# Evil on the Internet

Dr Richard Clayton
(joint work with Tyler Moore & Steven Murdoch)



EuroBSDCon Cambridge 19<sup>th</sup> September 2009

# Outline

- Phishing websites
- Mule recruitment
- Fake escrow websites
- Fake pharmacy websites
- Fake banks
- Post-modern ponzi schemes
- Fake institutions
- Link spammers
- Comparing take-down times

# What is phishing?

- Capture of user credentials through impersonation
  - in 1996 this was pretending to be an AOL sysop
  - since 2003 has been the creation of fake bank websites
- "Bank" is merely generic attackers impersonate auction sites, payment processors, online games, Habbo, IRS etc, etc
  - common theme is that credentials are worth money
- Losses often quoted as over \$2 billion/year
  - loss figures are scaled up from phone interviews
  - Gartner figures included lottery fraud scams
  - UK banks lost £53million in 2008 (£20m-30m in previous years)
- Phishing rare in Germany attacks are mainly keyloggers
- Some markets use 2-factor (TANs, CAP, SecureID etc)
  - just means that attacks must be done in real-time

# Other parts of the criminal ecosystem

- Botnets key part of criminal infrastructure
  - send email spam, host fast-flux website, used for DDoS attacks
- Botnets are believed to be mainly built by "drive-by" malware
  - eg: email drives traffic to sites where "new" flash player needed
  - also by "worms", email attachments etc
- "Underground economy" handles sales of goods
  - runs open-outcry on easy-to-find network of IRC servers
  - allows criminals to specialise (cf Adam Smith's pin factory)
  - trust built by consistent use of "handle" ("rippers" not tolerated)
  - samples available for first time purchasers (a big PR issue)
  - cyberspace means that traditional police techniques limited
- Phishing kits deskill deployment of phishing websites
  - "free" kits have complex backdoors to leak stolen data to builder

# Types of phishing website (Jan 2008)

Misleading domain name (unusual at present)
 http://www.banckname.com/
 http://www.bankname.xtrasecuresite.com/

 Insecure end user or machine (76% of sites)
 http://www.example.com/~user/www.bankname.com/
 http://www.example.com/bankname/login/

 Free web hosting (17% of sites)
 http://www.bank.com.freespacesitename.com/

- Specialist attackers
  - distinctive patterns, often rely on wildcard DNS
  - figures only meaningful after canonicalisation
  - rock-phish 4%, fast-flux 1.4%, "ark" 1.4%

# Rock-phish & fast-flux mechanisms!

- Rock-phish (originally used /rock then /r1)
  - compromised machines run a proxy
  - domains do not infringe trademarks
  - name servers usually done in similar style
  - distinctive URL style

```
http://session9999.bankname.com.lof80.info/signon/
```

- "fast-flux" appeared in Feb'07, exclusive since July 08
  - also uses proxy machines that relay "mothership" traffic
  - hostname resolves to 5 (or 10...) IP addresses at once
  - BUT in 20 minutes time, resolves to a different set of machines
  - name server operates in the same way
- Tackling these sites means suspending the domain name, because cannot tackle the proxies fast enough

# Take-down time measurements (Jan 2008)

	Total	Mean (hours)	Median (hours)
Free webhosting	395	48	0
when brand owner aware	240	4.3	0
when brand owner unaware	155	115	29
Compromised machines	193	49	0
when brand owner aware	105	3.5	0
when brand owner unaware	155	104	10
Rock-phish domains	821	70	33
Fast-flux domains	314	96	25

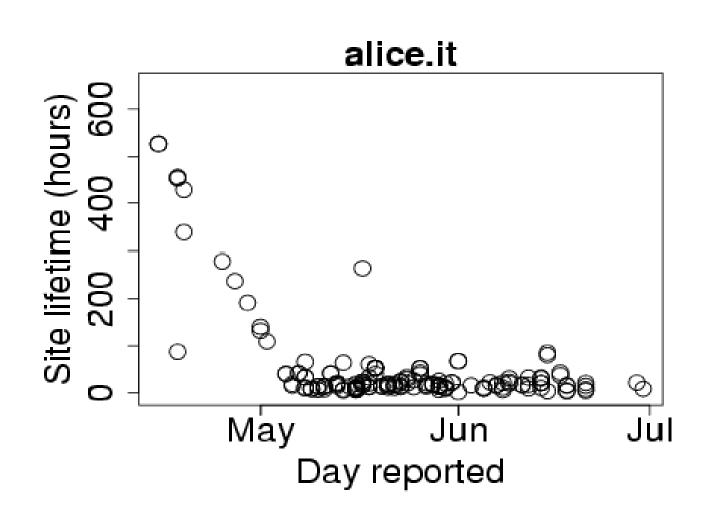
# Why are brand owners "unaware"

- Most brand-owners outsource take-down to specialist "brand protection" companies
- These companies compete not only on removal times, but also on how many websites they know of ("the quality of their feed")
- They get data from "industry" lists (APWG etc) and also from their own spam-traps (old domains, honeypots etc)
- So if Bank X hires company A, but only company B knows about the phishing site then it isn't removed
- However, as neutral academics we get data from both A and B, we know of the site and measure its (rather slow) removal
- We recommend industry-wide data sharing; the companies buying services from the competition as well!

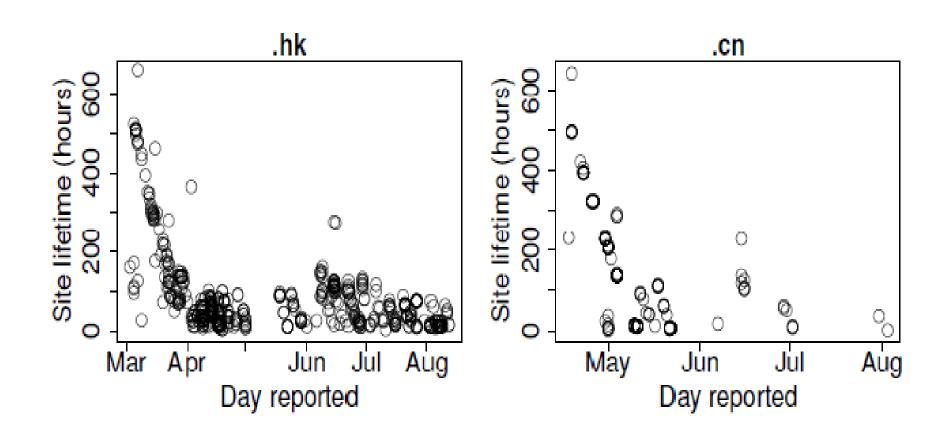
# Free web-hosting take-down data (Spring 2007)

