

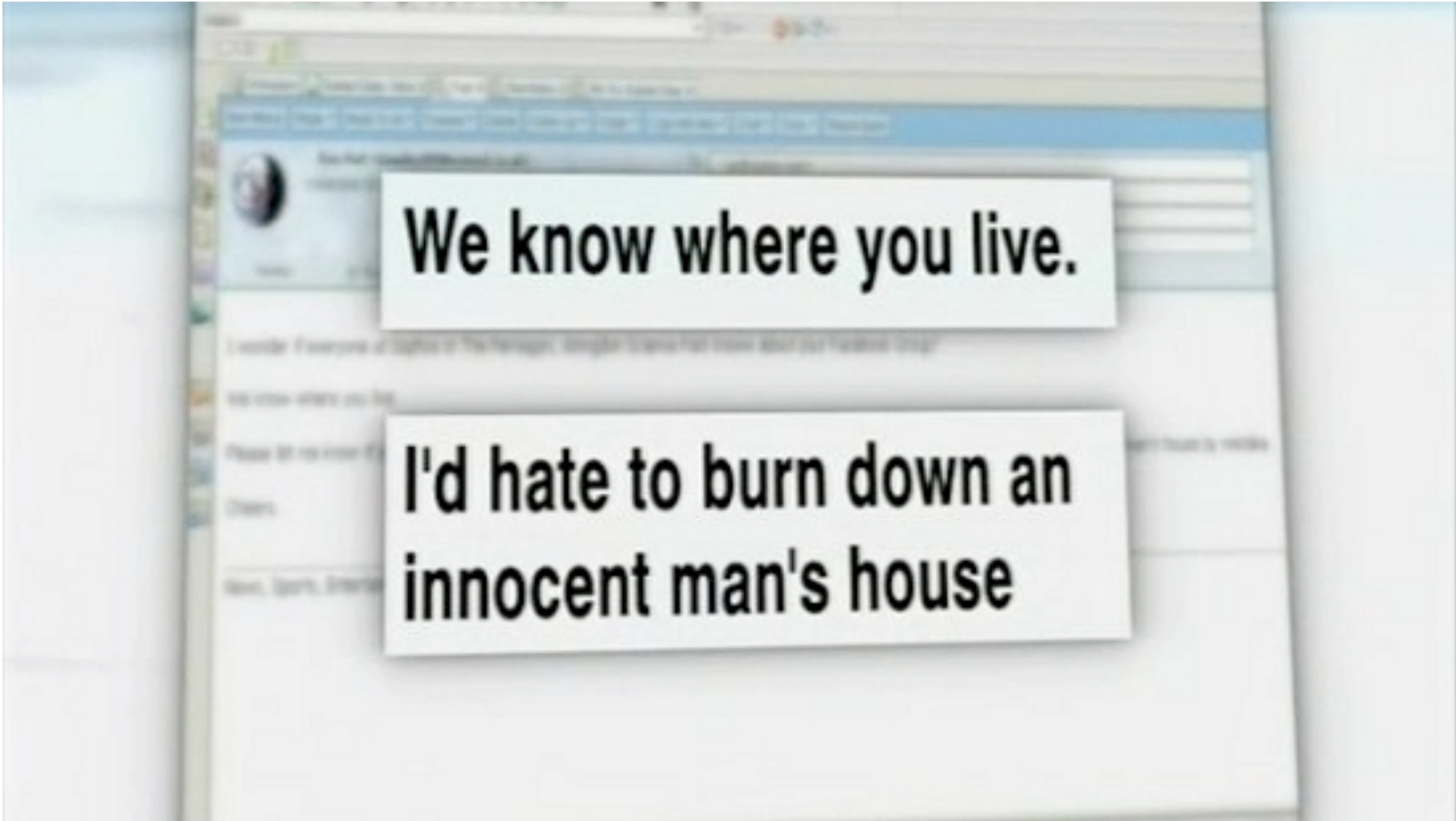
Social networks: The new frontier for Malware, Spam and Identity Theft

Graham Cluley
Sophos

My personal Facebook story

- Someone used my photograph on their Facebook profile
- Trolled on Facebook forums, making inflammatory statements
- Audience reacted, someone recognised my photo, and..

Death threats via Facebook

A screenshot of a Facebook profile page. The page is slightly blurred. Two white rectangular boxes with black text are overlaid on the profile. The top box contains the text "We know where you live." and the bottom box contains "I'd hate to burn down an innocent man's house". The background shows the typical Facebook layout with a profile picture, name, and various tabs.

We know where you live.

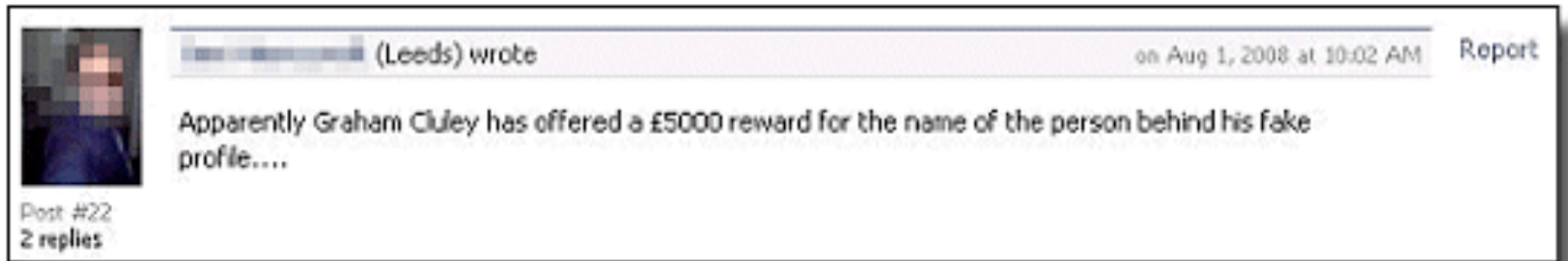
**I'd hate to burn down an
innocent man's house**

My personal Facebook story

- Threats to shoot my wife, burn down my house
- Emails to my work, my bosses, complaining about “my” behaviour online
- Bandwagon rolling against me, with offensive doctored images of me posted online
- All because people didn't verify the true identity of the poster – and assumed it was me

My personal Facebook story

- Even after the death threats were publicised, nonsense still spread



What does this teach us?

- People trust complete strangers far too easily online

What does this teach us?

