

# Evil on the Internet

**Dr Richard Clayton**

(much is joint work with Dr Tyler Moore)



NPL  
23<sup>rd</sup> September 2010



# Outline

---

**NB: these slides were prepared in case the live demonstrations of the wicked websites were unavailable on the day. People are trying to get them removed!**

- Phishing websites
- Mule recruitment
- Fake escrow websites
- Fake pharmacy websites
- Fake banks
- Post-modern ponzi schemes

# 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

# 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

# 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%

[Sign Up](#)

Facebook helps you connect and share with the people in your life.

## Facebook Login

Email:

Password:

Keep me logged in

[Login](#)

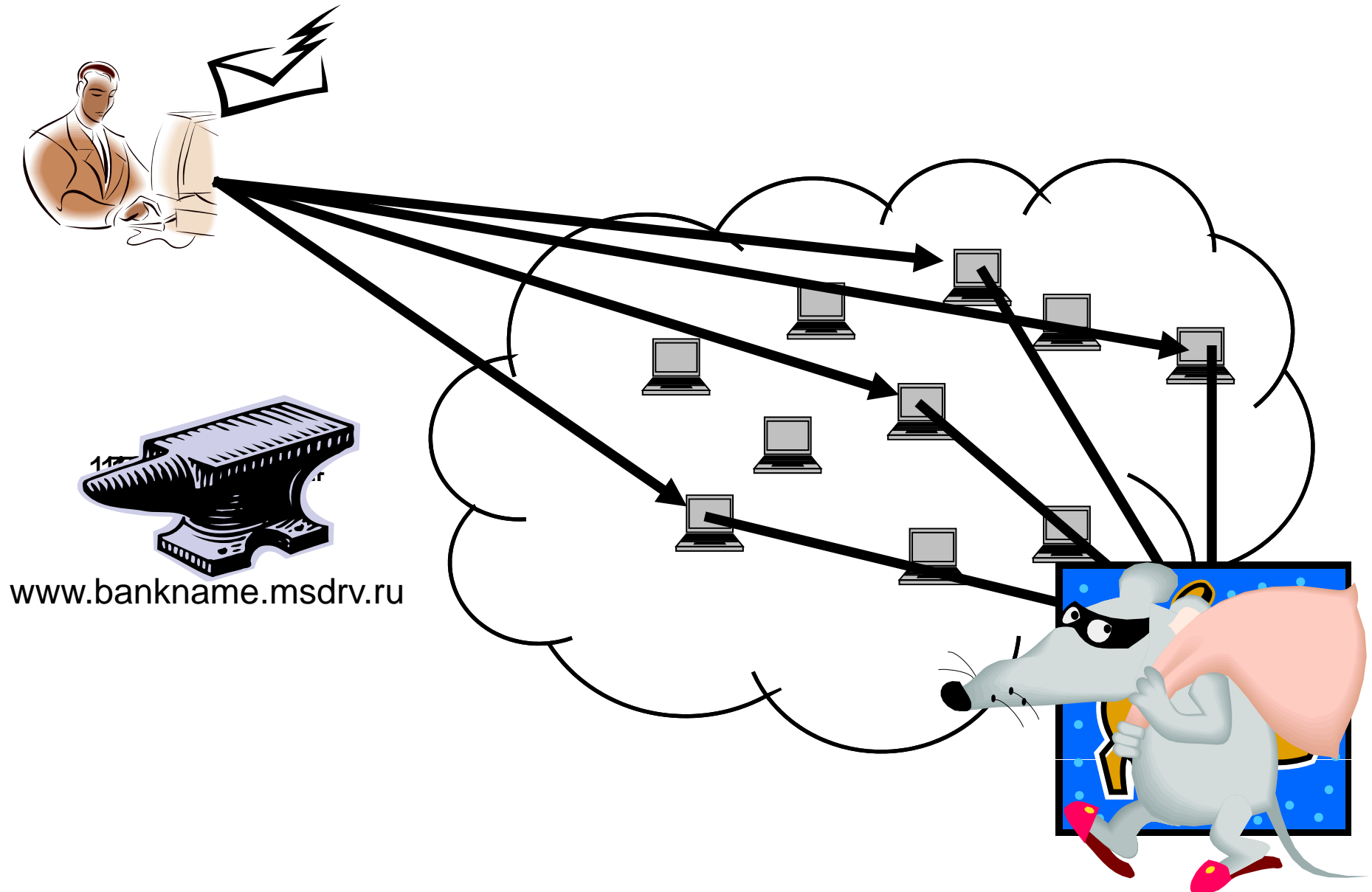
or [Sign up for Facebook](#)

[Forgot your password?](#)

[Deutsch](#) [English \(US\)](#) [Español](#) [Português \(Brasil\)](#) [Français \(France\)](#) [Italiano](#) [العربية](#) [हिन्दी](#) [中文\(简体\)](#) [日本語](#) »

# Fast-flux phishing sites

---





## Welcome to Military Bank Online

### ATTENTION CUSTOMERS

#### Redesign of Military Banking

Welcome Military Bank customers. We have redesigned our site, [www.bankofamerica.com/military](http://www.bankofamerica.com/military), to better assist you in your banking needs. As part of Bank of America's commitment to serving those who serve our country, we are now proud to offer you wonderful new Military Banking products that have been designed especially for active duty military, military retirees, government employees, veterans and their families. Please visit our site to learn more about these new products and to apply.

Username:

Password:





## Fraud Application

Your Progress:

1. Tax Notice Received on e-mail ✓

2. Tax Statement

**Taxpayer ID: 00000143073750US**

**Tax Type: INCOME TAX**

**Issue: Unreported/Underreported Income (Fraud Application)**

Filing and paying your federal taxes correctly and on time is an important part of living and working in the United States.