Site lifetime (in hours)	# sites mean		median	
yahoo.com	174	23.8	6.9	
doramail	155	32.8	18.1	
pochta.ru	1253	33.8	16.8	
alice.it	159	52.4	18.8	
by.ru	254	53.1	38.2	

BUT interpret this data carefully: almost all sites (except on Yahoo!) were eBay (65 hour average; this is 1/3 of their total)



# Registrars can also have a "clue" issue





The Company

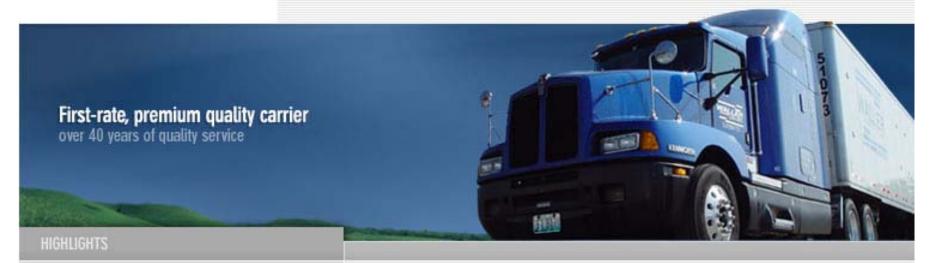
Drivers

Equipment Sale

Brokerage

Resources

Contact







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# 1. Regional Sales Manager

# Status: Part-time Job description:

- Work as a member of a group, helping to enlarge a base of customers in countries all over the world and liaise with head office on a daily basis:
- Deliver high standards of customer service ensuring high delivery speed and quality of orders
- Manage a part of a sales cycle ensure fast remittance of payments through your bank account and then - through world wide Western Union system and calculate fees at each step;
- create and maintain positive relationships with existing clients that result in new customers, lead to and
  maximise opportunities for expansions and renewale to enhance revenue stream.

## Employees should be able to perform:

- Excellent spoken English & communication skills (oral and written).
- · Professional approach on the phone conversations
- · PC literate: Microsoft Outlook and Word as a minimum
- Proven ability to communicate effectively at all levels in a relaxed confident manner.
- · Extroverted and outgoing, with a positive outlook.
- · Significant attention to detail.
- Excellent organisational skills.
- · Customer focused.
- · Focused on own personal goals, integrating the achievement of company objectives.
- Ability to work unsupervised No previous sale or accounting experience is necessary, though it will be valued.

Your Personal situation must allow you to travel around your place 1-2 hours a day on company assignments (that would be particularly trips to the bank and Western Union branches)

# Apply for this Position

#### WE OFFER:

- A base salary with generous commissions (10% out of each payment you've dealt with) and expenses.
- Flexible timetable allows you to chose the most suitable time to deal with company accignments.
- Benefits, including Contributory Pension, Life Assurance, Private medical Insurance, Birthday holiday
   Day and Childcare vouchers

# 2. Warehouse supervisor

# Status: full-time Job description:

- Provide health and safety of all staff and visitors to the warehouse and goods in area;
- Make accounting for quality and storing of incoming goods;
- Make stock records of all stock in warehouse;
- Correct assembly of orders against shipping documents;
- Supervise cleanliness of the warehouse and production area;
- Monitor loading of vehicles to meet shipping dates;
- Inspect maintenance of all mechanical handling equipment within the Company.
- Supervise and manage all staff reporting to you.

## Employees should be able to perform:

- 1 Knowledge of Warehouse Operations
- 2 Stock Control skills
- 3 Knowledge Warehouse II Systems
- 4 Supervision of Staff
- 5 Professional approach on the phone and in face-to-face meetings.
- 6 PC literate: Microsoft Excel, Outlook & Word as a minimum

# Mule recruitment

- Proportion of spam devoted to mule recruitment shows that this is a significant bottleneck
- In 2008/2009 have mainly avoided websites, relying on email drop boxes instead
- But before that were often using web sites
- Aegis, Lux Capital, Sydney Car Centre, etc, etc
  - mixture of real firms and invented ones
  - some "fast-flux" hosting involved
- Only the vigilantes are taking these down
  - impersonated are clueless and/or unmotivated
- Long-lived sites are even indexed by Google

# Mule recruitment site takedown is slow!

"Company"	Real	Period	Sites	Mean	Median
Lux Capital	<b>√</b>	Mar-Apr 07	11	721	1050
Aegis Capital	<b>√</b>	Apr-May 07	11	292	311
Sydney Car Centre	×	Jun-Aug 07	14	171	170
Harvey Investment	<b>√</b>	Sep-Oct 07	5	239	171
Cronos Investment	×	Oct-Nov 07	12	214	200
Waller Truck	<b>√</b>	Nov-Feb 08	14	237	3

Company 🕞

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# United Kingdom Transport

### July 4th, 2006 1:33 PM

I just shipped a bike from London to Budapest. It arrived much earlier than promised and without a single scratch. Thank you for doing a professional job. I would recommend you to my friends. Ken Dunn

### August 30, 2005 09:17 AM

This is the 2nd bike I shipped to Czech Republic... 1st one was with another company. I could not believe how easy you made it!! Thanks!

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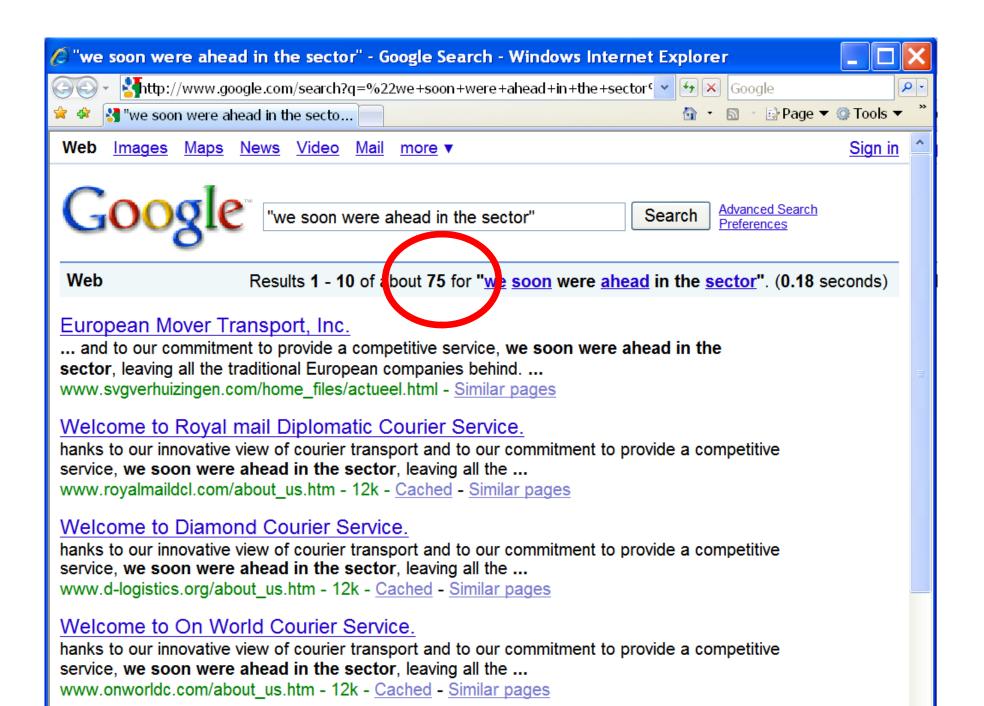
SEA SHIPPING

