



Non-expert

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Expert

**HUMAN-CENTRED SECURITY**

# Payne & Edwards

- What is the main contribution of the paper?
- What is the methodology?  
Assignment Project Exam Help
- Yee's Guidelines  
<https://powcoder.com>
- What is the conclusion of the paper?
- What do we define usable security as - in terms of a topic or research area - after reading this paper?  
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# Yee

- **Usability and security should not be considered elements that can be added later.** Assignment Project Exam Help
- Often considered ~~https://powcoder.com~~ in balance, but are both fulfilling a common goal: user expectations.  
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- Consider the task and incorporate security decisions into that task.

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<https://powcoder.com>

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**PSEUDO-SECURITY**

# Pseudo-security

- Designers and developers are tasked with considering security and compliance.
- Manifestation? <https://powcoder.com>
  - Security fixes
  - Prompts
  - Configuration screens
- Usability often suffers

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<https://powcoder.com>

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**PSEUDO-USABILITY**

# Pseudo-usability

- Designers and developers tasked with improving the usability of a product.
- Manifestation?
  - Superficial features
  - skins
  - widgets
  - Animation
- Interfaces can mislead or subsume security decisions.

# Secondary Security

- Difficulty arises when the system is not able to determine if the outcome is desirable or not.
- Consider many workflows, security is presented as a secondary task.
  - Workflow disruption
  - Generates undesirable behaviour

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<https://powcoder.com>

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**ADMONITION AND  
DESIGNATION**

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# Guidelines for secure interaction design

These 10 design guidelines are based on the actor-ability framework. Readers might find them helpful in designing and evaluating user interfaces for secure systems.

- *Revocability*. The interface should let the user easily revoke authority that the user has granted, whenever revocation is possible.
- *Expected ability*. The interface should not give the user the impression of having authority that the user does not actually have.

## General principles

- *Path of least resistance*. The most natural way to do a task should also be the safest.
- *Appropriate boundaries*. The interface should draw distinctions among objects and actions along boundaries that matter to the user.

## Communicating with the user

*Trusted path*. The user's communication channel to any entity that manipulates authority on the user's behalf must be unspoofable and free of corruption.

- *Identifiability*. The interface should ensure that identical objects or actions appear identical and that distinct objects or actions appear different.
- *Expressiveness*. The interface should provide enough expressive power to let users easily express security policies that fit their goals.
- *Clarity*. The effect of any authority-manipulating user action should be clearly apparent to the user before the action takes effect.

## Maintaining the actor-ability state

- *Explicit authorization*. A user's authority should only be granted to another actor through an explicit user action understood to imply granting.
- *Visibility*. The interface should let the user easily review any active authority relationships that could affect security decisions.

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<https://powcoder.com>

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# Yee Guidelines

- Path of least resistance.
- Appropriate boundaries.
- Explicit authorisation.
- Visibility.
- Revocability.
- Expected ability.
- Trusted path.
- Identifiability.
- Expressiveness.
- Clarity.

# Payne & Edwards

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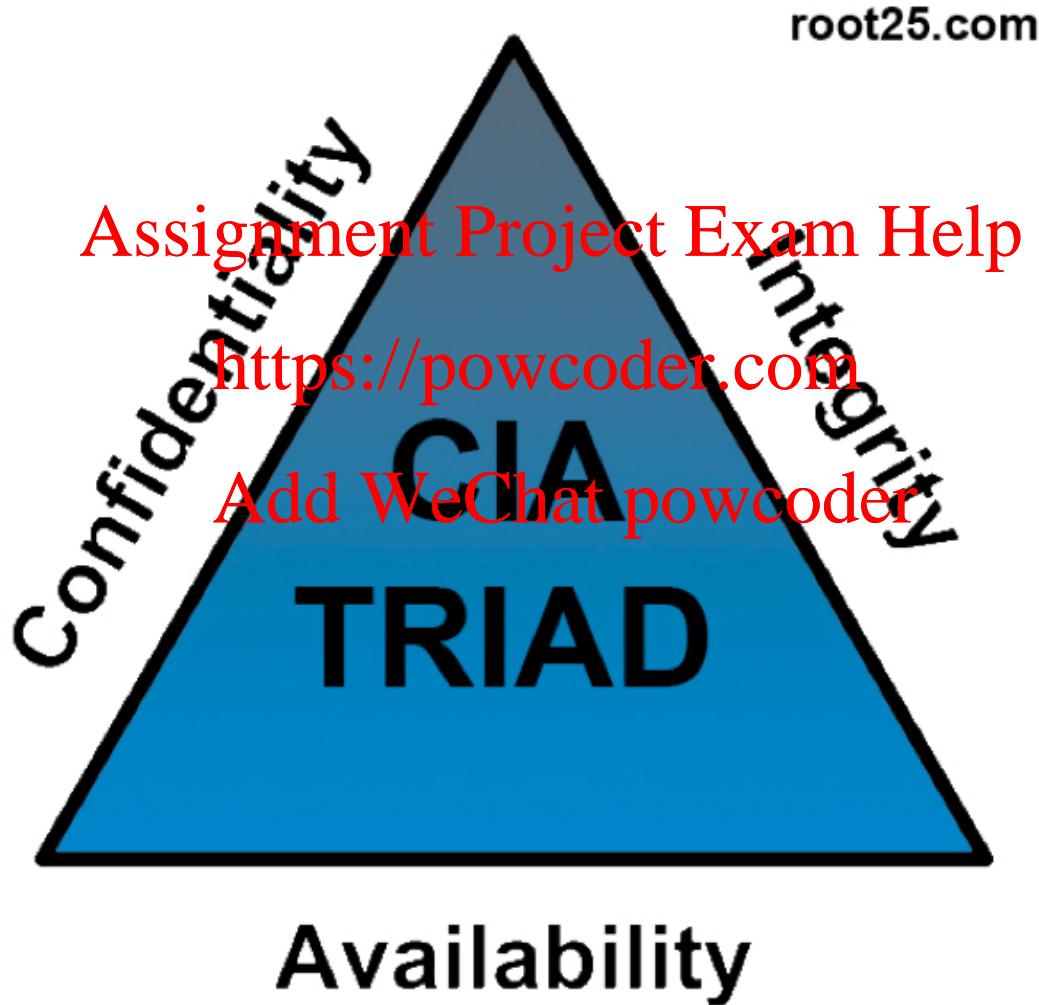
Assignment Project Exam Help