Please review (download and execute) your tax statement:

[tax-statement.exe](#)

**If the statement is incorrect, contact our Taxpayer Advocate Service.**

# Resolving of fast-flux domain

---

```
rnc1$ dig msdrv.ru
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 44638
;; flags: qr rd ra; QUERY: 1, ANSWER: 8, AUTHORITY: 3, ADDITIONAL: 0
;; QUESTION SECTION:
;msdrv.ru.                IN      A
;; ANSWER SECTION:
msdrv.ru.                 888     IN      A      98.196.238.208
msdrv.ru.                 888     IN      A      173.35.19.22
msdrv.ru.                 888     IN      A      217.127.18.149
msdrv.ru.                 888     IN      A      67.161.113.88
msdrv.ru.                 888     IN      A      71.205.41.75
msdrv.ru.                 888     IN      A      75.21.104.0
msdrv.ru.                 888     IN      A      90.237.176.112
msdrv.ru.                 888     IN      A      97.80.176.248
;; AUTHORITY SECTION:
msdrv.ru.                 345588  IN      NS     ns1.moorcargo.com.
msdrv.ru.                 345588  IN      NS     ns1.nevopanel.com.
msdrv.ru.                 345588  IN      NS     ns1.westdrift.net.

;; WHEN: Wed Sep 22 16:12:16 2010
```

# 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

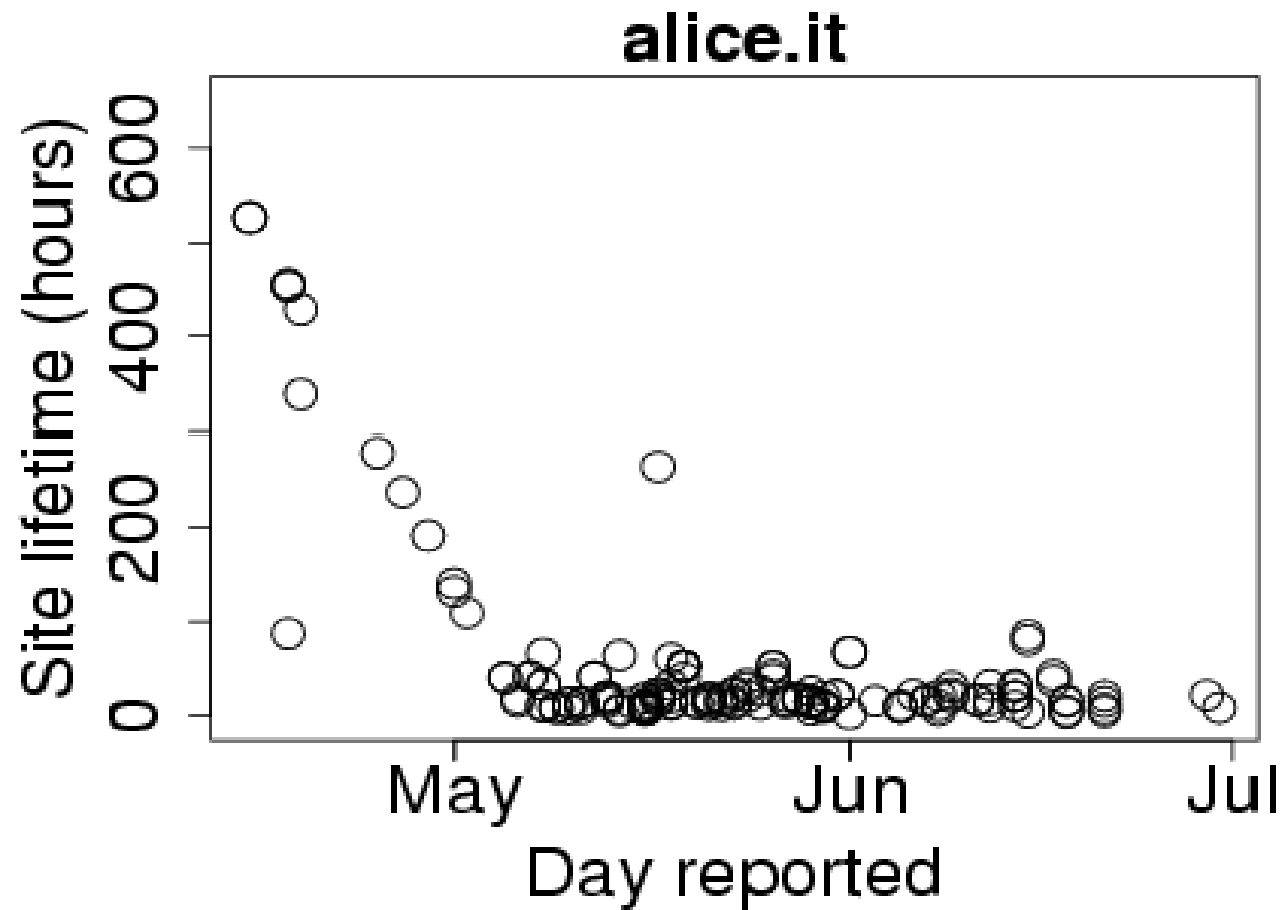
# Why are brand owners “unaware”

---

- 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!