VIEW DETAILS



AIR TRANSPORTS

VIEW DETAILS ()





"we protect both the buyer and seller with a simple 5-step trust process"

Search

Advanced Search Preferences

Web

Results 1 - 10 of bout 188 for "we protect both the buyer and seller with a simple 5-step trust process". (0.40 seco

## .:::We offer good protection both for the seller and the buyer

Privacy Policy. Our Third Party Service takes the privacy of all its users and customers very seriously, and takes great care with user and customer ... www.tamuflogistics24.com/thrd\_privacy\_policy.html - 14k - Cached - Similar pages

### We offer good protection, both for the seller and the buyer

Why use our Third Party Agency? Our Third Party Agency protects both buyers and sellers in online transactions. The buyer is protected because we do not ... www.crimsonlog.com/thrd why use it.html - 10k - Cached - Similar pages

### We offer good protection, both for the seller and the buyer

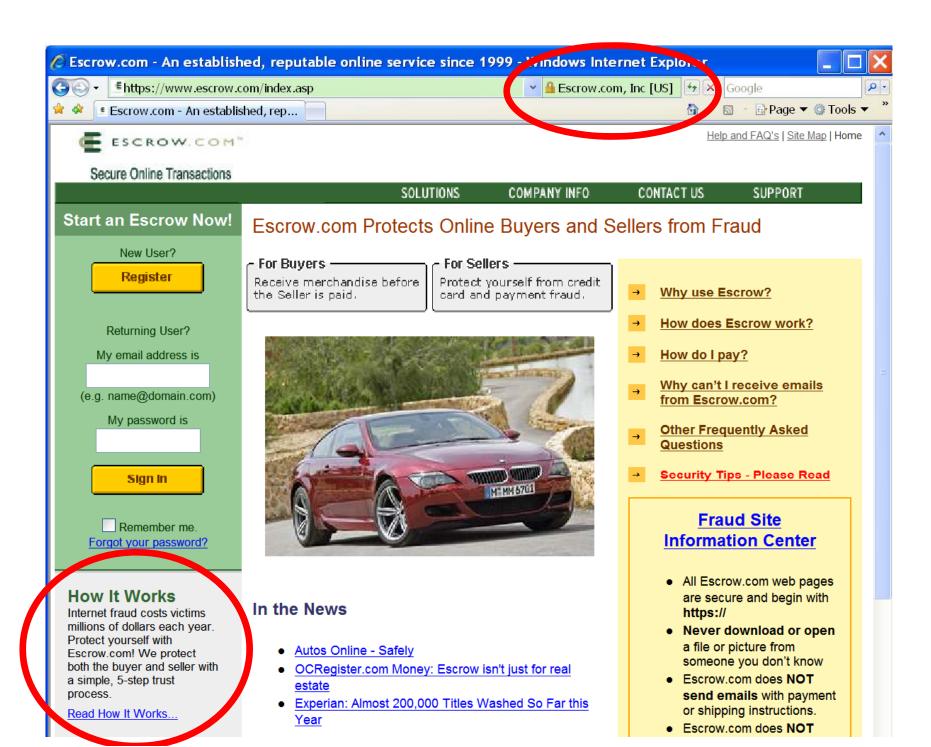
We protect both the buyer and seller with a simple, 5-step trust process. Protect yourself with a third party company. Internet fraud costs victims millions ... www.airline-worldwide-cargo.com/thrd agency.php - 10k - Cached - Similar pages

### We offer good protection, both for the seller and the buyer

We protect both the buyer and seller with a simple, 5-step trust process. Buyers can inspect merchandise before the seller is paid. ... www.eurospeed-systems.com/thrd\_home.php - 9k - Cached - Similar pages

### :Gallery - Gallery

We protect both the buyer and seller with a simple, 5-step trust process .Our Company reduces the potential risk of fraud by acting as a trusted third party ... www.aircargovfreight.com/gallery.php - 14k - Cached - Similar pages



# Fake escrow sites

- Dozen+ sets of sites used for auction scams
- Typically half a dozen victims a week, but profit is the price of a second-hand car or motorcycle!
- Tracked by "AA419" and taken down by amateur "vigilantes"
  - monitored take-downs during Oct-Dec 2007
  - 696 sites, 222 hours, 24.5 median
- Have tried (2007) searching for 81 unusual phrases
  - average of 9.8 domains/phrase, 2.4 known to AA419
- Many of these phrases still work just as well today
  - Websites often claim copyright from 1996, may mean it!





Blood Pressure/Cholesterol" "Female enhancement" "Dental Whitening" "Gen

Search

Advanced Search Preferences

Web

Results 1 - 10 of about 98,900 for "Bood Pressure/Cholesterol" "Female enhancement" "Dental Whitening" "General Health".

## **Dental Whitening**

If you look at prices for dental whitening in clinics, you will be disappointed. ... See the complete description of dental whitening kits and tools. ... gpills.net/dental-whitening/ - 14k - Cached - Similar pages

### Reliable **Dental Whitening** products. Select item and buy now!

Dental Whitening: make your choice! Pills are doctor-approved. ... Blood Pressure/Cholesterol ... Female Enhancement · General Health ... www.realhealthcenter.com/category/dental\_whitening.html - 109k - Cached - Similar pages