<https://powcoder.com>

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**INFORMATION SECURITY**

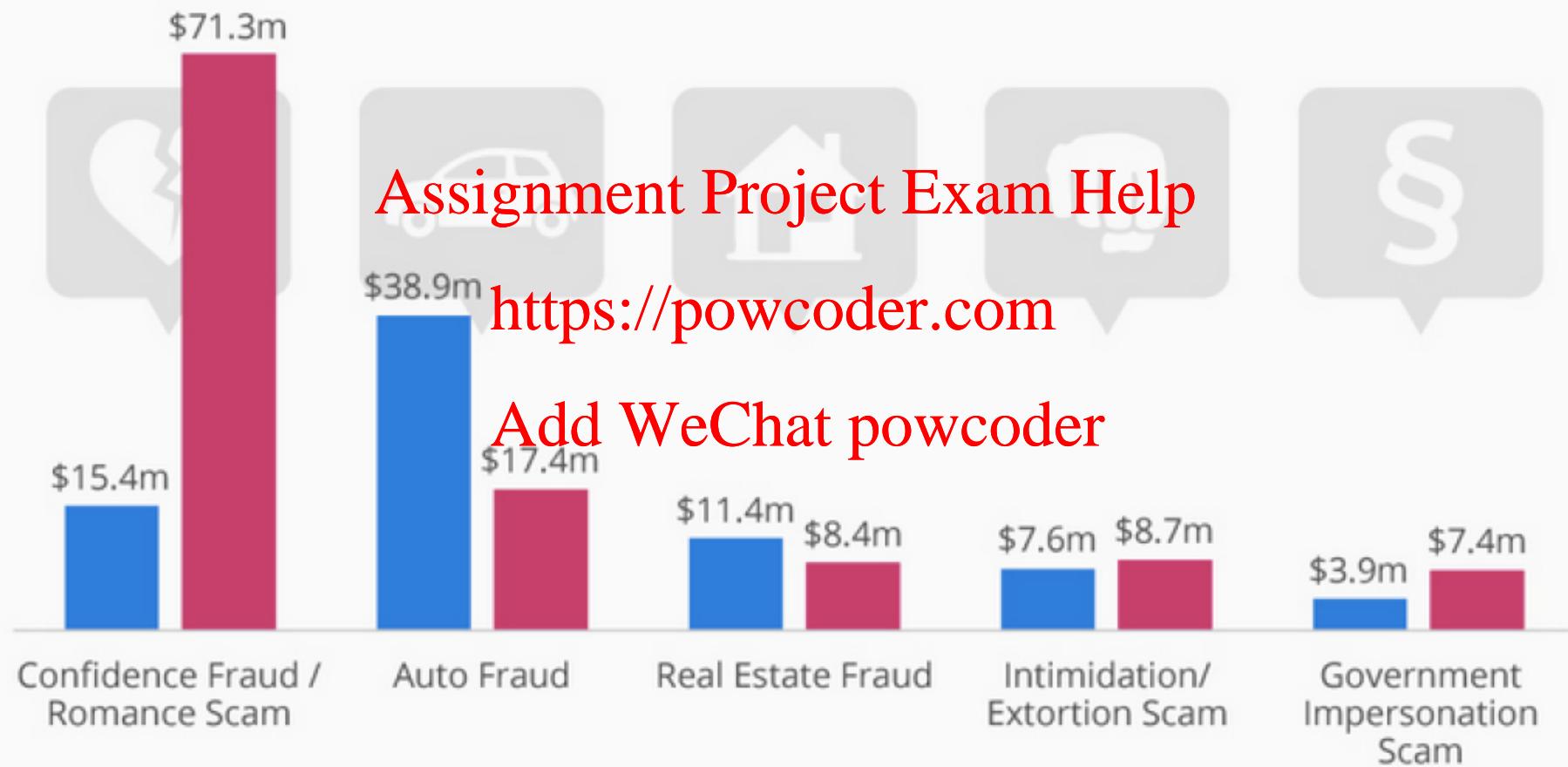
# Cornerstones of Information Security



# Americans Lost Hundreds of Millions to Online Scams in 2014

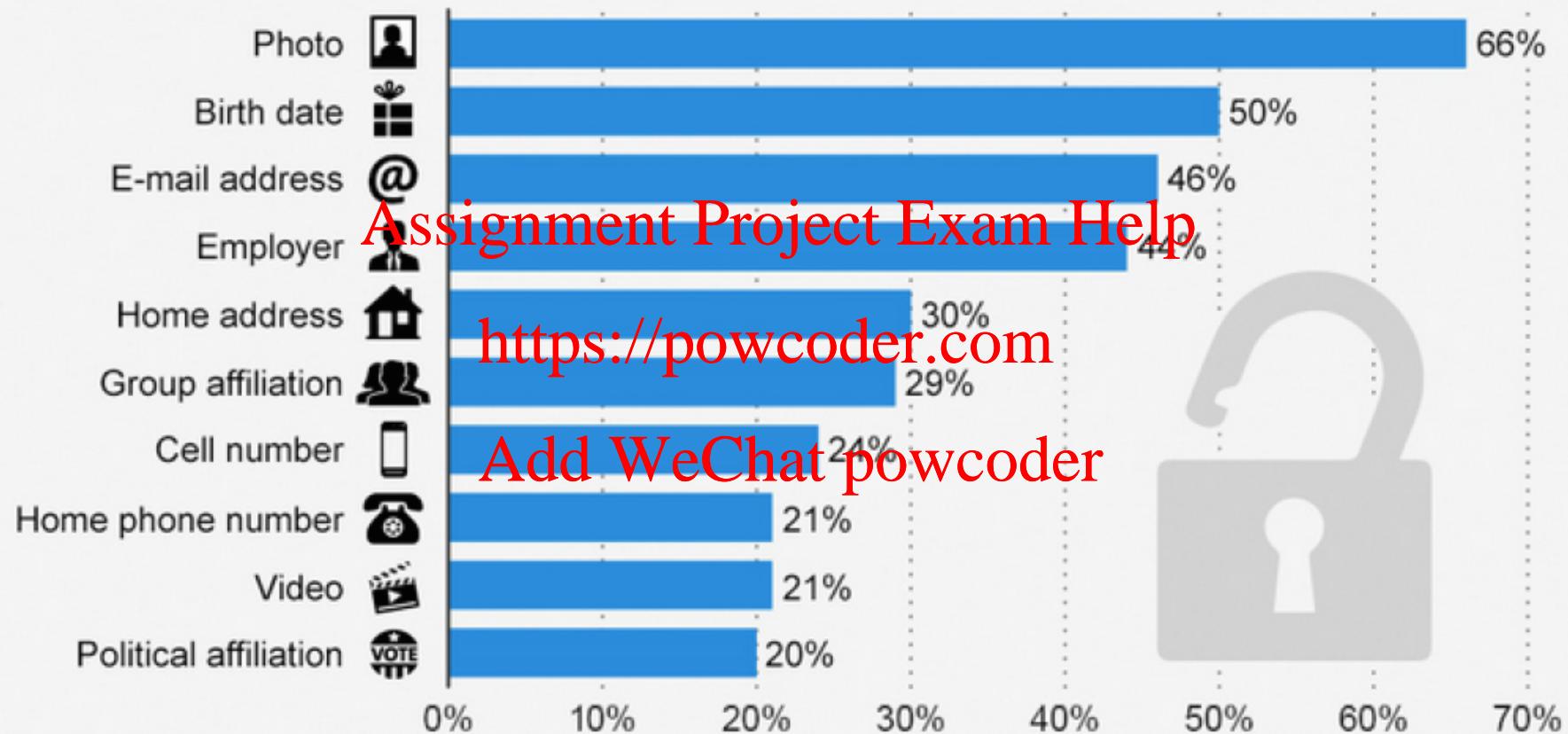
Financial losses suffered by victims of Internet crimes as reported to the FBI in 2014

Male      Female



# 30% of U.S. Internet Users Share Their Home Address Online

% of adult internet users who say this information about them is available online