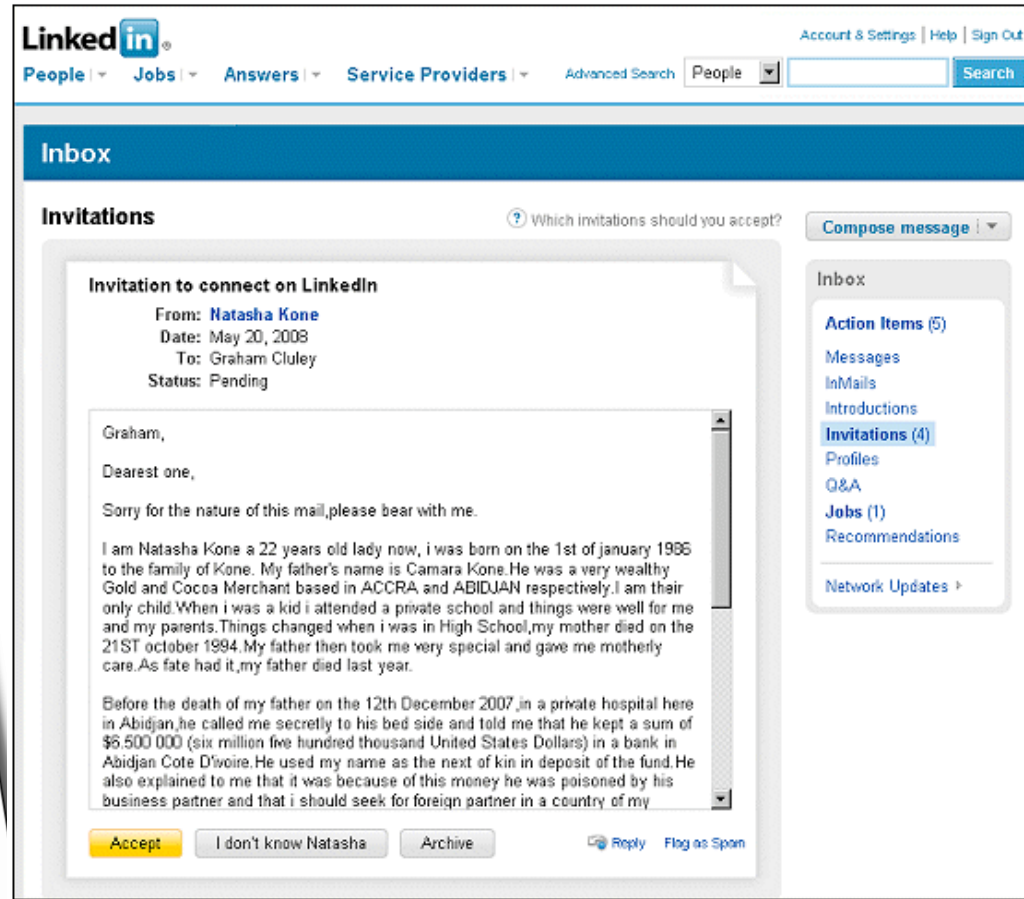
- People trust complete strangers far too easily online
- But it's not just strangers who pose a threat

Spam on social networks

Social networking spam



The image shows two screenshots of spam messages from a social networking site. The top message is dated April 18th, 2008, at 10:13pm. The text reads: "wasdasok time for a little update, remember i told you about the lovestick enlarger pills that mike and his brother have been taking from http://www.com that completly changed their lives, well at least made them into the talk of the town with all the girls around, not to mention 3 of my friends who actually dated them in the past few weeks and can't stop talking. well, heres an update, andrew heard about the pills and he too has been taking them, i am a witness and living proof that his thing is monster huge, yes and don't ask how i seen it, just take my word for it. all i can say is, go now and buy them if you want instant results that they guarentee on any guy who takes them 100 percent or all your money back i even ordered them for you know who. go now to http://www.com". The bottom message is dated April 17th, 2008, at 5:37pm. The text reads: "wasdasremember i told you about those pills that mike and his brother have been taking that made their pricks larger then life? well i finally got more info on whats been happening. mike have been taking the pills now for 6 months from http://www.com and his brother about 3 months now. yesterday i found out that you know who has been taking them for the longest time now too, that blew me away. so the secret is out, these enlarge pills really work and more people then i realized are taking them daily. i am thinking of getting some for a certain someone today, they guarentee them 100 percent that they will work or every cent you paid back to you. http://www.com". Both messages include a "Report" link.



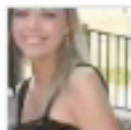
The image shows a screenshot of a LinkedIn inbox. The page header includes the LinkedIn logo, navigation links (People, Jobs, Answers, Service Providers), and a search bar. The main content area is titled "Inbox" and shows an "Invitations" section. A specific invitation is displayed, titled "Invitation to connect on LinkedIn". The sender is "Natasha Kone", dated "May 20, 2008", and the recipient is "Graham Cluley". The status is "Pending". The invitation text reads: "Graham, Dearest one, Sorry for the nature of this mail, please bear with me. I am Natasha Kone a 22 years old lady now, i was born on the 1st of january 1985 to the family of Kone. My father's name is Camara Kone. He was a very wealthy Gold and Cocoa Merchant based in ACCRA and ABIDJAN respectively. I am their only child. When i was a kid i attended a private school and things were well for me and my parents. Things changed when i was in High School, my mother died on the 21ST october 1994. My father then took me very special and gave me motherly care. As fate had it, my father died last year. Before the death of my father on the 12th December 2007, in a private hospital here in Abidjan, he called me secretly to his bed side and told me that he kept a sum of \$6 500 000 (six million five hundred thousand United States Dollars) in a bank in Abidjan Cote D'ivoire. He used my name as the next of kin in deposit of the fund. He also explained to me that it was because of this money he was poisoned by his business partner and that i should seek for foreign partner in a country of my". At the bottom of the invitation, there are three buttons: "Accept", "I don't know Natasha", and "Archive". There are also links for "Reply" and "Flag as Spam". On the right side of the inbox, there is a sidebar with "Action Items (5)" and a list of items: "Messages", "InMails", "Introductions", "Invitations (4)", "Profiles", "Q&A", "Jobs (1)", "Recommendations", and "Network Updates".

Social networking spam

The image displays a collage of social media spam examples. On the left, a Twitter profile for 'anabel0msb' is shown. The profile includes a 'Follow' button and statistics: 9 following, 0 followers, and 1 updates. Below the profile, three tweets are visible:

- Tweet 1: 'Hey honey. Check me out.. I uploaded alot of <http://www.debt2k.com..> about 7 hours ago'. Includes a 'Follow' button and an 'RSS' link.
- Tweet 2: 'Hey cutie.. Come check me out.. I loaded alot of new <http://www.debt2k.com..> about 6 hours ago'. Includes a 'Follow' button and an 'RSS' link.
- Tweet 3: 'Hey sweetie.. Check me out.. I uploaded some more pics <http://www.debt2k.com..> :P about 6 hours ago from web'. Includes an 'RSS' link and an 'Older >' button.

On the right, there is an advertisement for chat rooms. The ad features a couple embracing and a woman sitting on the floor. The text reads: 'SPICY or SWEET?' and 'Over 320 Chat Rooms Pick Yours!'. A prominent orange button says 'Enter Chat Rooms >'. Below the button, it states '3,434 Local Singles Found in Your ZIP - Chat Now!'. The ad also includes a 'message dann1jiwep' button and a 'block dann1jiwep' button.