### **Dental Whitening**

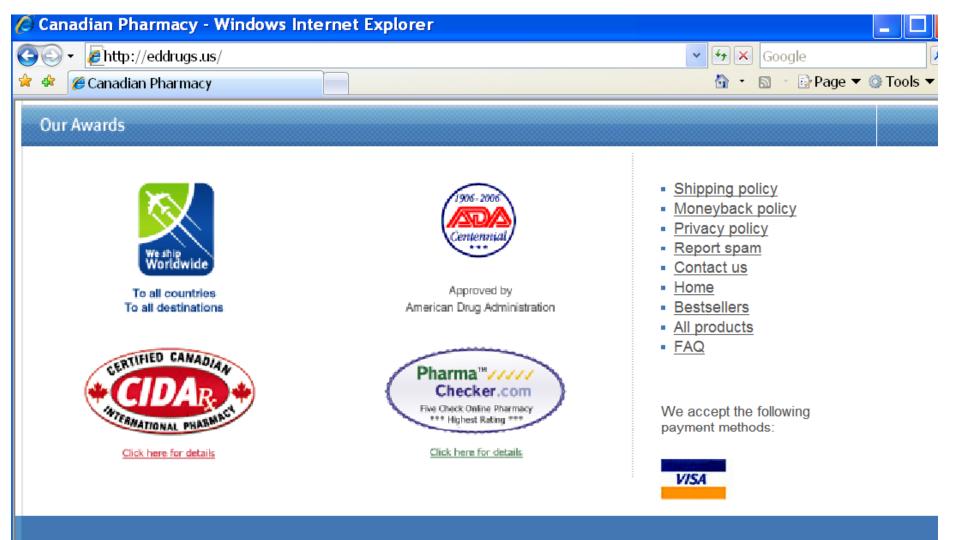
... Bestsellers · Blood Pressure/Cholesterol · Body-Building · Dental Whitening · Erectile Dysfunction · Female Enhancement · General Health · Gums New! ... www.shopmy.org/dental-whitening-c-137.html - 38k - Cached - Similar pages

### Leadmedic. Online Pharmacy. Generic Viagra, Cialis.

... Bestsellers, Blood Pressure/Cholesterol, Body-Building, Dental Whitening, Erectile Dysfunction, Female Enhancement, General Health, Gums New! ... leadmedic.com/index.php?cPath=139&osCsid=j01rs83olj5rig9lbn6n89be70 - 36k -Cached - Similar pages

## **Dental Whitening**

Blood Pressure/Cholesterol · Body-Building · Dental Whitening. — Professional Plasma Tooth Whitening Kit ... Female Enhancement · General Health ... www.onlinepillspro.com/group/dental\_whitening.html - 20k - Cached - Similar pages



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# **American Drug Administration**



#### CENTER FOR DRUG EVALUATION AND RESEARCH

# Approved by

American Drug Administration

## eddrugs.us

Company Name: eddrugs.us

Country: Canada

Type of Site: **Actual Pharmacy** 

Year Founded: 2000

Products Sold:

Range of Prescription Drugs: Full Range

Other Pharmacy Products: OTC, V&S, Dx, Pet

### **Contact Information**

**Hours of Operation:** Customer Service: Mon-Sun, 24 Hour/day. Pharmacy: M-Fri,

7:30a-11:30p CST, Sat-Sun 8a-6p

CEO/President: Kris Thorkelson

200-1765 West 8th Ave. Vancouver, BC, Canada V6J 5C6





"Kris Thorkelson" "Sat-Sun 8a-6p"

Search

Advanced Search Preferences Sign in

Web

Results 1 - 10 of about 32 for "Kys Thorkelson" "Sat-Sun 8a-6p". (0.31 seconds)

# Rip-off Report: Canadian Pharmacy - Pharmacy Support Group - The ...

9 Dec 2007 ... Pharmacy: M-Fri. 7:30 p. r1:30p CST, Sat-Sun 8a-6p. CEO/President: Kris Thorkelson 24 Terracon Place Winnipeg, MB, R2J 4G7 ...

www.ripoffreport.com/reports/0/290/RipOff0290062.htm - 52k - Cached - Similar pages

## PharmaChecker.com: Check Ratings and Profiles

Hours of Operation: Customer Service: Mon-Sun, 24 Hour/day. Pharmacy: M-Fri, 7:30a-11:30p

CST, Sat-Sun 8a-6p. CEO/President: Kris Thorkelson ...

www.canadapharmacyline.com/checker1.php - 21k - Cached - Similar pages

## PharmaChecker.com: Check Ratings and Profiles

Hours of Operation: Customer Service: Mon-Sun, 24 Hour/day. Pharmacy: M-Fri, 7:30a-11:30p

CST, Sat-Sun 8a-6p. CEO/President: Kris Thorkelson ...

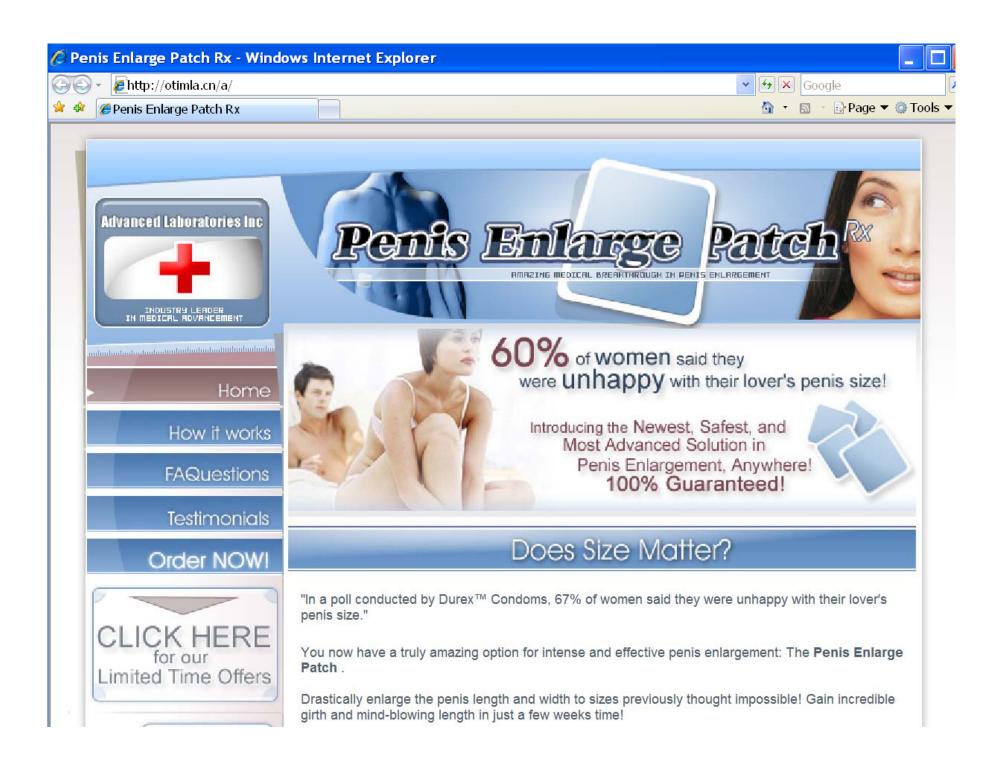
legalpills.org/pharmacychecker.html - 14k - Cached - Similar pages