July 2013; n= 792 adult internet users

# Large-Scale Data Breaches Affect Millions of Users

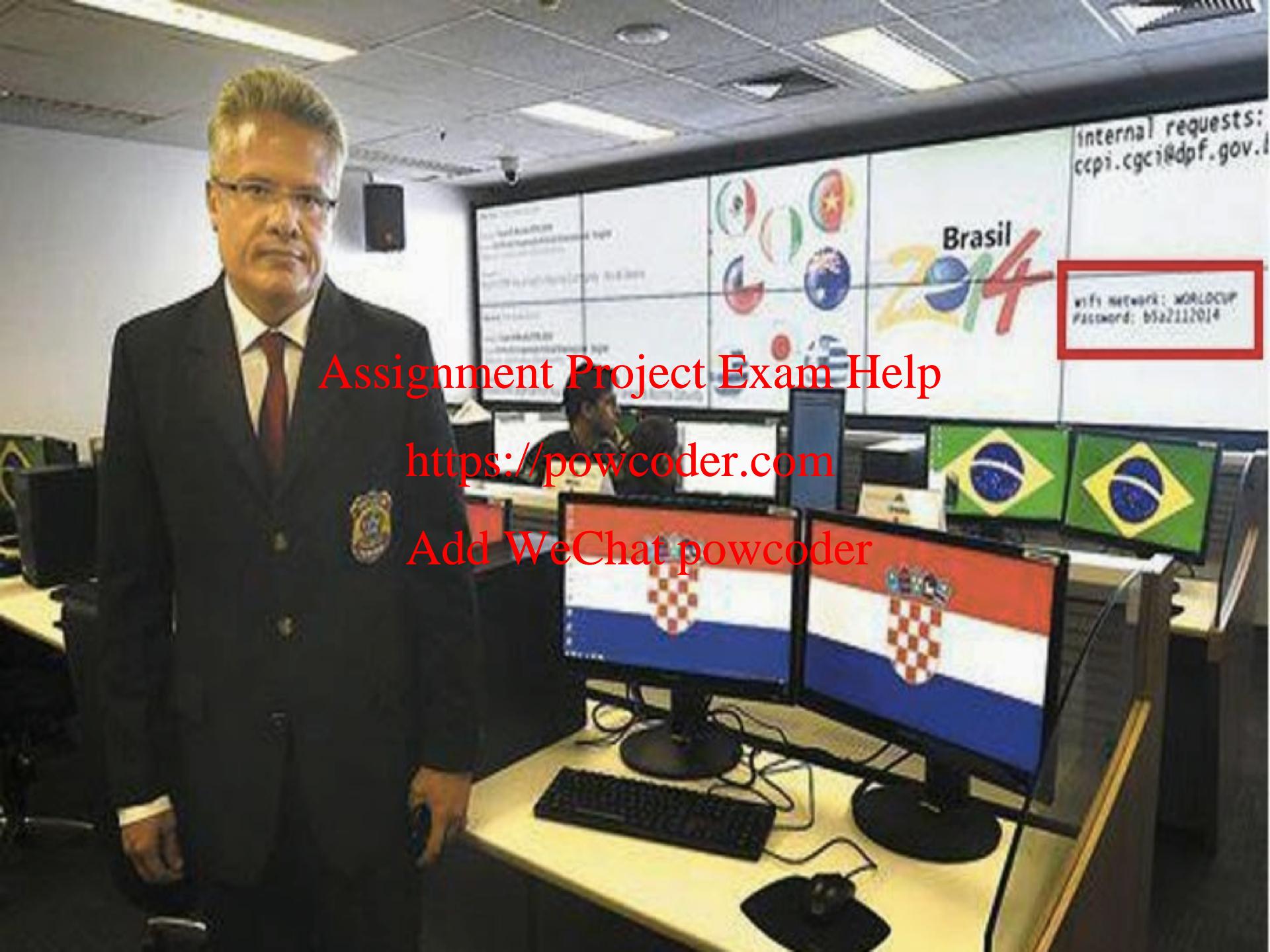
Number of compromised data records in selected data breaches



@StatistaCharts

Source: Media reports

statista

A photograph of a man with grey hair and glasses, wearing a dark suit, white shirt, and red tie, standing in an office environment. He is positioned on the left side of the frame. In the background, there are several computer monitors on desks, each displaying the flag of Croatia. Above the monitors, a large screen displays various national flags and the text "Brasil 2014". To the right, a wall has text including "internal requests: ccpi.cgc1@dpf.gov.br" and a red-bordered box containing "wifI NETWORK: WORLD CUP PASSWORD: b5a2112014".

internal requests:  
ccpi.cgc1@dpf.gov.br

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<https://powcoder.com>

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19:52

GRZIBYSZ →  
ZŁA DO 25.09 → CHRUŚCIAWSKI  
JACEK KRAMSZYK DO 09.09 → IWANICKI  
HALO TAKE : 196-28/506-1234-6  
L-88960, KEM3 - Lotnisko Rzeszów Babice

RESCUE TRACK  
LOGIN: lpx\_duspozj  
RASIO: uFGrmqGY

SICKWEB  
LOGIN: duspozj  
HASŁO: d@w!



# Confidentiality

## RSA's SecurID Breach Started with Phishing Email

By Fahmida Y. Rashid | Posted 2011-04-04

Email

Print

Assignment Project Exam Help

RSA's Art Coviello told analysts that the SecurID attackers used a phishing email with a malicious Excel spreadsheet to penetrate the company's network.

<https://powcoder.com>

The sophisticated attack that breached RSA's defenses and allowed attackers to steal SecurID data appears to have begun as a phishing attack, according to several security analysts briefed by the company. RSA has faced some criticism from about its internal security practices.

During a private call with security analysts, the executive chairman of RSA Security, Art Coviello, revealed some details of how the March 17 security breach happened. During the April 1 call, Coviello also discussed how RSA stopped the incident.

An RSA spokesperson confirmed there had been a call with Coviello and some analysts, but declined to comment on the content of the call.

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# This year – Phishing Again

2014 Gmail



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<https://powcoder.com>

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(Source)

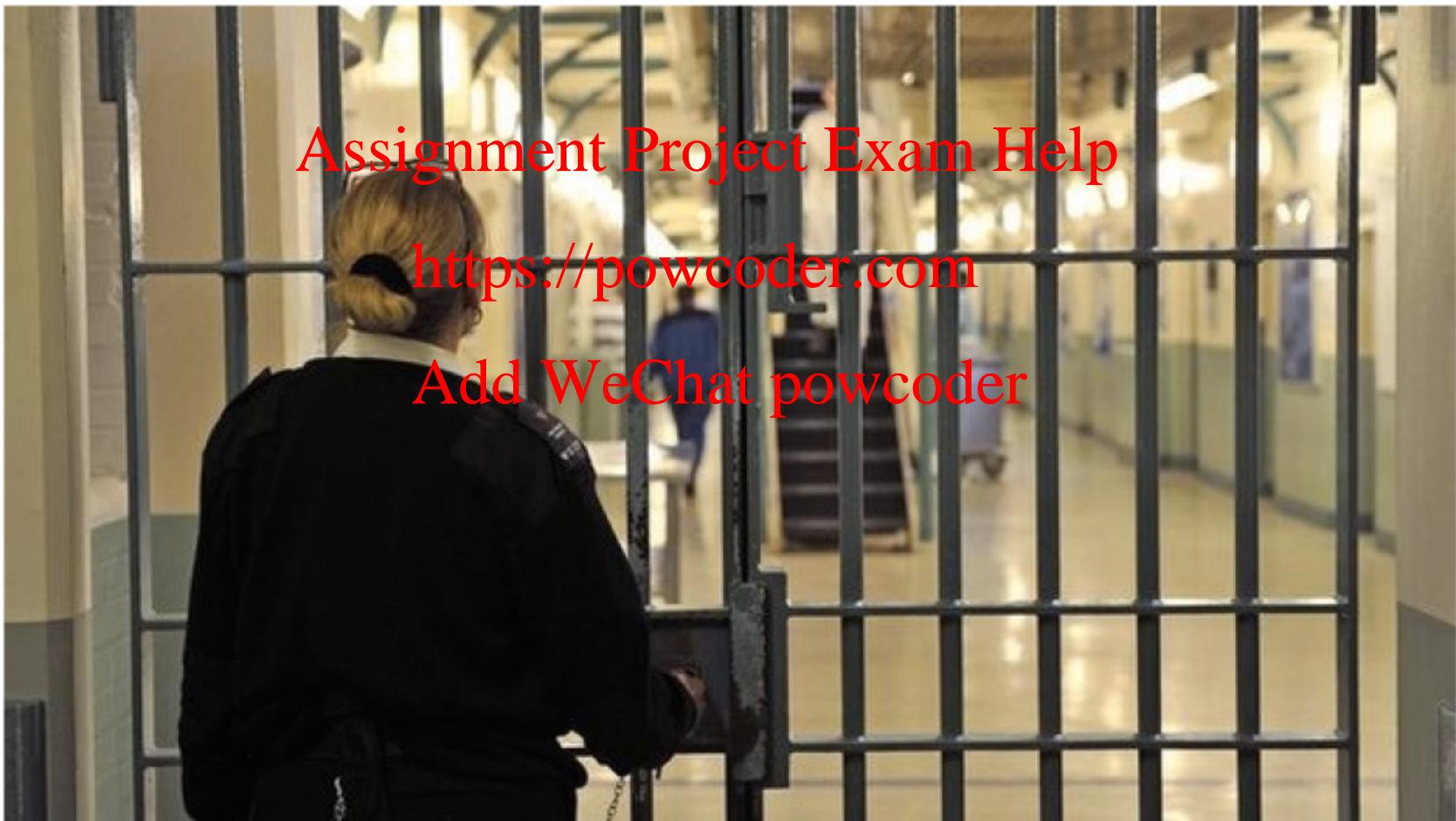
**The Breach:** Russian hackers got their hands on 5 million Gmail user names and passwords, and released them online in September 2014. The compromised information was likely collected via phishing scams.