Sara4877

Follow

doing nothing still!!!

about 6 hours ago, from web

RSS

Older >

Name Sara Cross

110 following 8 followers 1 updates

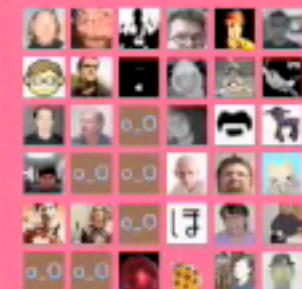
Updates

Favorites

Actions

message Sara4877
mute Sara4877

Following

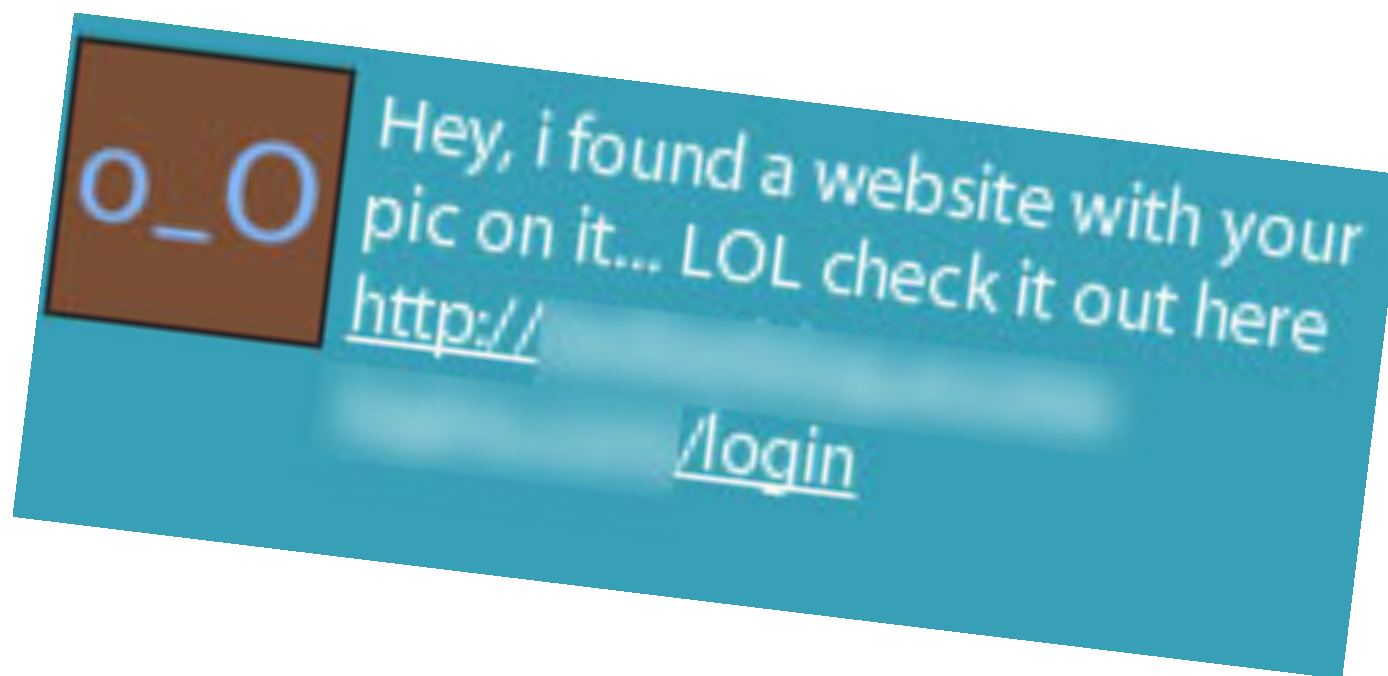


View All...

DEMO OF SPAMMER CAUGHT
COLLECTING VICTIMS ON TWITTER

Phishing on social networks

Social networking phishing



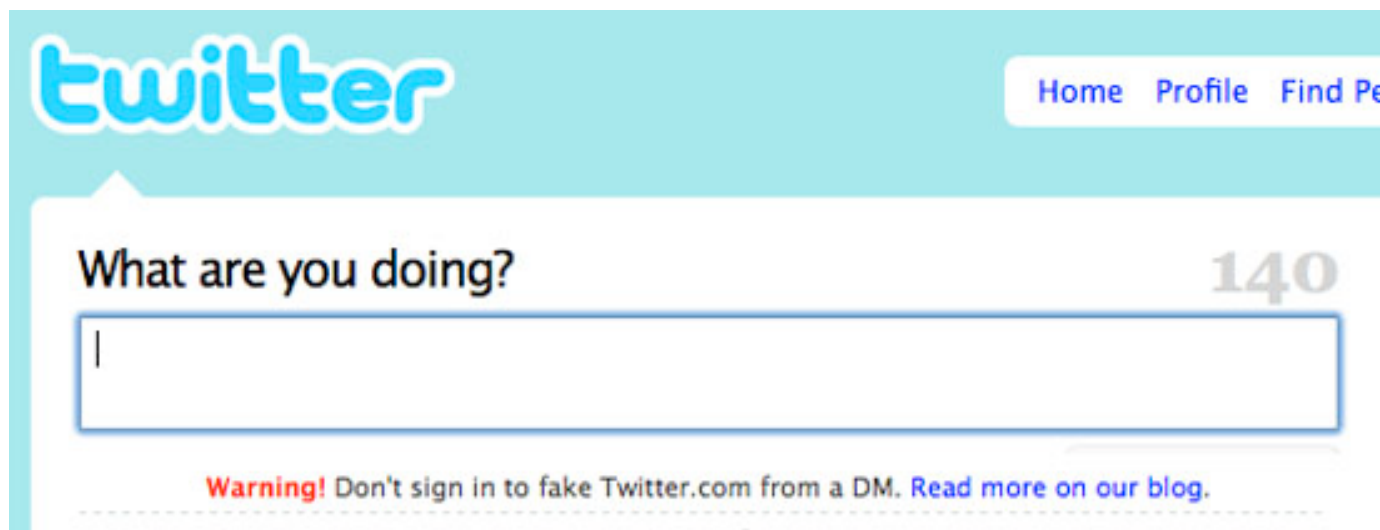
Social networking phishing



biz Twitter Eng and Ops are on it now but be careful of DMs with a blogspot link that redirect to what seems like twitter.com *about 8 hours ago from Power Twitter*