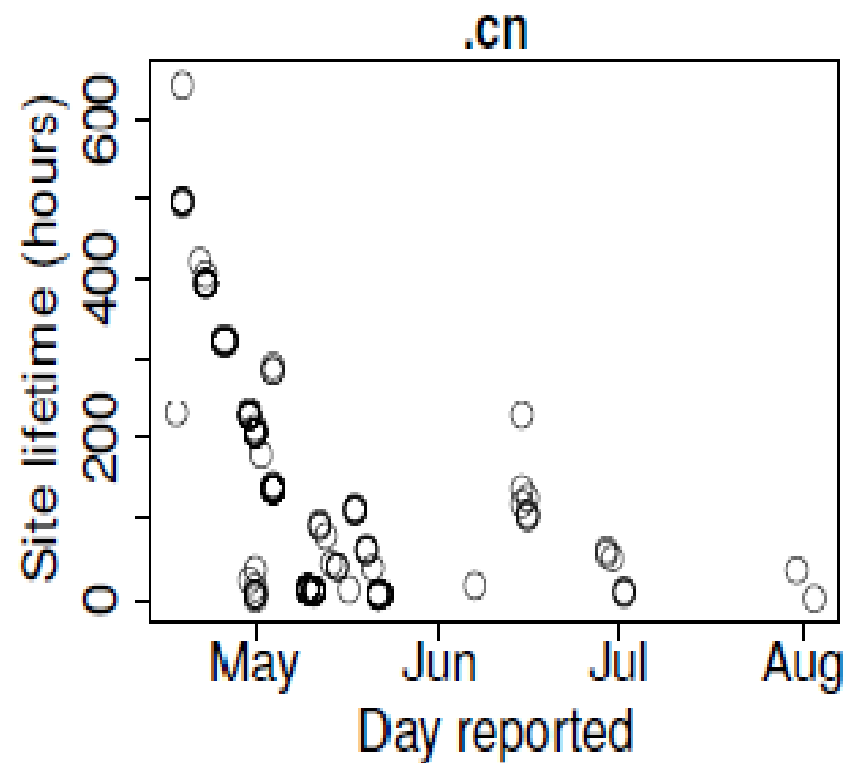
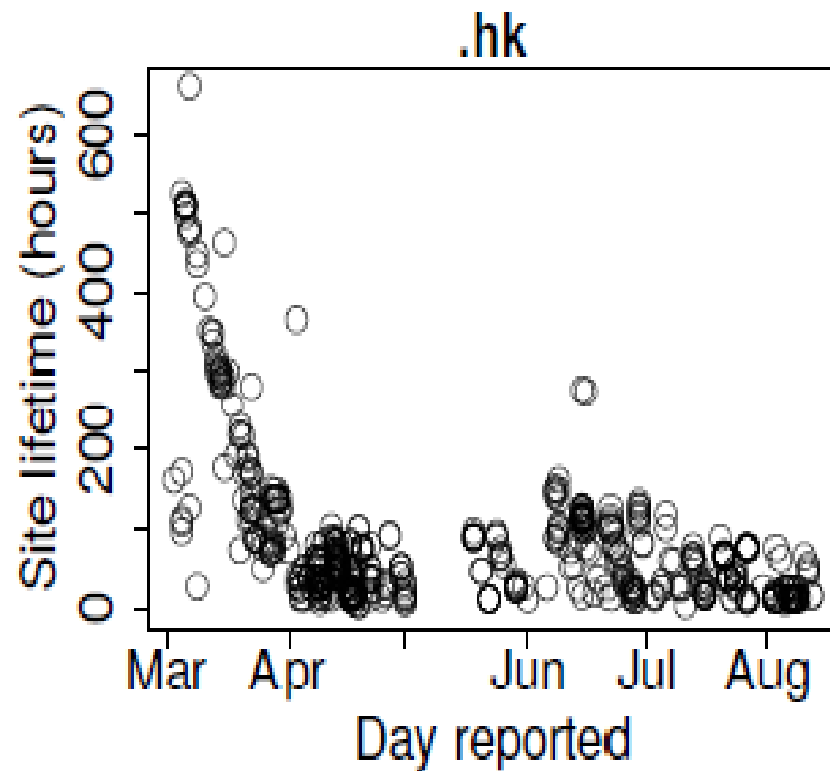
# The gaining of "clue"

---



# Registrars can also have a “clue” issue

---



## How site works?

1. Post and track your vacancies, RFPs and projects
2. Find affordable freelancers or full-time staff
3. Get work done below budget and make profit

## About the Company

Welcome to the world of Outsourcing. Any phenomenon has never been so encompassing and empowering like outsourcing today. Transcending beyond an industry's vertical segments, outsourcing has become the default strategy for all profit conscious organizations that struggle to retain their winning streak and high profitability.

Today's business world scenario is more competitive than it used to be in the past. There is an increasing realization that wisdom lies both in consolidating the core competency functions and in outsourcing the supplement. We are the online services marketplace in USA and Australia. Our goal is to empower businesses with the absolute freedom of choice as where to outsource the business needs to maximize the competitive advantage. We believe that money saved due to outsourcing can be effectively and successfully utilized to focus more on strategic and core businesses functions.

## Our service

IT Programmers

- Customer Services
- Call Centers

## Authorization

Enter to partners area.

Login: \*

Password: \*

Login

[Registration](#) [Forgot password?](#)

## Latest projects

- [Freelance Wordpress Integration](#)  
21 September 2010
- [iPhone Developer Needed - Quick Project](#)  
21 September 2010
- [Freelance writer](#)  
21 September 2010
- [Ongoing freelance designer to join team](#)  
21 September 2010
- [Proofreading, posting and linking on Wikipedia](#)  
21 September 2010

## Payment Processing Assistant

AVAILABLE

Location: Nationwide, USA, Canada (This vacancy is open to legal residents of the USA and Canada ONLY)

Status: Open

Employee Type: Part-Time, Full Time opportunities available upon request

Number of employees required: 3

Candidate Requirements:

- 18 years old and have the legal right to work within the USA
- internet access (broadband preferred)
- availability by phone
- a bank account to process payments
- no criminal offense or convictions

### New!!! Higher paying opening

Are you a small business owner, married to someone who is, or do you otherwise possess a business checking account for payment processing with us? If so, you may be qualified for our Payment Processing Agent (PPA) Tier 2 Position, for which we invite you to apply.

Our Tier 2 employees will work with larger transactions, and therefore have much higher weekly earnings which begin to accrue from the moment that you are hired.

Here is something for your consideration. Please refer to [LINK](#), which explains in details what Tier 2 position is all about!

If you're interested in a Tier 2 PPA position, please indicate your interest prominently on your contact form, either in the subject line of your response, or in the box where it asks the position for which you are applying.

## Authorization

Enter to partners area.

Login: \*

Password: \*

Login

[Registration](#) [Forgot password?](#)

## Latest projects

- [Freelance Wordpress Integration](#)  
21 September 2010
- [iPhone Developer Needed - Quick Project](#)  
21 September 2010
- [Freelance writer](#)  
21 September 2010
- [Ongoing freelance designer to join team](#)  
21 September 2010
- [Proofreading, posting and linking on Wikipedia](#)  
21 September 2010
- [Freelance Senior Web Developer – HTML, CSS, JavaScript](#)  
21 September 2010
- [AS3/Flash/Flex freelancer for Simple Photo editor app.](#)  
21 September 2010
- [Various roles for London based Freelancers only!](#)  
21 September 2010
- [Cartoon Animated Corporate Video 2D - 3 min](#)  
21 September 2010
- [PHP Web Service - Google Calendar API](#)  
21 September 2010



## **DUTIES**

We are searching for employees to process payments coming from our clients. Certe Group Inc. will provide an agent with detailed instructions as in regard to payment processing operations, including sender full name and amount total for each separate case. When funds enter employee's bank account, Payment Processing Agents duty is to withdraw cash and transfer the funds via International Wire Transfer or Western Union/Money Gram money transfer systems. The main advantage of our services is the shortest possible time within which the seller can receive money for the services/goods sold. If this operation is delayed, our clients are entitled to cancel their contract with us and we suffer financial loss. Therefore, successful applicant must be very responsible and careful!