The Atornath Security experts said that even if your Gmail address appeared on the list, the information was probably out of date and not many people were likely actually affected. For the curious, a secure site called "[Is my email leaked?](#)" popped up where individuals could check the status of their accounts.

26 August 2014 Last updated at 11:44

The Ministry of Justice has been fined £180,000 for "serious failings" in the handling of confidential data.

# Ministry of Justice fined over prison data loss



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The Prison Service failed to instruct staff on how to protect data, the ICO said

# Availability – Employee Error

## What caused the computer failure at Ulster Bank

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Ulster Bank said on Monday it was making progress to deal with the backlog and delays in its payments systems caused by a technology problem at its RBS parent group. The BBC News website looks at how the computer failure happened and what the bank is doing to restore a full service.

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How are transactions usually processed?

Every evening RBS processes that day's transactions across its entire banking businesses, an average of 20m transactions.

They are processed in batches through automated systems. In normal conditions the overnight processing is done before business resumes the following day.



175  
YEARS



Call us today

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[Enter location](#)[Go](#)

Branch/ATM Search

Anytime Internet Banking

[Find out more](#) [Personal Banking](#)[Business Banking](#)[Search](#)[Anytime Banking](#)[Daily Banking](#)[Borrowing](#)[Savings](#)[Insurance](#)[Private](#)

You are here: Welcome to Ulster Bank &gt; In the Republic of Ireland &gt; Useful Information &gt; Thank you for your patience

## Assignment Project Exam Help

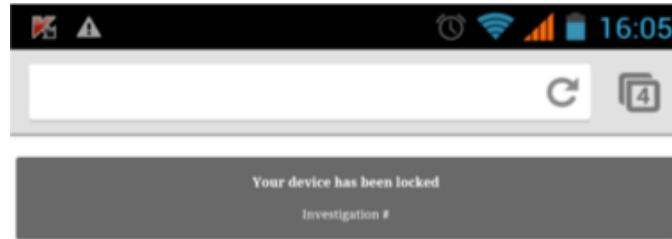
[+ Overview](#)[+ Branches open until 7pm](#)[+ Saturday opening branches](#)[+ Sunday opening branches](#)[+ Bank Charges](#)[+ Contact us](#)[+ Our brochures](#)[+ How to complain](#)[+ Rates, Fees and Charges](#)[+ Thank you for your patience](#)

We have been working to minimize the impact for our customers and customers of other banks and we apologise for the inconvenience.

We will be keeping approximately 50 [Ulster Bank branches open today](#), Friday 22 June, until 7pm in major towns and cities to assist customers who are unable to get to their branch during working hours. Tomorrow Saturday 23 June we will be opening 14 [holiday branches](#) with limited functionality and we will open some of our [branches on Sunday 24 June](#), 10am to 1pm. ATMs and limited functionality on the Anytime and Mobile Phone Banking services are available but they continue to reflect a delay in customers' balances.

- [+ My salary/benefit payment was due into my Ulster Bank account. What should I do?](#)
- [+ I am not a customer of Ulster Bank but my salary or welfare payment was impacted by this incident. What can I do?](#)
- [+ Why is my balance on my account still not up to date?](#)
- [+ Can I continue to use my Ulster Bank credit and Visa debit card?](#)
- [+ Have the transactions for Wednesday 20 June or Thursday 21 June been processed?](#)
- [+ Can I see my balance on Anytime, Mobile Banking or on an ATM screen?](#)
- [+ Will I be charged if my account is out of order?](#)
- [+ Will the website continue to be updated over the weekend?](#)

# Ransomware



Assignment Project Exam Help  
Your device is being audited at  
least of the reasons specified  
below.

<https://powcoder.com>  
Your device was trying to access a  
**child pornography** directory and  
has been locked.

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Everyday we are working on  
blocking such sites and distribution  
of awful materials, and it costs a lot  
to maintain our operations.

You are required to pay  
**administrative fees**.

Watching, downloading and  
possessing such horrific materials is  
highly punishable and will **leave a  
long lasting effect** on your friends  
and relatives.

If we don't receive a payment within

# Office workers give away passwords for a cheap pen

Security? What's that?

By [John Leyden](#) → [More by this author](#)

Published Friday 18th April 2003 08:24 GMT

Rate this story 

[The Register presents: The Evolving Security Landscape. Watch online!](#)

Workers are prepared to give away their passwords for a cheap pen, according to a somewhat unscientific - but still illuminating - survey published today.

The second annual survey into office scruples, conducted by the people organising this month's InfoSecurity Europe 2003 conference, found that office workers have learnt very little about IT security in the past year.

If anything, people are even more lax about security than they were a year ago, the survey found.

Ninety per cent of office workers at London's Waterloo Station gave away their computer password for a cheap pen, compared with 65 per cent last year.

Men were slightly more likely to reveal their password with 95 per cent of blokes, compared to 85 per cent of women quizzed, prepared to hand over their password on request.

The survey also found the majority of workers (80 per cent) would take confidential information with them when they change jobs and would not keep salary details confidential if they came across them.

[http://www.theregister.co.uk/2003/04/18/office\\_workers\\_give\\_away\\_passwords/](http://www.theregister.co.uk/2003/04/18/office_workers_give_away_passwords/)

# Activity

- Discuss the examples you have collected.
- Determine example you want to present. Assignment Project Exam Help <https://powcoder.com>
- Develop a AddWeChat powcoder overview of the example and relate it back to Yee guidelines.
- Coffee break.
- Some teams will present.

# Discussion

- 1) What do users do to compromise security?
- 2) Why do they do this?
- 3) Relate to Yee guidelines.  
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**CONFIDENTIALITY**

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**INTERGRITY**

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**AVAILABILITY**

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# Users behave insecurely

- Ignore warnings
- Choose poor settings
  - Assignment Project Exam Help
- Subvert corporate policies
  - https://powcoder.com
- Click on links and get phished
  - Add WeChat powcoder
- What should our approach be?

# Twitter Hack - February 2013



Blog

## Assignment Project Exam Help

Keeping our users secure

Friday, February 01, 2013

<https://powcoder.com>

As you may have read, there's been a recent uptick in large-scale security attacks aimed at U.S. technology and media companies. Within the last two weeks, the *New York Times* and *Wall Street Journal* have chronicled breaches of their systems, and Apple and Mozilla have turned off Java by default in their browsers.

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This week, we detected unusual access patterns that led us to identifying unauthorized access attempts to Twitter user data. We discovered one live attack and were able to shut it down in process moments later. However, our investigation has thus far indicated that the attackers may have had access to limited user information – usernames, email addresses, session tokens and encrypted/salted versions of passwords – for approximately 250,000 users.

# Finger of Blame

- “I knew there was a good reason I don't use so called social networks! I find it strange that most of the people shouting about ~~this~~ <sup>Assignment Project Exam Help</sup> ~~deliberately~~ <sup>Add WeChat</sup> <https://powcoder.com> put mountains of personal stuff out for the world to see anyway & most never or rarely change their passwords! It's a fact that if only a little info is known about most individuals then their passwords are fairly easy to suss by a pro hacker anyway!”