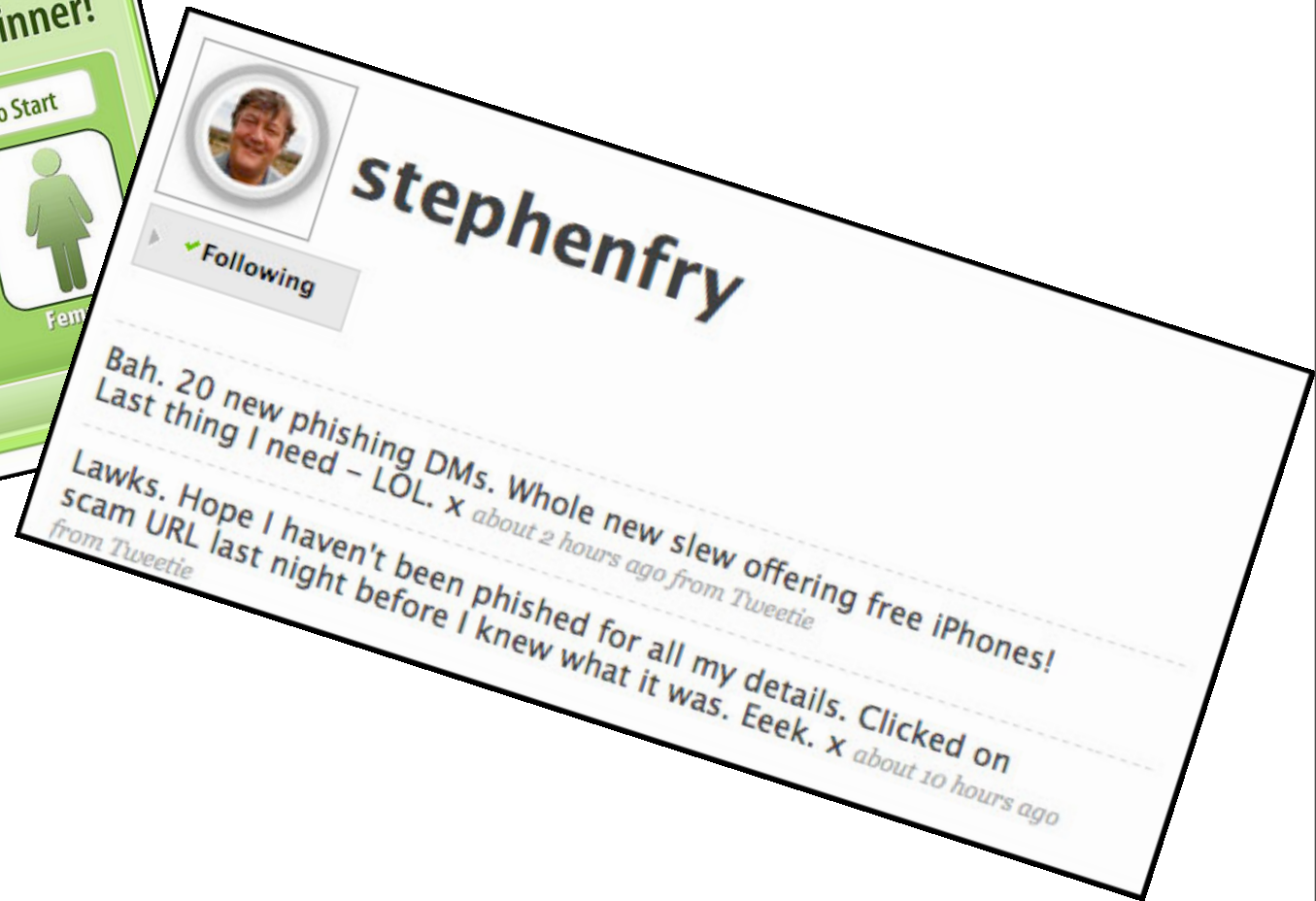


twitter ! be careful of DMs with a link to blogspot.com that seemingly redirects to Twitter.com and asks for your credentials (we're on the case) *about 8 hours ago from Power Twitter*



The screenshot shows a fake Twitter interface. At the top left is the word "twitter" in its characteristic blue font. To the right are navigation links: "Home", "Profile", and "Find Pe". Below this is a text input area with the prompt "What are you doing?" and a character count of "140". The input field contains a single vertical bar. At the bottom of the interface, there is a red warning message: "Warning! Don't sign in to fake Twitter.com from a DM. [Read more on our blog.](#)"

Social networking phishing



Scams on social networks

“Stranded in a foreign city” scams

am Matt
ats up?
0am Rakesh
Matt
everything OK?
7:21am Matt
well,im really stuck here in london
i had to visit a resort here in london and i got robbed at the hotel im staying
7:22am Rakesh
ack... that's terrible. Sorry to hear it.
7:22am Matt
yeah,thanks
we just want some helo flying back home
7:23am Rakesh
So why are you stuck there?
7:23am Matt
all my money to get a ticket back home got stolen
7:25am Rakesh
I didn't understand this "we just want some helo flying back hom

7:25am Matt
help*
actually i got some money wired to me to catch a flight back home
but we still need \$800 more to complete our ticket fee and fly back home
7:26am Rakesh
good
Honestly, it sounds like someone's hacked your Facebook account and is using it to defraud your
friends.
7:26am Matt
i have the money in my checking acct,i cant just access it from here
this really me
Lauren is here with me
and my kids
7:28am Rakesh
your wife's name is on your profile page
7:28am Matt
what about my kids name?
7:28am Rakesh
in photos?
how do we know each other? when did we meet?
7:29am Matt
from school

“Stranded in a foreign city” scams

- They use information from your friend’s profile to appear more plausible
- You never know who you’re talking to, until you really *talk* to them

7:20am Matt
hi
whats up?

7:20am Rakesh
Hi Matt
Everything OK?

7:21am Matt
well, im really stuck here in london
i had to visit a resort here in london and i got robbed at the hotel im staying

7:22am Rakesh
ack... that's terrible. Sorry to hear it.

7:22am Matt
yeah,thanks
we just want some helo flying back home

7:23am Rakesh
So why are you stuck there?'

7:23am Matt
all my money to get a ticket back home got stolen

7:25am Rakesh
I didn't understand this "we just want some helo flying back home"

7:25am Matt
help*

actually i got some money wired to me to catch a flight back home
but we still need \$800 more to complete our ticket fee and fly back home

7:26am Rakesh
good
Honestly, it sounds like someone's hacked your Facebook account and is using it to defraud your friends.

7:26am Matt
i have the money in my checking acct,i cant just access it from here
this really me
Lauren is here with me
and my kids

7:28am Rakesh
your wife's name is on your profile page

7:28am Matt
what about my kids name?

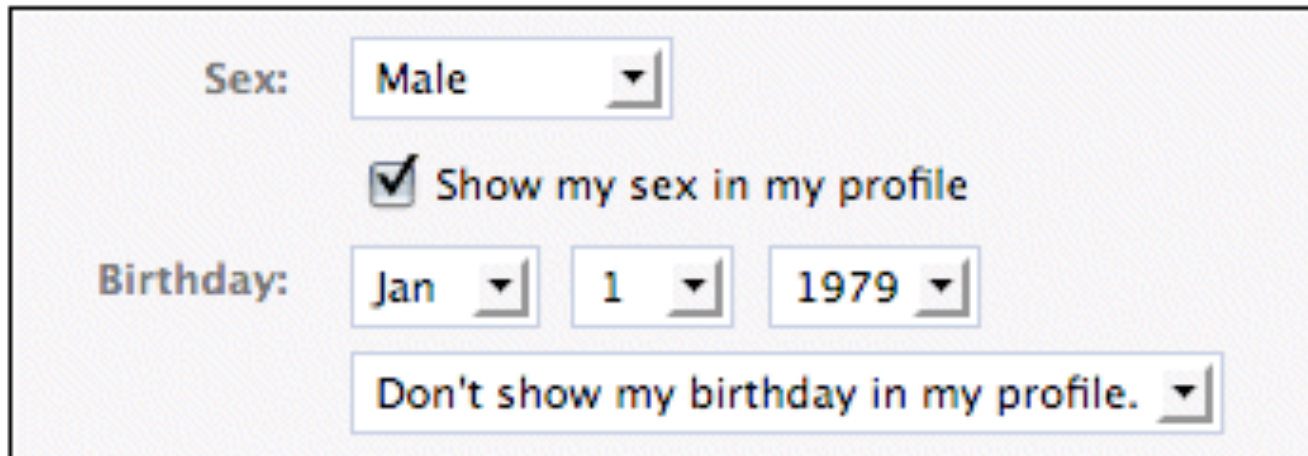
7:28am Rakesh
in photos?
how do we know each other? when did we meet?