## **TRIAL PERIOD POLICY**

Successful applicants are offered the position on a probationary period basis (1 month). This is the period when a new employee will be trained and receive online support while working and being paid. A personal supervisor can recommend termination during/after the trial period depending on agent's activity. New employee should be responsible and strictly follow supervisor's recommendations to pass the Probationary Period successfully and be employed by us on a regular basis.

## **SALARY**

During the probationary period we offer £1,500 monthly salary plus 8% commission for each payment processing operation. For example, an average £5,000 payment will entail £400 commission (but WU/MG fee is paid from this money, please see below for more details). Furthermore, we offer £50 bonus for each transaction completed by 11 o'clock (local time). With the current number of clients, on average, your overall income will amount to up to £4,000 per month. A successful agent may ask for additional tasks and earn more. After the probationary period, base salary goes up to £1,800 per month plus 8% commission. Base salary (£1,500) will be transferred at the end of the month to employee's bank account via Direct Deposit. Commission (8%) is to be deducted from the processed money at the time of the transfer.

# Mule recruitment

---

- Proportion of spam devoted to mule recruitment shows that this is a significant bottleneck
- Trend towards avoiding websites, but 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	✓	Mar-Apr 07	11	721	1050
Aegis Capital	✓	Apr-May 07	11	292	311
Sydney Car Centre	x	Jun-Aug 07	14	171	170
Harvey Investment	✓	Sep-Oct 07	5	239	171
Cronos Investment	x	Oct-Nov 07	12	214	200
Waller Truck	✓	Nov-Feb 08	14	237	3




**AIR  
TRANSPORT**

[▶ READ MORE](#)



**SEA  
SHIPPING**

[▶ READ MORE](#)



**TRUCKING  
DELIVERY**

[▶ READ MORE](#)



## ABOUT OUR COMPANY



### For Buyers



Receive the merchandise before the seller is paid

### For Sellers



Protect yourself from credit card and payment fraud

Safe Transport is an independent escrow company with offices in London and Athens. We were born out of the ever increasing need for fast, reliable transactions which would also not exclude the one value that the Internet Community cherishes most: privacy.


Safe Transport is fully licensed and accredited as an escrow company and is subject to compliance with all applicable escrow regulations, including the U.S. Financial and Business Code.



provide online transaction management technology and business shipping serv Search

About 48 results (0.31 seconds)

[Advanced search](#)

 Everything

[More](#)

Show search tools

[Company](#)

Tesko Freight **provide online transaction management technology and business shipping services that facilitate and accelerate B2B, B2C and P2P** e-commerce by ...  
[grasselfr.de/site/company.php](http://grasselfr.de/site/company.php) - [Cached](#)

[Company](#)

Dervo Delivery **provide online transaction management technology and business shipping services that facilitate and accelerate B2B, B2C and P2P** e-commerce by ...  
[heinzpriebe.de/site/company.php](http://heinzpriebe.de/site/company.php) - [Cached](#)

[Company](#)

Collissimo Transport **provide online transaction management technology and business shipping services that facilitate and accelerate B2B, B2C and P2P** ...  
[markweh.de/site/company.php](http://markweh.de/site/company.php) - [Cached](#)

[About US - Amd-Shipping](#)

AMD Shipping **provide online transaction management technology and business shipping services that facilitate and accelerate B2B, B2C and P2P** e-commerce by ...  
[www.amd-shipping.com/about-us.html](http://www.amd-shipping.com/about-us.html) - [Cached](#)

[aa419.org :: View topic - irish-eco-trust-airlines.co.cc](#)

3 posts - 3 authors - Last post: 24 Jul

... AIRLINES **provide online transaction management technology and business shipping services that facilitate and accelerate B2B, B2C and P2P** ...  
[forum.aa419.org/viewtopic.php?t=45710&sid...](http://forum.aa419.org/viewtopic.php?t=45710&sid...) - [Cached](#)

[Company](#)


Online Cargo Shipping **provide online transaction management technology and business shipping services that facilitate and accelerate B2B, B2C and P2P** ...  
[madoareinpola.awardspace.us/company.php](http://madoareinpola.awardspace.us/company.php) - [Cached](#)



"which includes a description of the merchandise, sale price, number of days fo Search

About 3,460 results (0.40 seconds)

[Advanced search](#)

 Everything

More

Show search tools

[Airplanes For Sale - Free Classified Ads - Ultralights to ...](#)

... the transaction, **which includes a description of the merchandise, sale price, number of days for the Buyer's inspection, and any shipping information.** ...

[www.barnstormers.com/uploads/banners/escrow.html](http://www.barnstormers.com/uploads/banners/escrow.html) - [Cached](#) - [Similar](#)

[Online Buyer Protection | Seller Protection | eBay Endorsed Online ...](#)

... the transaction, **which includes a description of the merchandise, sale price, number of days for the Buyer's inspection, and any shipping information.** ...

[www.escrow.com](http://www.escrow.com) > [Solutions](#) > [Escrow Services](#) - [Cached](#) - [Similar](#)

[A Guide to Online Payment Methods Part 1: Escrow.com - Safe ...](#)

... **which includes a description of the merchandise, sale price, number of days for the Buyer's inspection, and any shipping information** etc. ...

[community.tradekey.com/.../A\\_Guide\\_to\\_Online\\_Payment\\_Methods\\_Part\\_1\\_Escrowcom.html](http://community.tradekey.com/.../A_Guide_to_Online_Payment_Methods_Part_1_Escrowcom.html) - [Cached](#)

[We offer good protection, both for the seller and the buyer](#)

... the transaction, **which includes a description of the merchandise, sale price, number of days for the Buyer's inspection, and any shipping information.** ...

