( Not for children !! ) simpsons Rape Hentai Porn Sex Cartoon Manga Shunga Nude	mpg	25.43 MB	✓	✓	213.54.172.21
( 1)LES ENFANTS INNOCENT R@YGOLD (1) child porn sex underage !Y! illegal incest...	wmv	2.42 MB	✓	✓	24.201.25.218

This area shows more information about files you select.

Download Browse User Show Search Show Details Filter: More...

Connected to 2 neighbour(s). 14.02 MB in local library. 354 Kb/s in : 7 Kb/s out [D:3/U:0]

Start Shareaza vegas (D:) Microsoft PowerPoi... 3:40 PM



# High Speed / Many Files



=

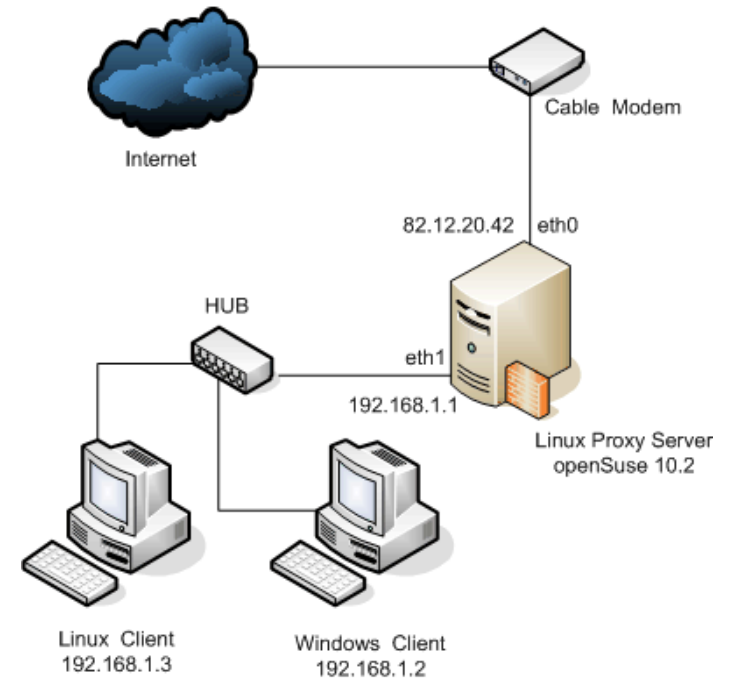