## PharmaChecker.com: Check Ratings and Profiles

Hours of Operation: Customer Service: Mon-Sun, 24 Hour/day. Pharmacy: M-Fri, 7:30a-11:30p

CST, Sat-Sun 8a-6p CEO/President: Kris Thorkelson ...

pillsbot.com/checker1.php - Similar pages





you now have a truly amazing option for intense and effective penis enlarger

Search

Advanced Search Preferences

Web

Results 1 - 10 of about 909 for "you now have a truly amazing option for intense and effective penis enlargement". (0.16

## Penis Enlarge Patch Rx

You now have a truly amazing option for intense and effective penis enlargement: The Penis Enlarge Patch . Drastically enlarge the penis length and width to ... www.otimla.cn/ - 15k - Cached - Similar pages

### Penis Enlargement PenisLessons.com - Penis enlargement resources ...

Penis Enhancement | Penile Enlargement - You now have a truly amazing option for intense and effective penis enlargement. Don't waste your money on ...

www.penislessons.com/links/links.php - 25k - Cached - Similar pages

### Penis Enlargement - MavicaNET

You now have a truly amazing option for intense and effective penis enlargement. Don't waste your money on ineffective and possibly dangerous ...

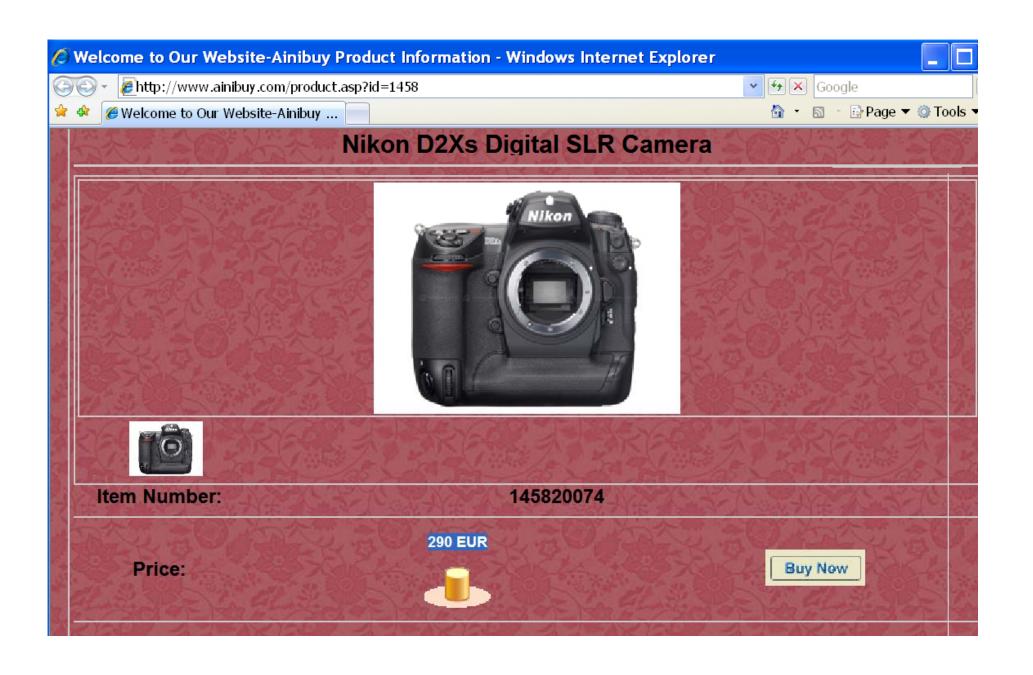
www.mavicanet.com/directory/eng/33087.html - 71k - Cached - Similar pages

## penis enlargement Patch

You now have a truly amazing option for intense and effective penis enlargement: The Power Enlarge Patch. Drastically enlarge the penis length and width to ... www.nutricounterusa.com/power penis enlargement patch.htm - 12k - Cached - Similar pages

### Power Enlarge Patch

You now have a truly amazing option for intense and effective penis enlargement: The Power Enlarge Patch. Drastically enlarge the penis length and width to ... www.virilitypillsvprx.us/penis enlargement patch.htm - 8k - Cached - Similar pages





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12.4 effective megapixel Nikon DX Format CMOS image sensor featuring optimum image quality and high-speed 4-channel data output Nikon's most advanced image .... Add to Shopping List

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Market Price: 240 EUR

Member Price: 160 EUR

VIP Price: 150 EUR

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Look up a site report:

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We tested this site and didn't find any significant problems.

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Contact information:

Country



United States



#### AUTOMATED WEB SAFETY TESTING RESULTS FOR HOTSHOPGOOD.COM



E-MAIL TESTS FOR HOTSHOPGOOD.COM: ?



DOWNLOAD TESTS FOR HOTSHOPGOOD.COM: ?



ONLINE AFFILIATIONS FOR HOTSHOPGOOD.COM:



#### ONLINE AFFILIATIONS FOR HOTSHOPGOOD.COM: ?



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This site spams (0)

Adware, spyware, or viru es (0)

Browser exploit (0)



Phishing or other scams (0)





HOTSHOPGOOD.COM WEB SITE OWNER COMMENTS (0) ?

Are you the owner of this site? Add a comment

USER REVIEWS (1) ?

Learn more about our reviewer system.

Rating: Bad shopping experience

User claiming they were robbed here http://www.castlecops.com/p908073-.html#908073

Posted at 03/12/2007-08:08:16 PM by JeanInMontana, Reviewer, View profile [Reputation score: 1 / 9]

page 1 of 1

#### REVIEWER AND WEB SITE OWNER COMMENTS



USER REVIEW SUMMARY FOR HOTSHOPGOOD.COM ?

### Questionable behaviors. [Reported]

Feedback from some users indicated this site engaged in one or more questionable activities.





HOTSHOPGOOD.COM WEB SITE OWNER COMMENTS (0) ?

Are you the owner of this site? Add a comment

USER REVIEWS (2) 🗓

page 1 of 1

Learn more about our reviewer system.