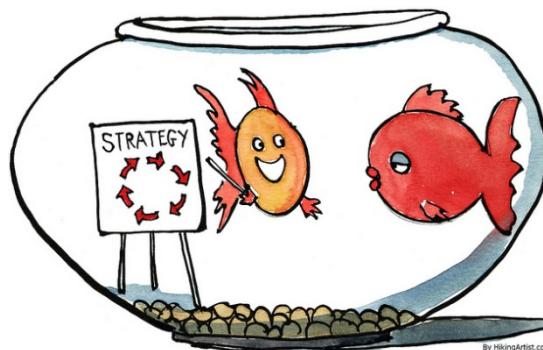


# Blame...

- “Twitter (& facebook) is used by twits so it does not surprise me that it is insecure. Assignment Project Exam Help It is not just kids but kidults in there 20s, 30s and older trying to appear on-message and part of the crowd. Most of the info is just opinion and the childish activities of last night like where I got as pissed as I did. Why in a recession so much time, money and resource wasted on these purile activities?”  
Add WeChat powcoder <https://powcoder.com>

# Suggesting Strategies

- Just serves as a reminder to everyone never to use or give real information, let alone the same password across accounts on line.  
Never use the likes of Twitter or Facebook
- They know which countries these hackers continually operate from...why not just block internet access to these countries until the authorities in those countries get off their a\*\*\*s and do something about it



# Good Password Practice

- People who use the same password for everything are screwed. That's why you should have at least 4 levels of password, and change them every so often  
[Assignment Project Exam Help  
https://powcoder.com](https://powcoder.com)
- *That means passwords like “password” and “123456” just won’t do any more*
- But the hackers got into the database, so how would good passwords have helped?



# A Last Comment

**“There is a fortune waiting for the person  
who comes up with an alternative to**

Assignment Project Exam Help  
**passwords**

<https://powcoder.com>

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# Summary



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Blame the  
Foreigners

Replace  
Passwords

Blame the  
Victim

Password  
Advice

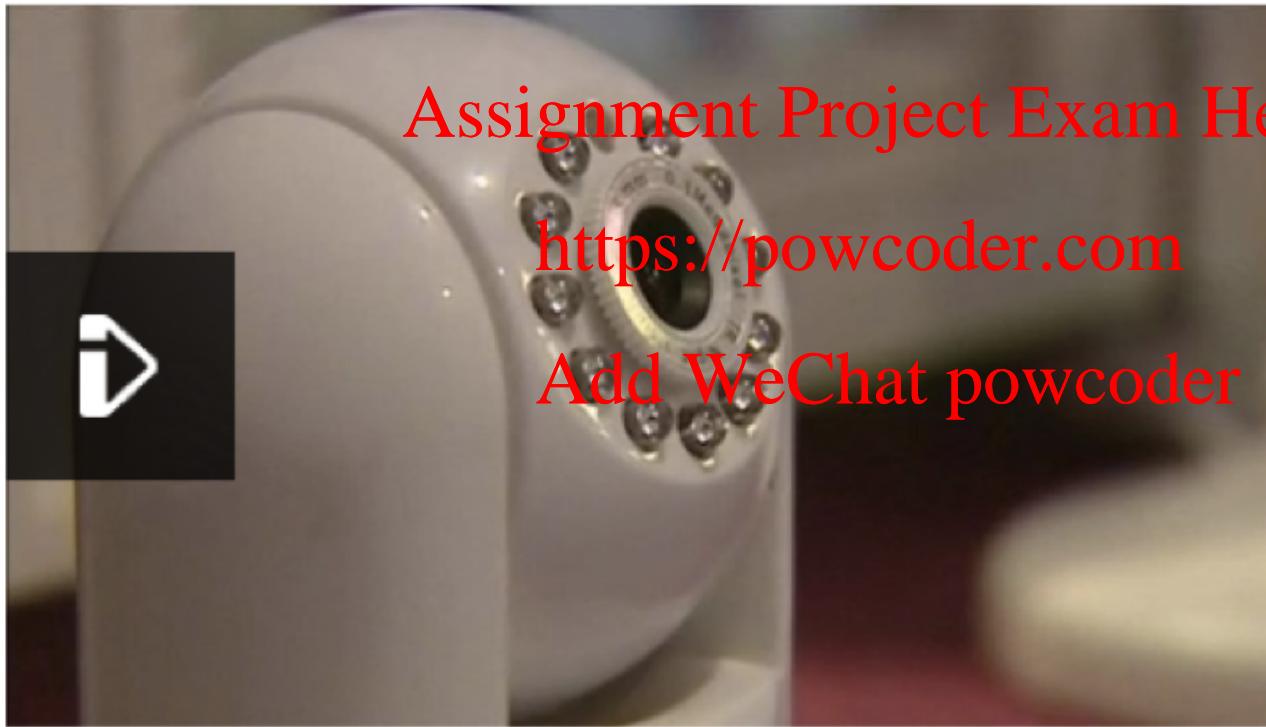
Uni-important

# Hacker 'shouts abuse' via Foscam baby monitoring camera

By Dave Lee

Technology reporter, BBC News

It is not clear whether the family had updated the camera with the latest software.



Marc Gilbert heard expletives being directed at his two-year-old daughter Allyson

A hacker was able to shout abuse at a two-year-old girl by exploiting a vulnerability in a camera advertisement.

Gilbert says he had a firewall enabled and both the camera and routers were password protected.

# At About the Same Time

BBC [Sign in](#) News Sport Weather iPlayer TV Radio News Sport Weather iPlayer TV Radio

## NEWS BIRMINGHAM & BLACK COUNTRY

Home | World | UK | England | N. Ireland | Scotland | Wales | Business | Politics | Health | Education | Sci/Env | Scotland | Wales | Business | Politics | Health | Education | Sci/Env

### Assignment Project Exam Help

20 February 2013 Last updated at 09:34

8 Share [Share](#) [Facebook](#) [Twitter](#) [Email](#)

#### Mayoral chain stolen in burglary in Balsall Common

A mayoral chain and medals which were "treasured family heirlooms" have been stolen in a Solihull burglary.

The items had belonged to Bob and Marian Usher who served as mayor and mayoress of North Tyneside in 1994-95.

Det Con Lucinda Wilson, said: "The medals are worth a few hundred pounds to the thief but their true sentimental value is far greater."

The couple's daughter appealed for the return of the items, taken from her Balsall Common home on 11 February.

Anyone with information relating to the burglary was asked to call police on 101 or contact Crimestoppers.



The items were family heirlooms

#### Add WeChat powcoder

burgled during funeral by thieves described

I in Basildon were at a family

ed because of the number and

x Police has appealed for

een by the driveway at about

must have known the family

number of cards of

n these despicable thieves."

No Blame Here

# Wait a Minute...

Robert Barron  
Tumbler Lock

Jeremiah Chubb  
Detector Lock

Linus Yale  
Tumbler Lock

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<https://powcoder.com>

1778

1784

1818

1857

1848

1916

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Joseph Bramah  
Bramah Lock

James Sargent  
Combination Lock

Samuel Segal  
Jemmy-Proof Lock

# Not Much Has Changed

**Do you ever awaken like this at night?**

You heard something...you don't know what. You lay there listening. Was it a floor board creaking? A tree branch gently scratching against the window? You wonder; and worry

about the doors, about the locks—

about the security of your home.