7:29am Matt
from school

When social networks go bad

Can you trust social networking sites?

- It's not just malicious behaviour that puts our personal information at risk on social networking sites
- Sometimes it can be incompetence on the part of the website



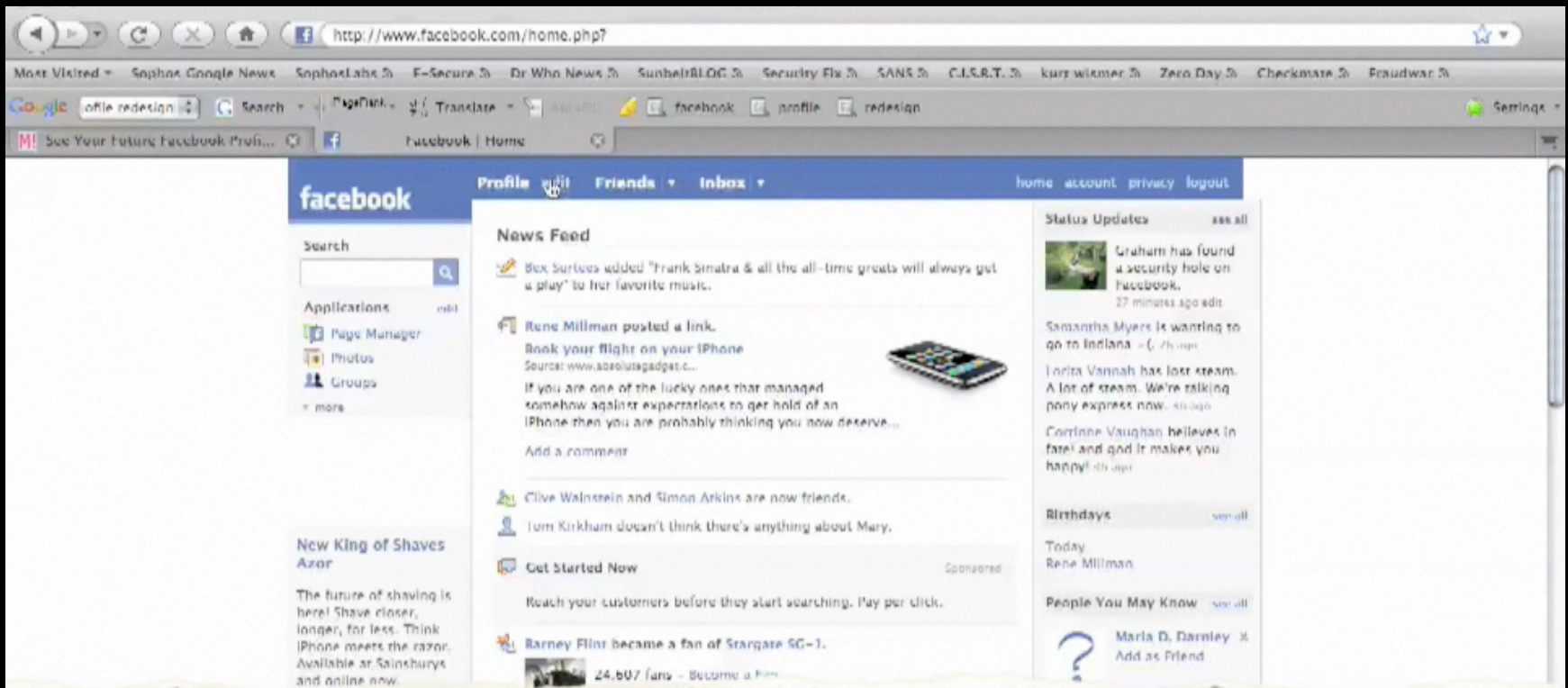
Sex: Male

Show my sex in my profile

Birthday: Jan 1 1979

Don't show my birthday in my profile.

The screenshot shows a form with two main sections: 'Sex' and 'Birthday'. In the 'Sex' section, a dropdown menu is set to 'Male', and a checkbox labeled 'Show my sex in my profile' is checked. In the 'Birthday' section, three dropdown menus are set to 'Jan', '1', and '1979' respectively. Below these, a dropdown menu is set to 'Don't show my birthday in my profile.'. This illustrates a potential security or privacy issue where the website's logic for displaying profile information is inconsistent with the user's explicit settings.

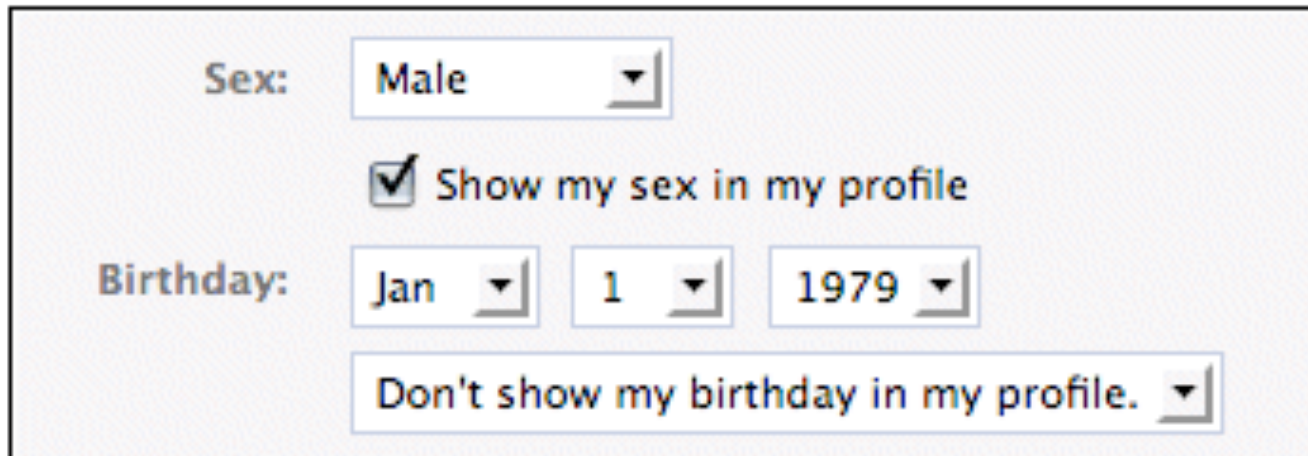


Identity thieves would love to know your date of birth

DEMO OF FACEBOOK REVEALING
FULL DATES OF BIRTH EVEN
WHEN USER HAS SET THEM TO
BE PRIVATE

Can you trust social networking sites?