[faf-transport.co.uk/thrd\\_how\\_it\\_works.php](http://faf-transport.co.uk/thrd_how_it_works.php) - [Cached](#)

[About Us - Gem World, Inc.](#)

... the transaction, **which includes a description of the merchandise, sale price, number of days for the Buyer's inspection, and any shipping information.** ...

[www.gemworldinc.com/about.ihtml](http://www.gemworldinc.com/about.ihtml) - [Cached](#) - [Similar](#)

[NOT WISE TO PAY T/T or PAYPAL -Alibaba Trade Forums](#)

5 posts - 5 authors - Last post: 9 Aug

... **which includes a description of the merchandise, sale price, number of days for the Buyer's inspection, and any shipping information.** ...

[resources.alibaba.com](http://resources.alibaba.com) > ... > [Safe Trading Basics](#) - [Cached](#) - [Similar](#)



ESCROW.COM™

SECURE ONLINE TRANSACTIONS

SOLUTIONS

COMPANY INFO

CONTACT US

SUPPORT

### Start an Escrow Now!

New User?

**Register**

Returning User?

My email address is

(e.g. name@domain.com)

My password is

**Sign In**

Remember me.

[Forgot your password?](#)

### How It Works

Internet fraud costs victims millions of dollars each year. Protect yourself with Escrow.com! We protect both the buyer and seller with a simple, 5-step trust process.

[Read How It Works...](#)

## Escrow.com Protects Online Buyers and Sellers from Fraud

### For Buyers

Receive merchandise before the Seller is paid.

### For Sellers

Protect yourself from credit card and payment fraud.



- [Why use Escrow?](#)
- [How does Escrow work?](#)
- [How do I pay?](#)
- [Why can't I receive emails from Escrow.com?](#)
- [Other Frequently Asked Questions](#)
- [Security Tips - Please Read](#)

### [Fraud Site Information Center](#)

- All Escrow.com web pages are secure and begin with https://
- **Never download or open** a file or picture from someone you don't know
- Escrow.com does **NOT send emails** with payment or shipping instructions.

# 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!



Search products by name

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z



Your cart: **\$0.00** (0 items)

**Proceed to Checkout »**

**PAIN RELIEF**

- › Vicodin ES
  - › Hydrocodone
  - › Percocet
  - › Lortab
  - › Darvocet (Proxyvon)
  - › Soma (Carisoprodol)
  - › Tramadol (Ultram)
  - › Codeine
  - › Codeine+ Ibuprofen
- View all products**



**VIAGRA + Cialis**  
 10 pills x 100 mg      10 pills x 20 mg

**\$64.95**  
 +4 free viagra



**Viagra**



**\$0.90**  
 Buy now

ED treatment

**Cialis**



**\$1.40**  
 Buy now

ED treatment

**Vicodin ES**



**\$4.40**  
 Buy now

Your best pain killer

**Soma**



**\$0.70**  
 Buy now

Muscle relaxant

**Today's Bestsellers**

**ANTI-ANXIETY**

- › Anti-Anxiety Pack
  - › Xanax
  - › Brand Valium (ROCHE)
  - › Brand Ativan (WYETH)
  - › Klonopin
  - › Atarax
  - › Valium (generic)
- View all products**

**ADHD Treatment**

- › Brand Ritalin
  - › Adderall
- View all products**

**WEIGHT LOSS**

- › Phentermine

**Vicodin ES** | Price: **\$4.40**



Vicodin ES is in a group of drugs called narcotic pain relievers.

**Add to cart**

**Hydrocodone** | Price: **\$4.40**



Hydrocodone is used for pain relief.

**Add to cart**

**Percocet** | Price: **\$5.50**



Percocet, a narcotic analgesic, is used to treat moderate to moderately severe pain.

**Add to cart**

**Adderall** | Price: **\$5.00**



Adderall is a central nervous system stimulant.

**Add to cart**

**Phentermine** | Price: **\$2.85**



Phentermine is an appetite suppressant. Phentermine K-25 is manufactured in the U.S.

**Add to cart**

**Brand Ritalin** | Price: **\$4.30**



Ritalin (Methylphenidate) is a medication prescribed for children with an abnormally high level of activity or with attention-deficit hyperactivity disorder (ADHD).



ing" "blood pressure/cholesterol" "gums new!"

Search

[Advanced Search](#)

Web [+ Show options...](#) Results 1 - 10 of about 56,300 for "[Anti-allergic/asthma](#)" "[dental whitening](#)" "[blood pressure/cholesterol](#)"

[Leadmedic. Online Pharmacy. Generic Viagra, Cialis.](#)

By category, Anti-Acidity, **Anti-Allergic/Asthma**, Anti-Depressant/Anti-Anxiety ... Antibiotics, Bestsellers, **Blood Pressure/Cholesterol**, Body-Building, **Dental Whitening**, Erectile Dysfunction, Female Enhancement, General Health, **Gums New!** ...

[leadmedic.com/](#) - [Cached](#) - [Similar](#)

[Generic Propecia - Anti-Allergic/Asthma](#)

**Anti-Allergic/Asthma!** Buy Propecia Online! Super Sale. ... **Gums New! Blood Pressure/Cholesterol** · Anti-Depressant/Anti-Anxiety · Male Enhancement ...

[genericpropecia.biz/group.php?group\\_id=2227](#) - [Cached](#)

[Pharmacy | Dental Whitening | DRUGS](#)

**Anti-Allergic/Asthma** · Anti-Depressant/Anti-Anxiety ... **Dental Whitening.** Professional Plasma Tooth Whitening Kit. Our price: \$79.04 ...

[4ahealthyheart.com/group/dental\\_whitening.html](#) - [Cached](#)

[Online Pharmacy. Buy cheap drugs. » Gums New](#)

Archive for the **Gums New** Category .... Posted in Anti-Acidity, **Anti-Allergic(Asthma)**, Anti-Depressant/Anti-Anxiety, Anti-Diabetic, Anti-Fungus, Anti-Herpes, ...