# A New Peer-to-Peer Client Arrives



GigaTribe®

# Identity Protection Tools



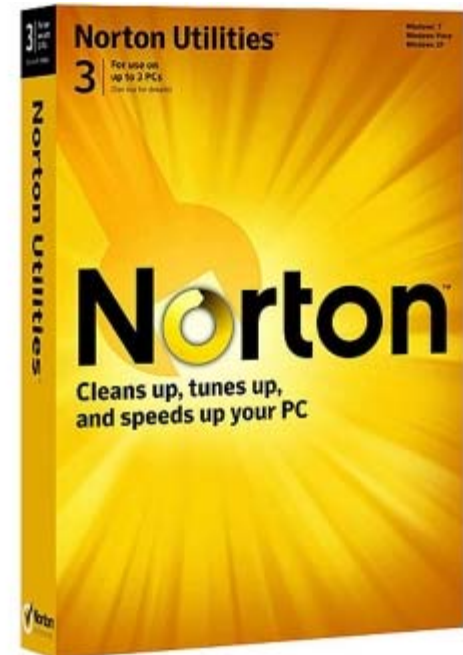
# Standard Encryption



# Stop Cybercriminals



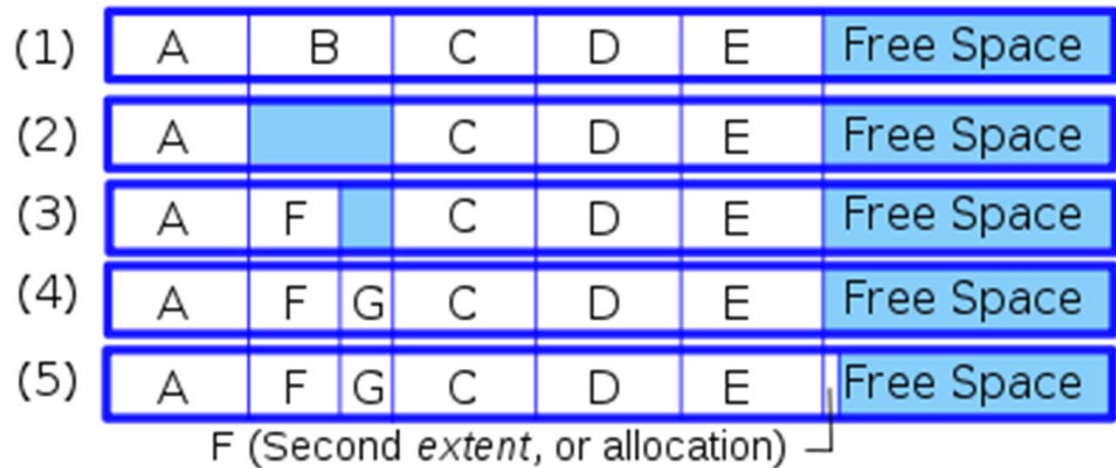
# Cleaning/Repair Utilities



(DoD) 5220.22



# Solid State / Auto Cleaning

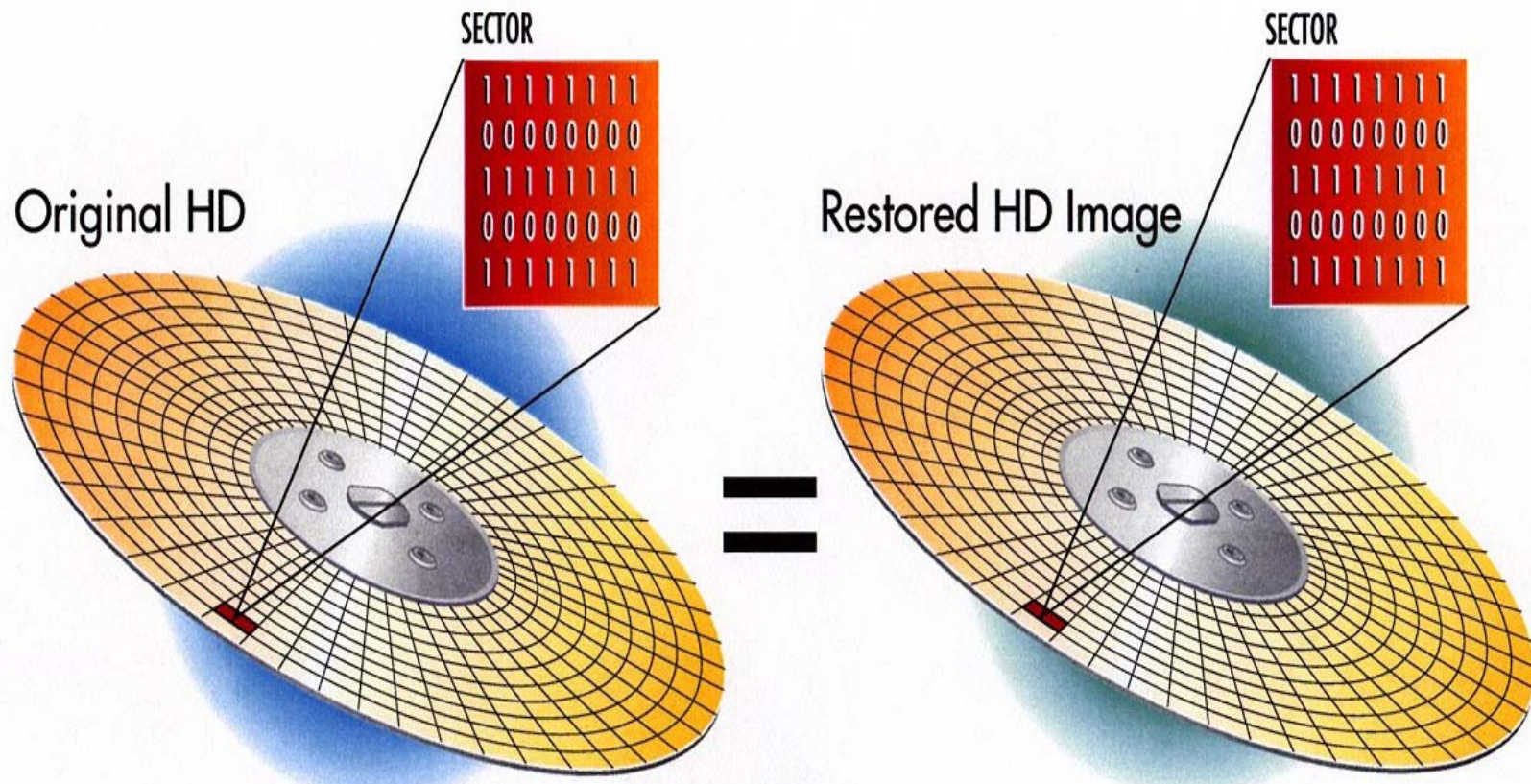




# Forensic Analysis

## Bit Stream Backup

IMAGING ONE DRIVE TO ANOTHER



Adam Walsh



# Time, Access, Cost Issues



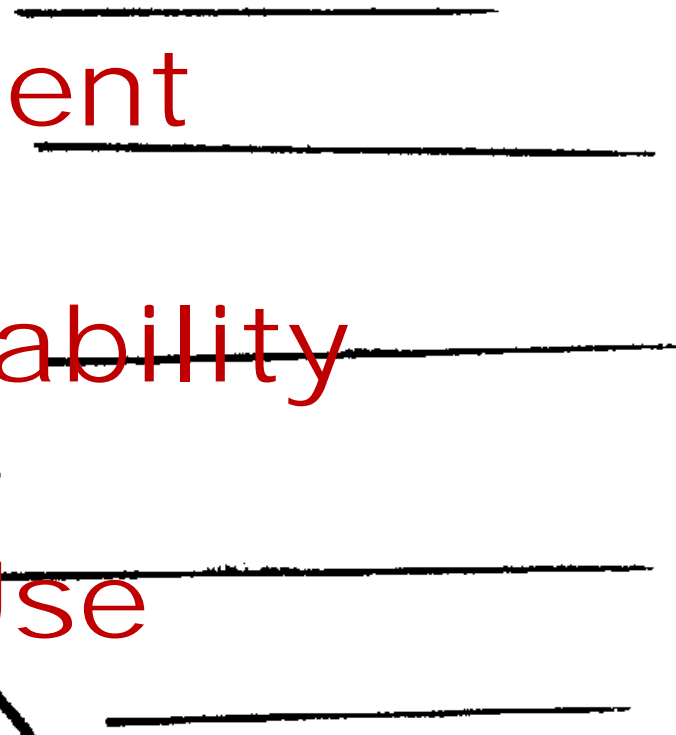
More Speed

More Content

Instant Availability

Ease of Use

Standard Options



Thank You For Your Time