Rating: Phishing or other scams

A quick google search on "hotshopgood.com" shows it is listed at Artists Against 419 scams Registrant Contact:

xiao

zhang zhang [email]fdsfdsf@163.com[/email]

013356767854 fax: 013356767854

pt

pt pujian 361000

cn

# Pills, Penises and Photography

- Canadian Pharmacy &c
  - hosted on same fast-flux pools as some of the phishing sites. Links between the gangs remain unclear
- Sites have fake credential pages
  - requires some knowledge to see why they are fake
- Google picks up a proportion of these sites, but by no means all
  - often fairly long lifetimes (think "months")
- Lots of variants, but key phrases in common
- Some fake shopping sites, which fool some reputation systems, though Google searches often show complaints on the first page
  - "if it's too good to be true, it probably isn't true"

#### Nation Buildingwide Bank

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#### ABOUT US

Our mission

We aspire to be one of the most admired financial services organisations in the world, recognised as an innovative, customer-focused company that delivers superb products and services, ensures excellent careers for our people and contributes positively to the communities in which we live and work. What we'll do

Our long-term strategy is to remain a financial services company. We will continue to grow in Europe, and build our business in retail and commercial banking outside Europe, with a bias towards Continental Western Europe. We will develop our services and products for wealthy customers, and we will build our global businesses, such as investment banking and credit cards.

#### How we'll do it

Our strategy also determines the way in which we will achieve our goals. This includes the way we're organised, our management beliefs and practices, and the way we behave towards our customers and each other.

Foremost among our practices is the use of a management framework that shapes the way in which we make business decisions, and ties all of our planning and operations to the creation of economic value.

WHO WE ARE About Us Benefits Structure Career Financials WHAT WE DO Product & Services Private Banking Corporate Banking e- Banking

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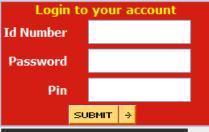
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Operational Highlights



European Indices					
Index	Last	Change			
DJEURO	2504.69	-0.53%			
FTSE	4217.4	-0.79%			





#### Contact

Our Customer Service team is at your disposal to attend to all your queries and give you any further information that you may need.



- Send us your application directly via the Internet and we will contact you as soon as possible.
- If you wish, you can also contact our professional team by calling the following telephone numbers:

#### CATER ALLEN PRIVATE BANK, Head Office.

GRAFTON GATE 150 SILBURY BOULEVARD, EAST MILTON KEYNES, LONDON, MK9 1LT UNITED KINGDOM.

PHONE: +447005930945



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Client Team
Cater Allen Private Bank
Abbey House
9 Nelson Street
Bradford
BD1 5AN

If you call us from outside the UK, normal international call charges will apply.

# Fake banks

- These are not "phishing"
  - So no-one takes them down, apart from the vigilantes
- Pattern of repeated phrases/addresses on each new site
  - so googling finds more examples
  - sometimes old links left in (hand-edited!)
- Sometimes part of a "419" scheme
  - hard to put dictator's \$millions in a real account!
- Or sometimes part of a lottery scam
  - your winnings are deposited in an interest bearing account...
  - ... unfortunately you have to pay for opening it!





[ Detailed Payouts Statistics ]
[ TOP Investors Statistics ]
[ TOP Referrers Statistics ]

#### Latest news

April 28, 2009 12:03:11am

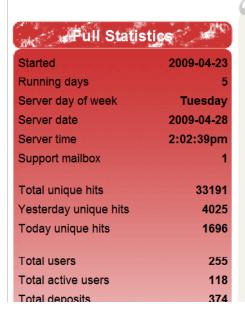
Update: referrers statistics has new features now.

April 27, 2009 04:36:01am

Update: new orange banners (728x90, 160x600) were added.

April 23, 2009 04:24:08am

GearsOfProfit project is now officially opened.



#### Introduction

Welcome to *GearsOfProfit* project. We are team of experienced Forex traders, market analysts and technicians specialists. Our financial specialists are successfully working on Forex market since 2005. Today we decided to extend our business by opening this project on the Net. Our aim is a cooperation with every new member willing to use Forex market to provide extra income. We offer you flexible investment's plans, friendly support, extra bonuses and other unique offers which will be available after your registration.

#### General information

- 1. Secured dedicated server with powerful DDoS protection by BlackLotus.net (see verification seal in bottom).
- 2. SSL cryptographic protocol for secured data transmission.
- 3. Secured site script X-HYIP v4.0 JS Edition with Extra protection of users accounts.
- 4. F.A.Q.: What is dedicated server? What is DDoS protection? What is SSL cryptographic protocol?

#### **Deposits**

- 1. Minimum amount of each deposit is \$5.
- 2. Maximum amount of each deposit is \$100 and maximum amount of all deposits is \$3000.
- 3. You can make as many deposits as you wish. You can use different e-currencies for your deposits.

#### Plan Bronze

# 103 after 1 day(s)

Mimimum amount, US\$	5
Maximum amount, US\$	100
Payout fee, %	0.00
Extra bonus, %	0.00
Principal included	yes
Compound	no
Deposit calculator	■

#### Plan Silver

# 108 after 2 day(s)

Mimimum amount, US\$	5
Maximum amount, US\$	100
Payout fee, %	0.00
Extra bonus, %	0.00
Principal included	yes
Compound	no
Deposit calculator	■

#### Plan Gold

# 114 after 3 day(s)

Mimimum amount, USS	5 5
Maximum amount, USS	100
Payout fee, %	0.00
Extra bonus, %	0.00
Principal included	yes
Compound	no
Deposit calculator	

### Advertisement area and other ratings



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Reviewed by Money-News-Online.com

Place your text AD here only for \$10/week

Place your 120x120, 125x125 or 468x60 banner AD here only for \$20/week





Started Apr 18, 2009 **Running days** 11 **Total accounts** 58 **Active accounts** 47 **Total deposited** \$ 5,945.00 Today deposited \$ 0.00 Total withdraw \$8.21 **Visitors online** 4 **Members online Newest Member** wert Last update Apr 29, 2009



Investors Stats

#### Paid Out:







Username	Date	Amount
Pukuotukas	Apr-28-2009 04:16:44 PM	\$0.65
Kryptonite	Apr-28-2009 04:16:35 PM	\$0.10
HyipBlog	Apr-28-2009 04:16:34 PM	\$0.12
fox-monitor.com	Apr-28-2009 04:16:12 PM	\$0.11
bbs24	Apr-28-2009 04:16:03 PM	\$0.25
ruspar53	Apr-28-2009 04:15:44 PM	\$0.50
Messi	Apr-28-2009 04:15:27 PM	\$0.50
OIG09	Apr-28-2009 04:15:10 PM	\$0.04
Bigprofit	Apr-28-2009 04:15:09 PM	\$0.13

# Post-modern Ponzi schemes

- High Yield Investment Program (HYIP)
  - propose returns of x% per DAY
- Basically Ponzi (pyramid) schemes that pay initial investors from newly joined mugs
- Often splash out for HTTPS certificates!
- Now some are up-front about Ponzi nature
- Reputation sites document their status
- There are a LOT of them, but little studied