[www.rxmedicine.co.uk/category/gums-new/](#) - [Cached](#)

[Buy Prednisone - Anti-Allergic/Asthma](#)

**Anti-Allergic/Asthma!** Buy Prednisone Online! Lowest Prices and Satisfaction Guaranteed! Super Sale. ... **Blood Pressure/Cholesterol** ...

[buyprednisone.biz/group.phtml?category\\_id=2784](#) - [Cached](#)

[Hoodia Weight Loss Gum](#), [Rimonabant](#)

### Women's Health

[Female Viagra](#), [Female Passion Strips](#), [Alesse](#), [Aygestin](#), [Plan B](#), [Ortho Tri-Cyclen](#), [KamaSutra Dotted Condoms](#), [KamaSutra Ribbed Condoms](#), [KamaSutra Contoured Condoms](#), [KamaSutra SuperThin Condoms](#), [KamaSutra LongLast Condoms](#), [KamaSutra Intensity Condoms](#), [Nolvadex](#), [Nymphomax](#), [Testosterone Booster Patch](#), [Yohimbe-1200](#), [Soothenol](#), [Xeloda](#), [Zelnorm](#), [Mycelelex-G](#), [Menosan](#), [Evista](#), [Parlodel](#), [Saw Palmetto](#), [Didronel](#), [Levlen](#), [Shoot](#), [Gyne-Lotrimin](#), [Fluoxetine](#), [Premarin](#), [Prometrium](#), [Sarafem](#), [Ponstel](#), [Herbal Testosterone](#), [Provera](#), [Breast Enhancement Gum](#), [Female Libido Patch](#), [High Absorption Magnesium](#), [Estrace](#), [Acyclovir](#), [Femcare](#), [Danazol](#), [Femara](#), [Lynoral](#), [Evecare](#), [Arimidex](#), [Fosamax](#), [Menopause Gum](#), [Dostinex](#), [Lukol](#), [Head Strong](#), [Mircette](#), [Clomid](#), [Serophene](#), [Yasmin](#)



[Click here for details](#)



Approved by  
American Drug Administration



To all countries  
To all destinations




Your transaction  
is Secure!



[Click here for details](#)

VeriSign Secure Site - Windows Internet Explorer

http://www.official-medicines.name/checker2.php



## official-medicines.name is a VeriSign Secure Site

Security remains the primary concern of on-line consumers. The VeriSign Secure Site Program allows you to learn more about web sites you visit before you submit any confidential information. Please verify that the information below is consistent with the site you are visiting.

Name	<i>official-medicines.name</i>
Status	<b>Valid</b>
Validity Period	30-NOV-05 - 11-JUN-09
Server ID Information	Country = CA State = British Columbia Organization = Canadian Pharmacy Inc. Organizational Unit = Pharmacy On-line Store Organizational Unit = Terms of use at www.safescrypt.com/rpa (c) 03 Organizational Unit = Authenticated by Safescrypt Limited Organizational Unit = Member, VeriSign Trust Network Common Name =official-medicines.name

Advanced Laboratories Inc



INDUSTRY LEADER  
IN MEDICAL ADVANCEMENT



# Penis Enlarge Patch Rx

AMAZING MEDICAL BREAKTHROUGH IN PENIS ENLARGEMENT

- Home
- How it works
- FAQs
- Testimonials
- Order NOW!



**60%** of women said they were **unhappy** with their lover's penis size!

Introducing the Newest, Safest, and Most Advanced Solution in Penis Enlargement, Anywhere!  
**100% Guaranteed!**



## Does Size Matter?

**CLICK HERE**  
for our  
Limited Time Offers

2/3 of women are unhappy with their lover's penis size!

Now you have a truly amazing option for effective and intense penis enlargement: The **Penis Growth Patch Rx**.

You can dramatically enlarge your penis length and width to sizes you previously thought are impossible! And it is fast: gain incredible penis girth and length in just a few weeks time!



"Now you have a truly amazing option for effe

Search

[Advanced Search](#)

Web [+ Show options...](#) Results 1 - 10 of about 195 for "Now you have a truly amazing option for effective and intense penis enlarg

[Penis Enlarge Patch Rx | herbal penis enlargement product ...](#)

**Now you have a truly amazing option for effective and intense penis enlargement:** The Penis Growth Patch Rx. You can dramatically enlarge your penis length ...

[www.penisenlargepatchrx.com/](http://www.penisenlargepatchrx.com/) - [Cached](#) - [Similar](#)

[Discontinued Products | Replacement for Discontinued Products ...](#)

**Now you have a truly amazing option for effective and intense penis enlargement:** The Penis Growth Patch Rx. Penis Enlarge Patch gives permanent penis ...

[www.bellezaydietas.com/theproducts.cfm?cat=106&master...](http://www.bellezaydietas.com/theproducts.cfm?cat=106&master...) - [Cached](#)

[American Lifestyles](#)

**Now you have a truly amazing option for effective and intense penis enlargement:** The Penis Growth Patch Rx. Penis Enlarge Patch gives permanent penis ...

[www.usaproducte.com/show.cfm?owner=104&theproduct=8168](http://www.usaproducte.com/show.cfm?owner=104&theproduct=8168) - [Cached](#)

[\[ Translate this page \]](#)

**Now you have a truly amazing option for effective and intense penis enlargement:** The Penis Growth Patch Rx. Penis Enlarge Patch gives permanent penis ...

[www.usashop.ch/theproducts.cfm?cat=106&master=8168...](http://www.usashop.ch/theproducts.cfm?cat=106&master=8168...) - [Cached](#)

[\[ Translate this page \]](#)

**Now you have a truly amazing option for effective and intense penis enlargement:** The Penis Growth Patch Rx. Penis Enlarge Patch gives permanent penis ...