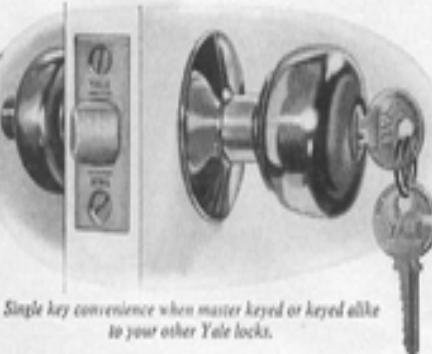
If you have any reason to doubt your present security arrangement... see your hardware or lumber dealer

—or locksmith. Ask for the extra protection that Yale can give you. After all, you protect your peace of mind as well as your home with YALE—the finest name in hardware.

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Single key convenience when master keyed or keyed alike to your other Yale locks.

The new YALE "Preassembled" FAIRFIELD design tubular lockset is made especially for today's residential housing. Available in solid brass or in aluminum, this low cost, high quality key-in-the-knob lock features the famed protection of the YALE pin tumbler cylinder, provides a touch of beauty for both interior and exterior doors, as well as extra security for homes.

THE WORLD LOCKS, LIFTS AND MOVES WITH PRODUCTS OF YALE & TOWNE

1953

**YALE & TOWNE**

THE YALE & TOWNE MANUFACTURING COMPANY

Executive Office: Chicago, Illinois, U.S.A.

Materials Handling Manufacturing Divisions:

Philadelphia 15, Penn. . . . YALE Gas, Electric and Diesel Industrial Trucks; Holst Chicago 29, Illinois . . . . AUTOMATIC Electric Industrial Trucks

Locks & Hardware Manufacturing Divisions:

YALE Lock and Hardware Division—plants of Stamford, Conn.; Salem, Va.; Goliad and Lenoir City, Tenn. . . . YALE locks, Door Closers, Bulldens' Hardware, Automotive and other Industrial Locks; Tri-Rotor Pumps; Ordnance Products, Berrien Springs, Mich. . . . NORTON Door Closers; SAGER and BARROWS Locks

Powdered Metal Products:

Manufacturing plants at . . . . Bethel, Conn. and Franklin Park, Ill.

International Manufacturing Divisions:

St. Catharines, Canada . . . . YALE locks, Door Closers, Industrial Trucks, Holst Willenhall, England . . . . YALE locks, Bulldens' Hardware, Industrial Trucks, Holst Velbert, Germany . . . . YALE locks, Bulldens' Hardware, Industrial Trucks, Holst

\*Trademarks include: YALE, AUTOMATIC, NORTON, SAGER, BARROWS, TRI-ROTOR



CA4708x630

£ 247.15 incl. VAT

£ 205.96 ex. VAT



This image may not always be an accurate representation of the product.

## Cylindrical Lock Knob Classroom

Knob Lockset Heavy Duty 4700LN Series Ball Style Satin Stainless Finish Function Classroom Grade 1 Material Stainless Steel For Door Thickness 1-3/4 to 2 In. Backset 2-3/4 In. Crossbore Size 2-1/8 In. Number of Keys 2 Pins 6 1-1/4 x 4-7/8 In. Strike Cylinder 1805 Keyway Type Para Keying Different Standards ANSI 156.2 Series 4000 Grade 1 U-cUL Listed Fire Rated 3 hr. Case Material Zinc Case Size 2 1/16 In. Dia.

2013



# Comparing....

Physical Lock	Easily Lost Easily Shared Easily Replaced Minor Resistance to Intrusion Attempts Possible to Subvert	Virtual Lock
	<p>Assignment Project Exam Help <a href="https://powcoder.com">https://powcoder.com</a></p>	
Has Replacement Cost  Some Initial Outlay Cost  Kept in Bunches so Loss enables Multiple Intrusions	Add WeChat powcoder	No Replacement Cost  No Initial Cost  Reused on multiple Systems so leakage Leads to multiple intrusions

# So...

**How come no one is calling for a new door lock and no one blames the victims?**

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<https://powcoder.com>

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# Physical World

- Locks on Doors
  - Act as a minor deterrent  
Assignment Project Exam Help  
(and we know this)  
<https://powcoder.com>
- Response to Intrusion
  - Replace lock
  - Submit insurance claim
  - Tut about the wickedness of the world
  - Buy a dog ☺



# Virtual World

- Virtual Locks
  - We want perfection!  
Assignment Project Exam Help
  - No flaws tolerated  
<https://powcoder.com>
- Response to Intrusion
  - Demand a better mechanism
  - Blame the victims
  - Wave hands around and say  
“Something must be done”



# Universal Cry....



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The Idealist

Monday, 18 March

## Something must be done!

Jeremy Clarkson says that something must be done. Now, not later. He asks: "Why are people such idiots?" Surely something must be done to prevent accounts being hacked. Ren foll imp

THE NEWS  
of de

Donec ne  
Pratum Of  
tables on  
over his  
small tow  
and relige  
In sepa  
audience  
burgh, a  
primary  
attacked  
one new  
opening  
in the S  
The  
survey  
showed  
points e  
Yester  
and n  
puts M  
17. an

Profits Soar

DAILY NE

Sunday, 17 March 2013

## We must find a better way!

Jeremy Clarkson is calling for a password replacement. He said "I just wish everyone would stop being idiots!"

Local entrepre  
wins Best New  
Business Awa

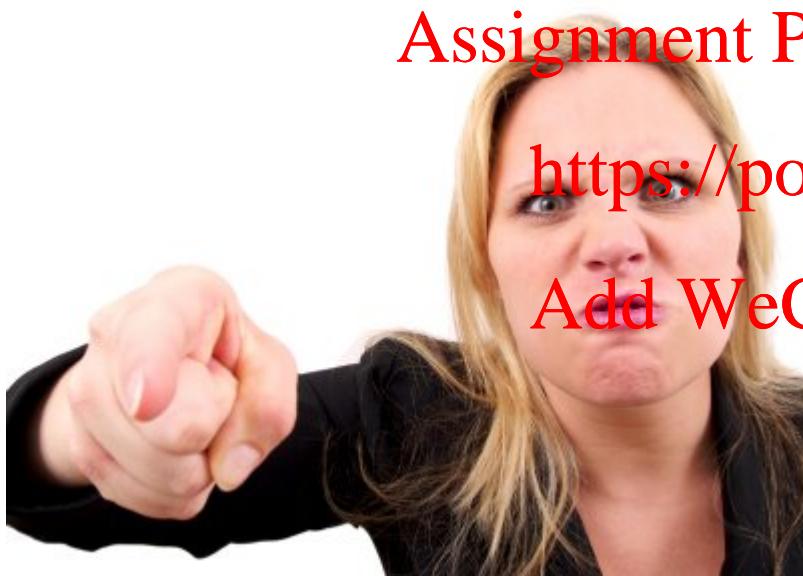
An aerial photograph of a road intersection. In the foreground, there's a circular driveway or turn-around area. A road curves from the bottom left towards the center. In the background, there's a parking lot filled with various cars, surrounded by bare trees and utility poles. A white car is visible on the road.