- Which is why I've chosen to break Facebook's terms of service, and tell them a fake date of birth
- ..even though I've asked for it to be kept private



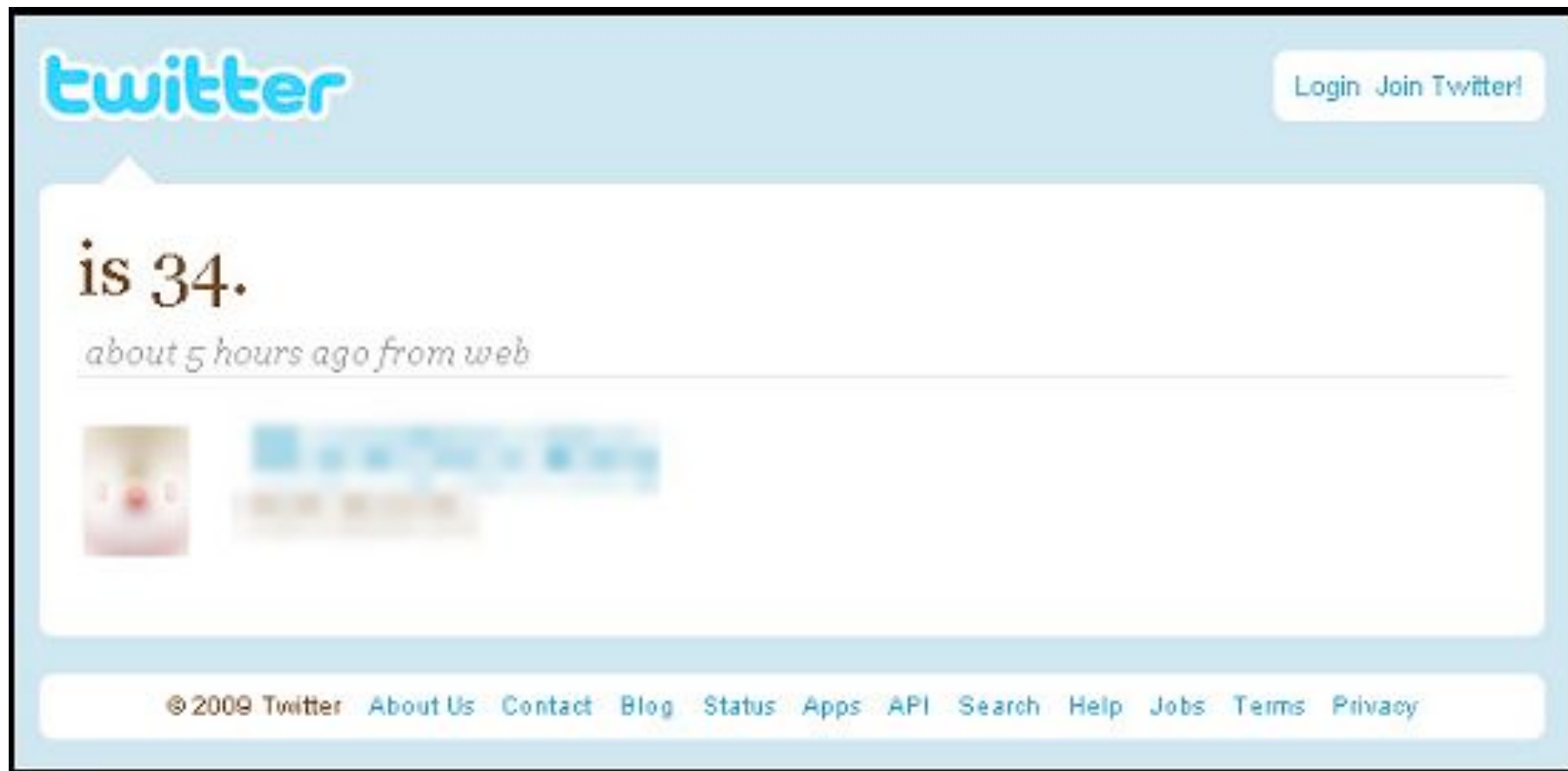
Sex: Male

Show my sex in my profile

Birthday: Jan 1 1979

Don't show my birthday in my profile.

Social networking identity risks



Social networking identity risks



birthday today my 30th

Search

Realtime results for birthday today my 30th

4.94 seconds

Morning All! **Today** is the **30th** anniversary of my birthday :o) Put it another way, I am one year shy of living half a century on earth
1 day ago from *TweetDeck* · [Reply](#) · [View Tweet](#)

[@ComedianEdByrne](#) blatantly forward r birthday today (26th feb) would you pls reply with some
1 day ago from *web* · [Reply](#) · [View Tweet](#)

It's my hunny's **30th today!** Happy B!
2 days ago from *txt* · [Reply](#) · [View Tweet](#)

My **30th birthday** 2 weeks **today**. Ideas received.
2 days ago from *TwitterGadget* · [Reply](#) · [View Tweet](#)

I'm up & it's a beautiful day! Hap love my friends and I love my life! I am grateful!
4 days ago from *HelloTxt* · [Reply](#) · [View Tweet](#)

Today is my 30th birthday. I feel like I should and find some knowledge from elders... but I'm too busy!
4 days ago from *web* · [Reply](#) · [View Tweet](#)

Back at work **today**. Looking forward to my 30th Thursday!
4 days ago from *web* · [Reply](#) · [View Tweet](#)

Reddit - Its **my 30th birthday today**. I have a gaming site I wrote. Show me some love and overload my h...
(expand)
5 days ago from *EasyTweets* · [Reply](#) · [View Tweet](#)

Recovering from sticker shock at Bliss, but feeling better. My daughter's **30th birthday today**, and that's how we decided to
5 days ago from *web* · [Reply](#) · [View Tweet](#)

[@OYLESONESHOW](#) gyles do you have a quote for my 30th birthday today please?
6 days ago from *Tweetie* · [Reply](#) · [View Tweet](#) · [Show Conversation](#)

[@Gerrion](#) yay it's my **30th birthday today!**
6 days ago from *Tweetie* · [Reply](#) · [View Tweet](#)

Sitting at Firestone, contemplating on life's greatest challenges and issues... ah, and did I mentioned **today is my 30th Birthday?**
6 days ago from *web* · [Reply](#) · [View Tweet](#)

wondering since **today is my baby's 30th birthday**... how can I still be so amazingly young? Or would that be... deluded? :-)
7 days ago from *web* · [Reply](#) · [View Tweet](#)

is wishing my husband an amazing **30th birthday today!** Yes, that's right folks... I married an older man
8 days ago from *web* · [Reply](#) · [View Tweet](#)

30th birthday! guess which one is sleeping in? (hint she deserves it)
8 days ago from *twitter* · [Reply](#) · [View Tweet](#)