[www.fun-lifestyle.com/theproducts.cfm?cat=106&master...](http://www.fun-lifestyle.com/theproducts.cfm?cat=106&master...) - [Cached](#)



[Views Cart](#)- [user center](#)-[Orders](#)-[Help?](#)-[Feedback](#)-[Add to favorite](#)

[Home](#) [Categories](#) [Brands](#) [Help?](#) [News](#) [Quotation](#) [Invoice](#) [register](#)

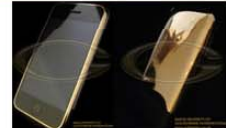
Search  Categories  name   KEYWORD, Nokia, n96, nokia, iphon,

**User Information**

User name:  
  
Password:

Shopping Cart(0)  
Comparison(0)

**Last Viewed:**



**Apple Iphone 3G 16GB**  
Price:€108EUR



APPLE IPHONE 8GB

Home >> Mobile >> apple >> APPLE >> Apple Iphone 3G 16GB



**Apple Iphone 3G 16GB**

Brand:APPLE  
No.:082312017  
Market Price:€200EUR  
Member Price:€108EUR  
Get Off:€72EUR  
Rank: ★★★★★  
goods integral:258  
goods click count:339

Qty:

**Prev:**APPLE IPHONE 8GB  
**Next:**SONY ERICSSON Z770I (FREE ORIGINAL CAR CHARGER WITH PURCHASE)

[Details](#) [Related](#) [Comment](#) [Payment](#) [Shipping](#)

[Album of goods](#)

The 16gb Apple iPhone Apple has combined three amazing products — a widescreen

**QUICK LINK**

[Sign in](#)  
[Register](#)

Service



Service



[TOP](#)



### [New Apple Iphone 16 Gb 3 G Unlocked](#)

**NEW APPLE IPHONE 16GB 3G UNLOCKED** Product Includes **Apple iPhone 3G 16GB**  
Officially Unlocked Apple Earphones with Remote and Mic Dock Connector to USB Cable ....

[Add to Shopping List](#)

**\$539.99** new

[Bonanzle](#)



### [APPLE IPHONE 3G 16GB GSM UNLOCKED QUAD BAND BLUETOOTH BLACK](#)

**APPLE IPHONE 3G 16GB GSM UNLOCKED QUAD BAND BLUETOOTH BLACK.**

[Add to Shopping List](#)

**\$579.99** new

[ElectronicsForce.com](#)



### [APPLE IPHONE 3G 16GB GSM UNLOCKED QUAD BAND BLUETOOTH WHITE](#)

**APPLE IPHONE 3G 16GB GSM UNLOCKED QUAD BAND BLUETOOTH WHITE.**

[Add to Shopping List](#)

**\$579.99** new

[ElectronicsForce.com](#)



### [Apple iPhone 3G - 16GB](#)

... GPS mapping, support for enterprise features like Microsoft Exchange, and the new App Store, iPhone 3G puts even more features at your fingertips.

[Add to Shopping List](#)

**\$588.00** new

[Star Mobile Shop](#)



### [NEW UNLOCKED Apple IPHONE 3G 16GB](#)

General 2G Network GSM 850 900 1800 1900 3G Network HSDPA 850 1900 2100 Announced 2008, June Status Available. Released 2008, July Size Dimensions 115.5 x ...

[Add to Shopping List](#)





**\$595.99** new

Free shipping

[Bonanzle](#)



**All customers may use the following payment options:**

 	<p>We accept VISA® or MasterCard® credit or debit card by only country(Austria, Australia, Canada, Germany, France, United Kingdom, Ireland, Netherlands, Norway, New Zealand, Sweden, United States)</p> <p>Pay Online: <a href="http://www.westernunion.com/info/selectCountry.asp">http://www.westernunion.com/info/selectCountry.asp</a></p> <p>- Name: - City: - Country:</p>
	<p>Dear friend, If you want to use paypal , please contact us directly through MSN or Mail. Thank you.</p>
	<p><b>Bank Information:</b></p> <p>- Bank Name: - Address : - A/C Holder's Name: - A/C No.:</p>

## cygjsf.com



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

Are you the owner of this site? [Leave a comment](#)

Contact information:

Popularity



A few users

Advertisement

McAfee SECURE™ Shopping

Your secure shopping destination.

ALL SITES ARE  
McAfee SECURE

Shop now

McAfee

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



E-MAIL TESTS FOR CYGJSF.COM: ?



DOWNLOAD TESTS FOR CYGJSF.COM: ?



ONLINE AFFILIATIONS FOR CYGJSF.COM: ?


Linked to green sites



**Gast**    dinsdag 9 jun 2009, 11:29

Ik zou daar niets van kopen als ik u was. zo'n sites heb ik nog gezien. ga eens kijken naar de moto's. op die site (www.cygjsf.com) een suzuki R6 aan 2100 euro die afgeprijsd is tot 1750 euro bestaat niet (zo een moto kost 10 000euro)Je kan niet eens via paypal bestellen dus da zegt genoeg ;) Western union is niet gemaakt om online te kopen. ;)



Dit antwoord is als volgt beoordeeld: 0   0

[quote deze reactie](#)

waarschuw redactie 



**Gast**    zaterdag 24 okt 2009, 17:00


venerdì 15 maggio 2009

ATTENTION NEW FRAUD www.cygjsf.com IS A SCAM



ATTENTION NEW FRAUD www.cygjsf.com IS A SCAMDO NOT SEND MONEYI HAVE PROOFS MYSELF, YOU CAN CONTACT ME TO OPEN A BLOG TO HELP EVERYBODYITALIAN POLICE THEY HAVE ALREADY THE INFO

Publicato da Francesco a 7.38

Dit antwoord is als volgt beoordeeld: 0   0

[quote deze reactie](#)

# Pills, Penises and Photography

---

- Canadian Pharmacy &c
  - has been 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”



## 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](#)



# Flemings Merchant Bank

Providing a diversified line of financial service

- Home
- Services
- Investor Relation
- Online Banking
- Apply Online
- About Us
- Contacts

## Welcome to Flemings Merchant Bank

**Login to your account**

Id Number

Password

Pin

**SUBMIT** →

**Not register yet ?**

■ Manage your deposits account online, 24 hours a day, 7 days a week wherever you have Internet access — FREE with Online Banking

European Indices		
Index	Last	Change

## Flemings Merchant Bank

Providing a diversified line of financial service

We'll meet you where ever you are even if you are not sure what lies beyond the next bend.



For more than 10 years, we have made it our business to understand what moves people in business and in life, using knowledge gained through experience to better manage their risks. With more than 3.8 billion(\$) of assets, Flemings Merchant Bank is highly rated for security and financial strength.