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<https://powcoder.com>

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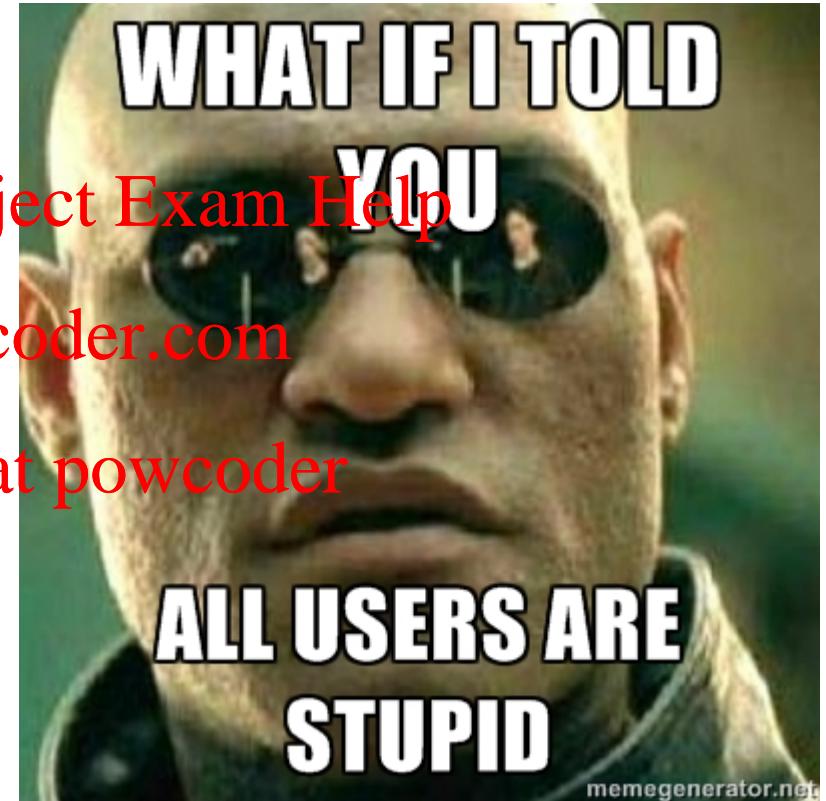
# The Easy Conclusion



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# The **WRONG** Conclusion

# Fake anti-virus

The image shows a screenshot of the Google Play Store interface. On the left, a sidebar has 'Apps' selected. The main area displays the product page for 'Kaspersky Anti-Virus 2014'. The page features a large red and black logo, the product name, a price of 'RUB142.11 Buy', and an 'Add to Wishlist' button. A note states, 'This app is compatible with all of your devices.' Below the main image, there is a large red watermark that reads 'Assignment Project Exam Help'. Underneath the watermark, the URL 'https://powcoder.com' is displayed in red. Further down, there is another red text overlay that says 'Add WeChat powcoder'. At the bottom of the page, there is a section titled 'Description' which contains the following text: 'Kaspersky Anti-Virus 2014' and 'Kaspersky Anti-Virus is the backbone of your Android antivirus security system, working behind-the-scenes to deliver virus and spyware protection in the world.' followed by a bulleted list: '• An Antivirus Scanner - runs an on-demand malware scan of your device'.



## ZoneAlarm Security Alert

### NEW PROGRAM

**Web Browser for Visually Impaired People** is trying to access the trusted zone.

Identification: Not available in ZoneAlarm  
Application: WebbleIE3.exe  
Destination IP: 127.0.0.1:Port 1033

[More Information](#) [Not Available](#)

?

?

?

This is the program's first attempt to access the local network.  
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#### SmartDefense Advisor

[More Info...](#)



Want to have fewer alerts?

[Find out how.](#)

Later?



[Remember this setting.](#)

Once?

[Allow](#)

[Deny](#)



21:57

# Grrrr!

Password reset

Change password for:  
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Enter a new Skype password

.....



Password must contain at least one number.

Repeat password

.....



[← Back](#)

[Save](#)

# Grrr!

Password reset

Change password for:  
**Assignment Project Exam Help**

<https://powcoder.com>

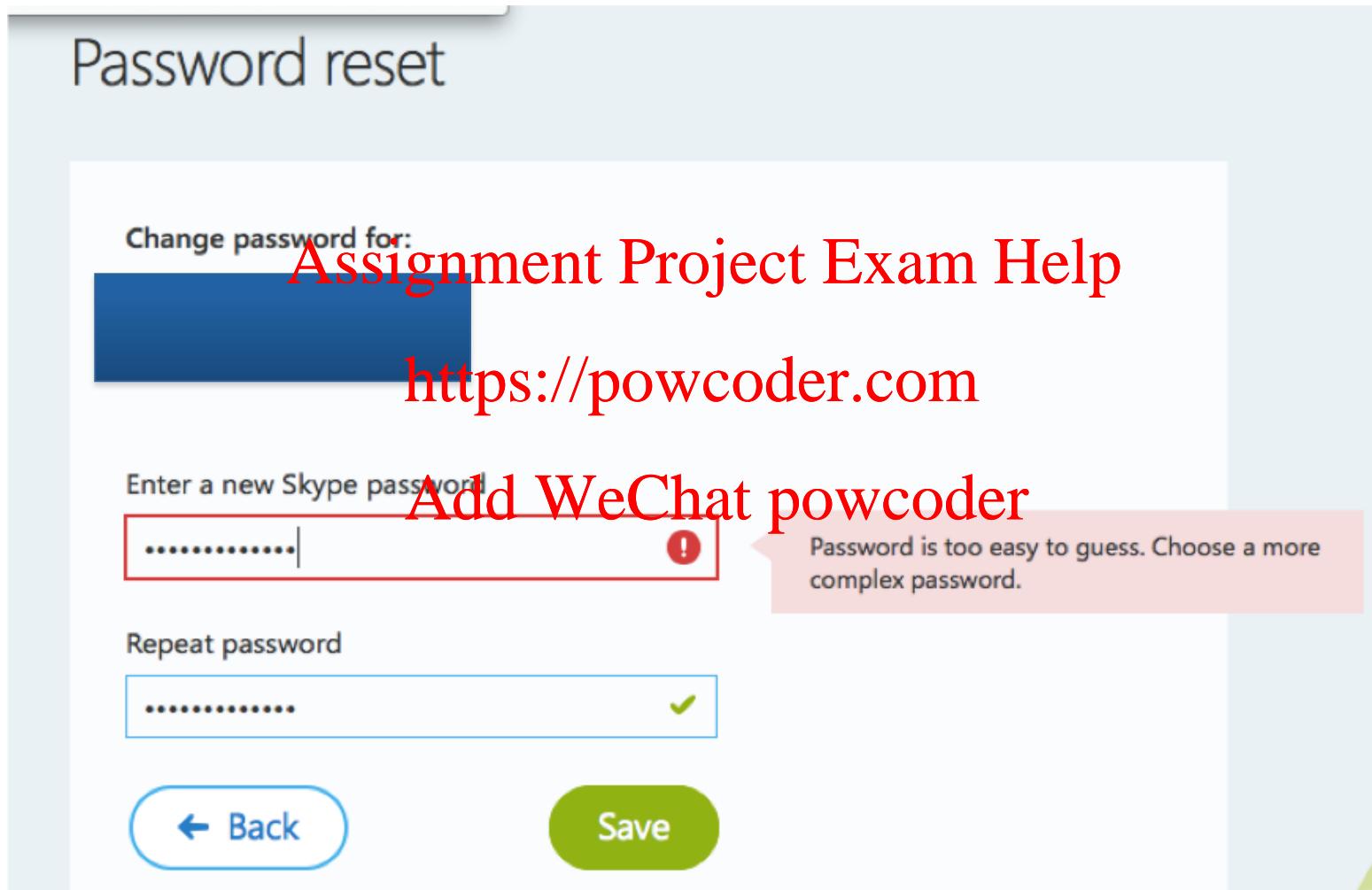
Enter a new Skype password  
..... !

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Repeat password  
..... ✓

Password is too easy to guess. Choose a more complex password.

← Back Save



The new password must contain at least 2 numeric characters.

## Password Assistance

**Thank you for using your temporary password. It is now time to create a new permanent password. Please follow the steps below to complete this process:**

1. Enter a password into the boxes below. Your new password must contain at least **8 characters** including at least **2 numbers**. Please do not use a password you have used previously and do not include an ampersand (&) in your password.
2. Once you have entered this new password press Submit.
3. You will receive a confirmation message when you have successfully set your permanent password and will be automatically logged in. You will not need to log in again at this time.