Apr 28th, 2009

E-cabotage new

Our Rating: 🦅 Our Invetment: \$10.00

Payout Ratio: 0%

Status: Waiting

User Votes: 0.0 - 0 votes

Minimal Spend: \$10 Maximal Spend: No limit

Referral: No

Withdrawal: Manual

Program Details :: Payout Statistics :: Vote Now :: Get Monitor Button

Join E-cabotage Last Paid: Apr-28,2009

Apr 27th, 2009

Stableinterest new

Our Rating:

Our Invetment: \$60.00 Payout Ratio: 0%

Status: Paying

User Votes: 0.0 - 0 votes

Minimal Spend: \$10 Maximal Spend: No limit

Referral: No

Withdrawal: Manual

Added:Apr 27th, 2009

Added:Apr 28th, 2009

1.80% for 80 days

36.00% / 30 days

102.00% / 60 days

264.00% / 120 days

500.00% / 200 days

Perfect Money

1.1% daily

Reserve

2.40% daily for 80 days

Support: S

Support:

Liberty Reserve Perfect Money Program Details :: Payout Statistics :: Vote Now :: Get Monitor Button

Join Stableinterest Last Paid: Apr-27,2009

Apr 22nd, 2009

xagaenterprise new

Our Rating: 💎

Our Invetment: \$20.00

Payout Ratio: 3%

Status: Paying

User Votes: 30.0 - 3 votes

Minimal Spend: \$1

Maximal Spend: \$100,000

Referral: 5%

Withdrawal: Manual

Program Details:: Payout Statistics::View Votes:: Vote Now:: Get Monitor Button

Join xagaenterprise Last Paid: Apr-25,2009

sasfund.com

Added:Apr 22nd, 2009

Support: S

Xinvestgroup

Our Rating:

Our Invetment: \$20.00 Payout Ratio: 11%

Status: Paying

User Votes: **85.0 - 10 votes** 

Minimal Spend: **\$1** Maximal Spend: No limit

Referral: 5%

Withdrawal: Manual

Added:Feb 20th, 2009

Support: 🔀





115% after 1 day

150% after 2 days

200% after 4 days

Payout Statistics :: View Votes:: Vote Now :: Get Monitor Button

Last Paid: Apr-23,2009 Join Xinvestgroup

	Good votes		) Bad votes	Very Bad 1 votes
Rating	User Host	User E-Mail		Date
	62.182.49.xxx	xxxxx@falkon.ru	Apr 2	8th, 2009 12:42 PM
	Does not pay from 21.04.	09		
****	60.50.218.xxx	xxxxx@gmail.com	Apr 2	3rd, 2009 07:07 AM
	■ Paid to sasfund.com \$0.2	and Ranked 2009-4-23,Thanks Adr	min!	
* <b>*</b>	60.50.218.xxx	xxxxx@gmail.com	Apr 1	6th, 2009 04:08 AM
	■ Paid to sasfund.com \$0.2	and Ranked 2009-4-16, Thanks Adr	min!	
	60.50.218.xxx	xxxxx@gmail.com	Apr 9	9th, 2009 03:12 AM
	■ Paid to sasfund.com \$0.2	and Ranked 2009-4-9,Thanks Adm	in!	
***	60.50.218.xxx	xxxxx@gmail.com	Apr 6	5th, 2009 03:46 AM
	■ Paid to sasfund.com \$0.4	and Ranked 2009-4-6,Thanks Adm	in!	
	60.50.218.xxx	xxxxx@gmail.com	Mar 3	1st, 2009 08:49 AM
	■ Paid to sasfund.com \$0.2	and Ranked 2009-3-31,Thanks Adr	min!	



"exempt from the US securities act of 1933"

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Results 1 - 10 of about 5,160 for "exempt from the US securities act of 1933". (0.08 seconds)

#### Groups Discussing securities act or 1933 | Yahoo! Groups

The opportunities listed on this page are exempt from the U.S. Securities Act of 1933, the U.S. Securities Exchange Act of 1934, the U.S. Investment Company ... groups.yahoo.com/phrase/securities-act-of-1933 - 24k - Cached - Similar pages

#### If you have money to throw away: "exempt from the U.S. Securities ...

Who'd have known "exempt from the U.S. Securities Act of 1933" is code for "let us steal all your money." permalink; parent; replycancel ... www.reddit.com/r/reddit.com/comments/67xyi/if\_you\_have\_money\_to\_

throw away exempt from the/ - 33k - Cached - Similar pages

#### WEBER FUND

As a private transaction, this program is **exempt from the US Securities Act of 1933**, the US Securities Exchange Act of 1934 and the US Investment Company ... weberfund.com/terms.php - 10k - Cached - Similar pages

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# European Human Rights Centre

The European Human Rights Centre (EHRC) represents over 100 non-governmental and other not-for-profit organisations interested in the promotion of Human Rights throughout Europe and beyond.

Visit EHRC websites for more information on EHRC and its activities.

The purpose of the Centre is to contribute to the general advancement of the human rights research by promoting cooperation in Europe between organisation and government officials, and by collaborating with similar associations throughout the world.

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#### Our Mission Statement

Human Rights First believes that building respect for human rights and the rule of law will help ensure the dignity to which every individual is entitled and will stem tyranny, extremism, intolerance, and violence.

Human Rights First protects people at risk: refugees who flee persecution, victims of crimes against humanity or other mass human rights violations, victims of discrimination, those whose rights are eroded in the name of national security, and human rights advocates who are targeted for defending the rights of others. These groups are often the first victims of societal instability and breakdown; their treatment is a harbinger of wider-scale repression. Human Rights First works to prevent violations against these groups and to seek justice and accountability for violations against them.

Human Rights First is practical and effective. We advocate for change at the highest levels of national and international policymaking. We seek justice through the courts. We raise awareness and understanding through the media. We build coalitions among those with divergent views. And we mobilize people to act.

Human Rights First is a non-profit, nonpartisan international human rights organization based in Strasbourg







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#### Our Mission

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# **Fake Institution**

- Sends spam hoping for links to website
- Site has new graphics and layout, but stolen content (lightly) edited for new context
- Point of site seems to be the job adverts
- Ads are by Google!
- A handful of similar sites known to exist...
  - owner appears to be "Nichifor Valentin" from Tulcea in Romania (cyberdomino.com)
- Has fooled many of the major universities of the world!