Not having a great day **today is my son Carlton's birthday 30th** He passed away May 4, 2008
8 days ago from *web* · [Reply](#) · [View Tweet](#)

Up EARLY!! Have a ton to create & achieve **today!** Get ready for my **30th birthday** bash! More info to follow... if ur lucky :)
9 days ago from *HelloTid* · [Reply](#) · [View Tweet](#)

Today (Wednesday) I celebrate my wife's **30th birthday**. What a gift God has given me & our children!
9 days ago from *twitterific* · [Reply](#) · [View Tweet](#)

I hope **today** is the happiest **birthday** ever for my very favorite Nicky! Happy **30th**, old lady! :)
9 days ago from *web* · [Reply](#) · [View Tweet](#)

It is my favorite person's **30th birthday today!** Happy Birthday Matt! I will eat red velvet on this very special day!
9 days ago from *TwitterBerry* · [Reply](#) · [View Tweet](#)

is celebrating his **30th Birthday Today!** Show some love and Join my Street Team
13 days ago from *digsys* · [Reply](#) · [View Tweet](#)

[@RealJudgeJules](#) Hi Judge, it's my **30th birthday today** and I'm down in San Diego for the weekend listening to you on the laptop. Crissin soon
13 days ago from *web* · [Reply](#) · [View Tweet](#) · [Show Conversation](#)

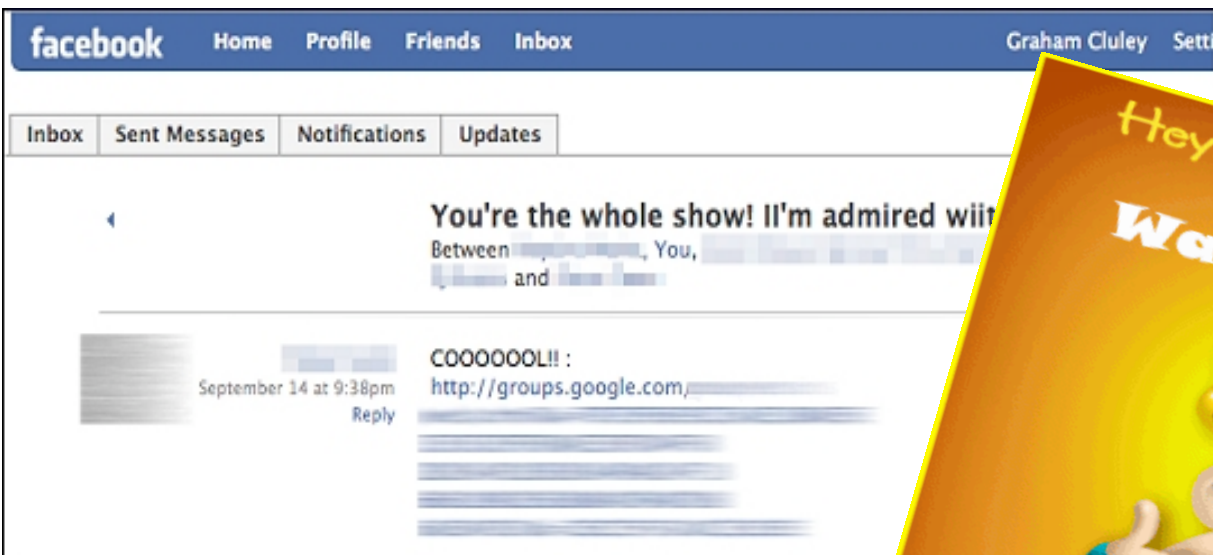
Lee Freeman is back to work **today** and can't wait to be done so I can help my wife celebrate her **30th birthday!**
13 days ago from *twitterfeed* · [Reply](#) · [View Tweet](#) · [G+1](#)

Morning all, I'm sat on my girlfriends bed and its my **30th birthday today**. I'm happy
15 days ago from *web* · [Reply](#) · [View Tweet](#)

I am working right now but **today is my 30th Birthday**, cant wait till tomor or late **today** to get very drunk xx
15 days ago from *web* · [Reply](#) · [View Tweet](#)

Malware on social networks

Social networking malware



Social networking malware

paris hilton nude
paris hilton nude at Company B
Greater New York City Area

Contact Directly
Get introduced through a common connection

Current • paris hilton nude at Company B

Industry Aviation & Aerospace

Websites

- PARIS HILTON SEX TAPE PART 1
- PARIS HILTON SEX TAPE PART 2
- PARIS HILTON SEX TAPE PART 3

paris hilton nude's Experience

paris hilton nude
Company B
(Privately Held; 501-1000 employees; Aviation & Aerospace industry)
Currently holds this position

Additional Information

paris hilton nude's Websites:

- PARIS HILTON SEX TAPE PART 1
- PARIS HILTON SEX TAPE PART 2
- PARIS HILTON SEX TAPE PART 3

LinkedIn People Jobs Answers Companies

Explore People Search: Harvard - Vice President at Google - Accounting

People

KIM KARDASHIAN NUDE NAKED
Student at Baker University
United States | Civil Engineering

Past

- at KIM KARDASHIAN NUDE

Education

- Baker University

Connections 0 connections

Websites

- KIM KARDASHIAN NUDE VIDEO: №1
- KIM KARDASHIAN NUDE VIDEO: №2
- KIM KARDASHIAN NUDE VIDEO: №3

Public Profile

<http://www.linkedin.com/in/kimkardashiannude1>

Social networking attacks evolve

⚠ [redacted] has faced some errors when checking your profile [View The Errors](#)
Message 40 minutes ago

⚠ [redacted] has faced some errors when checking your profile [View The Errors](#)
Message 44 minutes ago

⚠ [redacted] has faced some errors when checking your profile [View The Errors](#)
Message 49 minutes ago

Web Images Maps News Video Mail more ▾

Google error check system Search [Advanced Search](#) [Preferences](#)

Web

[facebook error check system](#) [+] [X]
20 Feb 2009 > Be careful about installing a Facebook application called 'Error Check System! Thousands of Facebook users today seem to be getting > ...
2009022118 [pl/facebook_error_check_system.html](#) - [Similar pages](#) - [X]

[How to perform disk error checking in Windows XP](#) [+] [X]
Under **Error-checking**, click **Check Now**. A dialog box that shows the **Check disk ...** the **Automatically fix file system errors check** box, and then click **Start**. ...
[support.microsoft.com/kb/315265](#) - [Similar pages](#) - [X]

[Facebook Worm - Error Check System](#) [+] [X]
22 Feb 2009 ... It's called the **Error Check System** and what it's supposed to do it notify ...
No one's sure just yet what the **Error Check System** worm does. ...
[personalweb.about.com/b/2009/02/22/facebook-worm-error-check-system.htm](#) - [Similar pages](#) - [X]

[Facebook "Error Check System" Application Still Runs Rampant \(Updated\)](#) [+] [X]
21 Feb 2009 ... This morning I've received at least 10 emails from people about misleading ...
... that they received from friends suggesting that ...
[facebook-error-check-system/](#) - 63k - [X]

"[Friend's name] has just reported you to Facebook for violating our Terms of Service. - This is your official warning! - Click here to find out why you were reported! - Request Facebook look at what has happened and rule immediatley."