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**Note:** If the journal has required user fields that need to be completed, you will be taken automatically to your account information area where you can complete the required fields. Once you have completed the required fields, be sure to press the Finish button to record the changes. If you have any difficulty obtaining your permanent password, please contact Support immediately by clicking [Get Help Now!](#)

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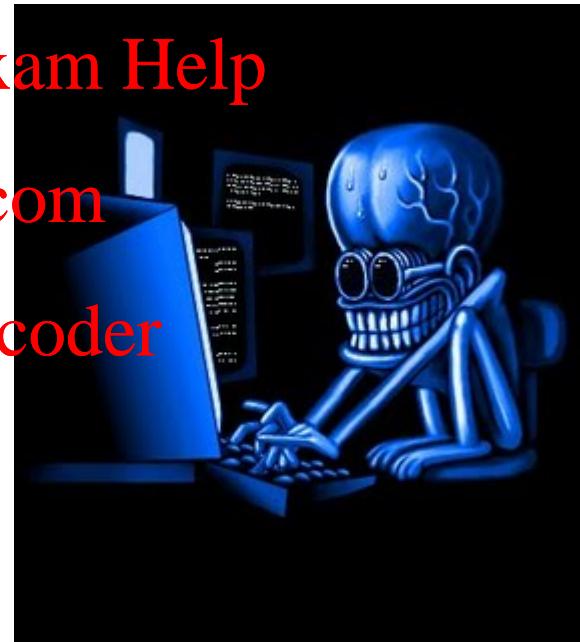
### Choose a New Password

New Password: .....\*

Re-enter New Password: .....\*

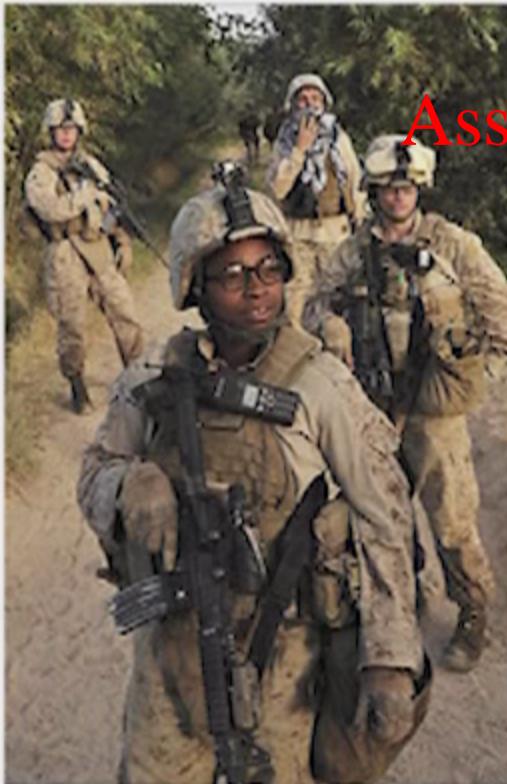
Submit

# Systems get Compromised *sans* weak passwords



# P25 Radio

P25: widely fielded & serious



DoD: Warfighters, Security  
(photo: Lindsey Addario, NY Times)

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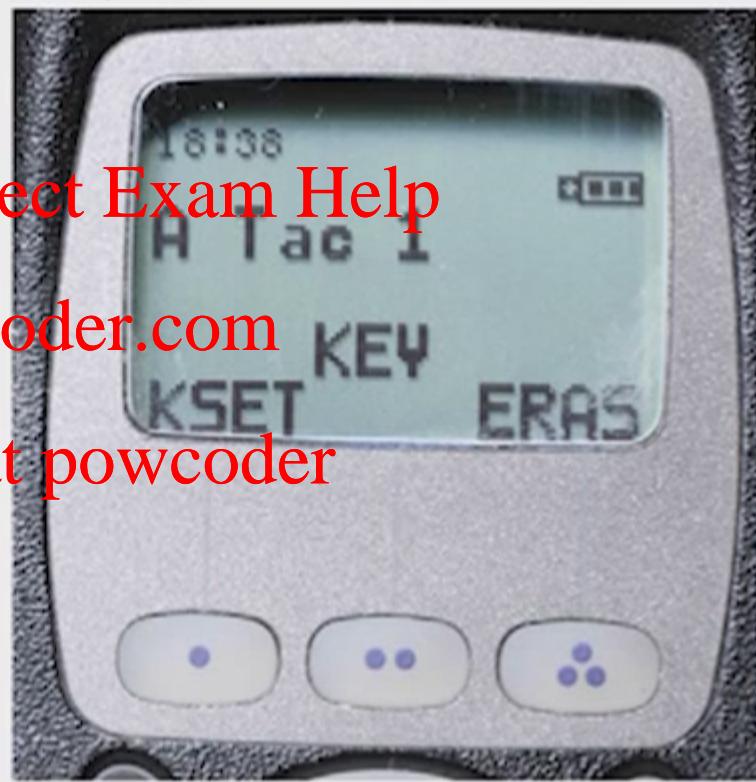
DoJ, DHS: Law enforcement  
surveillance, VIP protection  
(Photo: Pete Souza, The White House)



Crypto switch



Display



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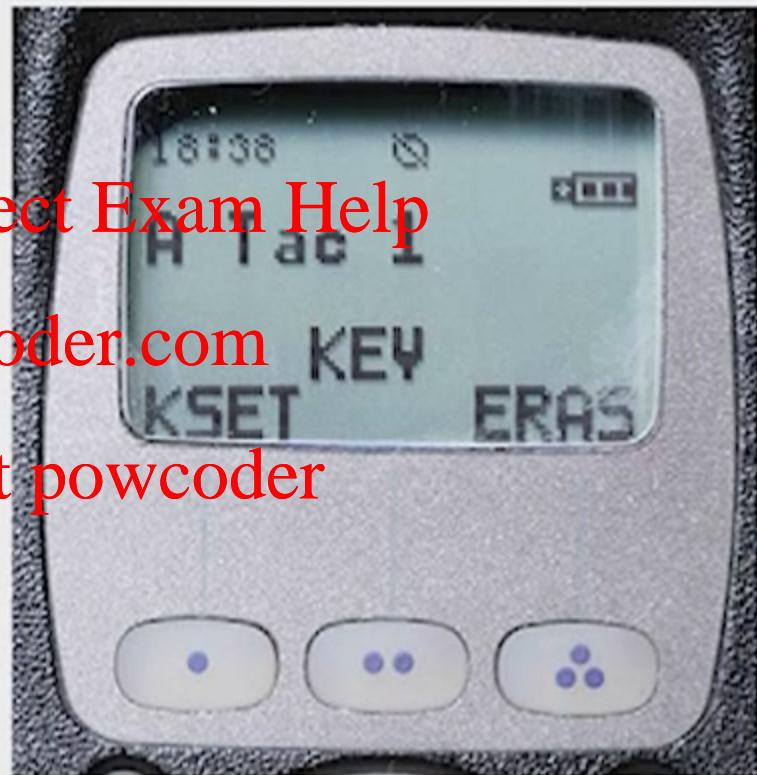
<https://powcoder.com>

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Crypto switch



Display



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- Researchers scanned “encrypted” frequencies in 50 metropolitan areas
- Over 20 min a day of cleartext comms
  - Names of confidential informants
  - Plans for forthcoming operations
  - Wide range of crimes
  - Mostly law enforcement
- Failure of user interface design!

# Why do users behave insecurely?

- Don't they understand?
- Is it inconvenience?  
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- It is a perfectly reasonable trade-off?  
<https://powcoder.com>
- Complexity of the security world?
- New threats every day – keeping up is hard  
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- Values?

# A Different Approach

- Instead of BLAMING
  - Moral high ground - feels good but doesn't change anything
- Lets get next to the user, and
  - Design better mechanisms
  - Harness what humans are good at
  - Don't expect them to do what is humanly impossible!
- Take the bigger view

# Payne & Edwards

- What is the main contribution of the paper?
- What is the methodology?  
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- Yee's Guidelines  
<https://powcoder.com>
- What is the conclusion of the paper?
- What do we define usable security as - in terms of a topic or research area - after reading this paper?  
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