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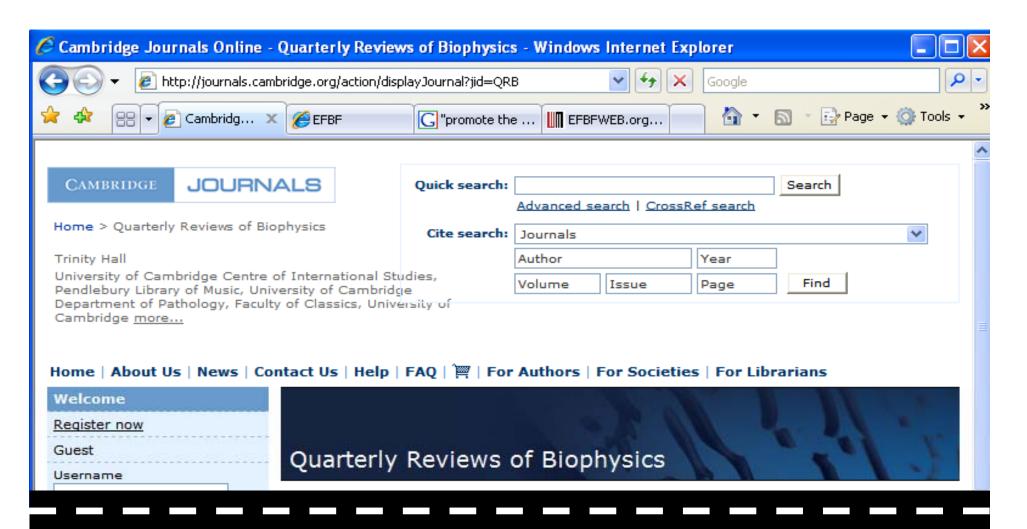


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# European Federation of Biophysics

- The European Federation of Biophysics (EFBF) represents over 100 non-governmental and other not-for-profit organisations interested in the promotion of Biophysics throughout Europe and beyond.
- Visit EFBF websites for more information on EFBF and its activities.
- The purpose of the Federation is to contribute to the general advancement of the science of biophysics research by promoting cooperation in Europe between scientific and technical societies and associations devoted to these areas of activity and by collaborating with similar associations throughout the world.

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# Top 10 most-read articles

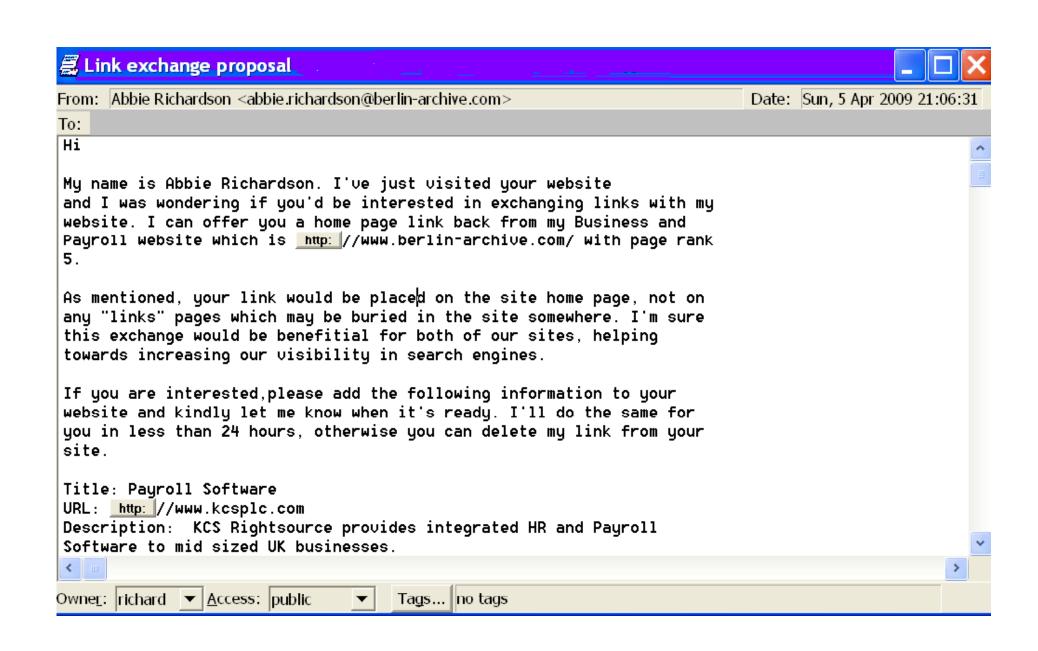
Previous month

Previous 12 months

#### Related links

International Union of Pure and Applied Biophysics

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# Link spammers

- Low volume spam sent
  - if you have a high page-rank you'll be targeted
  - googling usually finds a few examples, but not many
- Site to be linked to is generally "Made for AdSense"
  - They make money from people clicking on adverts
  - They attract people by having a high page rank
  - Your link to them increases their page rank!
- Content of websites is somewhat variable
  - may be stolen content
  - may be translated content
  - may be ezinearticles
    - content for filling up your blog/website
    - terms of service say you must provide a source credit

# Comparing take-down times

- Defamation believed to be quick (days)
- Copyright violation also prompt(ish)
  - experimentally "days"
  - albeit with prompting, suggesting perseverance matters
- Fake escrow agents
  - average 9 days, median 1 day
  - note that AA419 aware of around 25% of sites
- Mule recruitment sites (Sydney Car Center etc)
  - average 13 days, median 8 days
  - doesn't attack any particular bank, so they ignore the issue
  - Slower than escrow sites (vigilantes more motivated ?)
- Fake pharmacies
  - No vigilante groups so lifetime is ~2 months

# Child sexual abuse images (CAI)

- Provided with anonymised data by IWF
  - Jan-Dec 2007 there were 2585 different domains
  - ignoring 8 (free-web?) domains with >100 reports
- Computed initial take-down time (ignored recompromise)
  - mean 21 days, median 11 days
- · If include sites with no removal at all
  - mean 30 days (and growing), median 12 days
- Fast in UK: IWF checks with police and then contacts the ISP
  - but "not authorised" to act internationally
  - passes data via UK police to foreign forces
  - also pass to another INHOPE member
- Confusion of aims (removal/catch criminals)

	Phishing	Fake Escrow	Pills Penis &c	Fake Bank	Fake Institute	Link exchange
Number per month	thousands	dozens	dozens	handful	few	dozens
Trying to hide?	yes	no	no	no	no	no
Self-similar	yes	yes	yes	a bit	yes	no
Removal	banks & experts	vigilantes	vigilantes	vigilantes	no	no
Adverts	no	no	no	no	yes	yes

# Evil on the Internet

BLOG: http://www.lightbluetouchpaper.org/

http://www.cl.cam.ac.uk/~rnc1/