## Welcome to Flemings Merchant Bank

:: Investors ::

**Login to your account**

Id Number

Password

Pin

**SUBMIT** →

**Not register yet ?**

### Flemings Merchant Bank

Providing a diversified line of financial service

We'll meet you where ever you are even if you are not sure what lies beyond the next bend.



Manage your deposits account online, 24 hours a day, 7 days a week wherever you have Internet access — FREE with Online Banking

European Indices		
Index	Last	Change
DJEURO	2504.69	-0.53%
FTSE	4217.4	-0.79%
CAC40	3280.34	-0.92%
DAX	3501.23	-0.09%
IBEX23	7179.8	-0.18%
MIB30	25742	-0.59%
AME	325.81	-0.22%
SWISS	5153.7	-0.63%

Fri, 5 Feb 2010

### Internet Banking

Flemings Merchant Bank's Internet banking facility designed to meet the e-banking needs of our teeming Customers.

### Open a Business Account

Open an account with Flemings Merchant Bank for your Business and benefit from our varied Business Support Services.

### Corporate Finance

Our services cover capital formation and corporate restructuring, financial advisory and privatization.

### Credit & Trade Finance

Flemings Merchant Bank helps businesses with finance for working capital, to purchase inventory or equipment.

Home » Products & Services

## Products & Services



### Internet Banking

Bank PHB's Internet banking facility designed to meet the e-banking needs of our teeming Customers.

[Find out more](#)

### Utility Bills, Duties & Govt. Levies

Bank PHB branches nation-wide accept payment for utility bills, Customs Duties & Other Govt. Levies.

[Find out more](#)

### Open a Business Account

Open an account with Bank PHB for your Business and benefit from our varied Business Support Services.

[Find out more](#)

### Corporate Finance

Our services cover capital formation and corporate restructuring, financial advisory and privatization.

[Find out more](#)

### Credit & Trade Finance

Bank PHB helps businesses with finance for working capital, to purchase inventory or equipment.

[Find out more](#)

### Current Treasury & Sector Rates

Our Specialist Teams offer the following Treasury & Investment Banking services.

[Find out more](#)

Friday, February 05, 2010

[Locate a Branch or ATM](#) | [Log onto Online Banking](#) |

Search  [Google™ Custom Search](#) 

[Send Us Feedback](#) | [FAQ](#) | [Sitemap](#) |



Online Banking  
from



# 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!



**Open An Account**



**Members Login**



**110% AFTER 1 DAY**

## Welcome to Forex-Inv

**Forex-Inv** is an independent private investment club - founded in November 2008. We are an experienced and professional management group with huge knowledge in stock and currency trading.

This financial crisis may be the biggest since the 1930s, but it doesn't mean everybody will lose out. Broadly, those who still have cash are sitting pretty, because the price of almost everything, from property to shares, from cars to petrol, is falling fast. The key to success is: Buy Cheap-Sell High!

Every crisis throws up winners and losers. We offer you a chance to be a winner. We manage your investment and offer reasonable returns.

*We never send spam and hate spammers. [Click here for log out.](#)*

## Reasons to join:

- Minimal risk - maximum profit
- We pay profit 7 days a week
- Support 24/7
- No withdraw minimum

## Details: [Forex-Inv](#)

[Get button code](#)

Our status

**NOT PAYING**

Online	120 days
Listed	120 days
Started	8 Oct 2009
Added	8 Oct 2009

**104-110% after 1 day**  
**108-120% after 3 days**  
**115-140% after 5 days**  
**120-160% after 1 week**  
**130-200% after 1 week**

Deposit Min	\$ 5
Deposit Max	\$ 20,000
Referral bonus	1-8%
DDos protection	Yes
SSL connection	No

[Talkgold Forum](#)  
[MMG Forum](#)

### Comments

Forex-Inv is an independent private investment club - founded in November 2009.

Users rating: **+238**      Total votes: 244 (+241 -3)

Last votes: 

Email:

Good!

Bad!

**Vote!**

# 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



"exempt from the us securities act of 1933"

Search

Advanced Search

Web Show options...

Results 1 - 10 of about 10,300 for "exempt from the us securities act of 1933". (0.32 seconds)

[Disclaimers: GoldRush7 - The FUTURE in HYIP!](#)

This program is a private business transaction **exempt from the U.S. Securities Act of 1933** and all amendments, or The Securities Exchange Act of 1934 and ...

[www.goldrush7.com/disclaimer.htm](http://www.goldrush7.com/disclaimer.htm) - [Cached](#)

[DEL CASTRO](#)

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 ...

[www.delcastro.com/terms.php](http://www.delcastro.com/terms.php) - [Cached](#)

[Terms - highreturnatinvestment.com](#)

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 ...

[highreturnatinvestment.com/terms.html](http://highreturnatinvestment.com/terms.html) - [Cached](#)

[Rules - www.xmas-invest.com](#)

Xmasinvest,inc is absolutely **exempt from the U.S. Securities Act of 1933**, the U.S. Securities Exchange Act of 1934, the U.S Investment Company Act of 1940 ...

[www.xmas-invest.com/?a=rules](http://www.xmas-invest.com/?a=rules) - [Cached](#)

[MySolidInv SUARL | Terms of Service](#)

... and all similar acts of other Jurisdictions, particularly this program is **exempt from the US Securities Act of 1933**, the US Securities Exchange Act of ...

[mysolidinv.com/read\\_page.php?id=9](http://mysolidinv.com/read_page.php?id=9) - [Cached](#)

[Terms Of Use - Liberty Reserve Invest. Liberty Reserve Investment ...](#)

LibertyReserveInvest.com is absolutely **exempt from the U.S. Securities Act of 1933**, the U.S. Securities Exchange Act of 1934, the U.S Investment Company Act ...

[libertyreserveinvest.com/terms.html](http://libertyreserveinvest.com/terms.html) - [Cached](#)

# 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
Number per month	thousands	dozens	many	handful
Trying to hide?	yes	no	no	no
Self-similar	yes	yes	yes	a bit
Removal	banks & experts	vigilantes	vigilantes	vigilantes
Adverts	no	no	no	no



# Evil on the Internet

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

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