Social networking attacks evolve

The screenshot displays the Windows XP System Restore interface. On the left, there are three main sections: 'System Tasks' with options like 'View system information', 'Add or remove programs', and 'Change a settings'; 'Other Places' with links to 'My Network Places', 'My Documents', 'Shared Documents', and 'Control Panel'; and 'Details' showing 'My Computer System Folder'. The main area is titled 'System scan progress' and shows a progress bar that is nearly full. Below the progress bar, it states 'Scan complete. 527 threats were detected.' A red warning box says 'Your Computer is infected with spyware and adware.' Below this, a list of threats is shown: 'Email-Worm.Win32.Net', 'Email-Worm.Win32.Myd', and 'Trojan-Downloader.Win32'. A 'Windows Security Alert' dialog box is open in the foreground, displaying the following information:

Windows Security Alert

To help protect your computer, Windows Web Security has detected trojans and ready to remove them.

Detected spyware and adware on your computer:	Filename:
<input checked="" type="checkbox"/> Admess.Trojan	tcpervice2.exe
<input checked="" type="checkbox"/> zserv.Transponder.Trojan	ZServ.dll
<input checked="" type="checkbox"/> Wstart.TrojanDownloader	wstart.dll

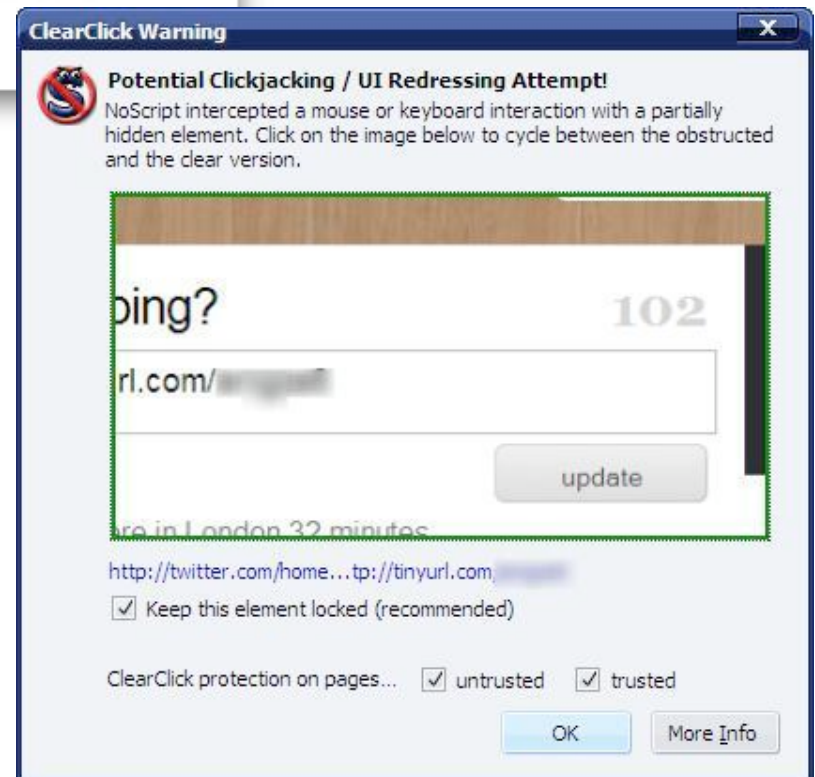
Buttons: **Remove all** (highlighted), **Cancel**

Description:
This program is potentially dangerous. It may attempt to gather personal information from your computer.

Advice:
You need to remove this threat as soon as possible!

At the bottom right of the dialog, there is a 'Full system cleanup' link.

Clickjacking



Social networking defacement

twitter Home Profile Find People Set

britneyspears

Follow

Hi Yall! Brit Brit here, just wanted to update you all on the size of my [redacted] Its about 4 feet wide with razor sharp teeth.

18 minutes ago from web

twitter Home Profile Find People Settings Help Sign out

BarackObama

Follow

What is your opinion on Barack Obama? Take the survey and possibly win \$500 in free gas. [http://www.cpaclicks.com/secure.asp?e=casxepnzzqk&...&d=0&l=0&o=&p=0&subID1=&subID2=&subID3=&subID4=&subID5=](http://www.cpaclicks.com/secure.asp?e=casxepnzzqk&...)

4 minutes ago from web

power twitter Home Profile Find People Settings Help t? Sign out

ricksanchezcnn

Follow

i am high on crack right now might not be coming into work today

9 minutes ago from web

@kittell e mail it to me about 13 hours ago from web in reply to kittell

twitter Home Profile Find People Setting

facebook

Follow

<http://YouGetLaid.info>

13 minutes ago from web



britneyspears

Follow

Name Britney Spears
 Location Los Angeles, CA
 Web <http://www.britne...>
 Bio Yes! This is the real Britney Spears! We've got updates from her team, her website and yes, even Britney herself!

1,192 following	21,641 followers	68 updates
-----------------	------------------	------------

Just watched some footage of Britney's tour rehearsals and whoa, are you all in for a treat. Get Ready!!! – Larry Rudolph

4:55 AM Jan 10th from web

Just heard Brit had a great time in Louisiana. It was super chill, with lots of working out and spending time with her whole family. ~Lauren 3:46 AM Jan 3rd from web

Happy Holidays from Britney!! <http://tinyurl.com/7uyrr4> 9:22 PM Dec 24th, 2008 from web

Britney went to Jerry's Deli last night for after shopping at Target. She had a black and white milkshake with dinner. ~Lauren 6:27 PM Dec 23rd, 2008 from web

Just found out that Britney had Pinkberry Sunday night. She gets the plain flavor with berries on it. Yum! ~Lauren 4:51 PM Dec 23rd, 2008 from

Updates

Favorites

Actions
 block britneyspears

Following

BRITNEY SPEARS.COM

DEMO OF DEFACED CELEBRITY TWITTER PROFILES

Realtime results for **stalkdaily legit**

0.04 seconds

[Feed for this query](#)

[Twitter these results](#)

Show tweets written in:

Any Language

Trending topics:

- [Hannah Montana](#)
- [Jesus](#)
- [Red Dwarf](#)
- [#roman](#)
- [Miami](#)
- [#FrozenFour](#)
- [TweetDeck](#)
- [Doctor Who](#)
- [Ten Commandments](#)
- [Masters](#)

Nifty queries:

- [cool_filter:links](#)
- ["is down"](#)
- [movie :\)](#)
- ["happy hour" near:SF](#)
- [#haiku](#)
- ["listening to"](#)



[arts muse](#): Virus! What? www.StalkDaily.com is legit!

less than a minute ago from web · [Reply](#) · [View Tweet](#)



[serendipitynz](#): Are all these "stalkdaily is legit" virus messages coming from people who are infected???

4 minutes ago from TwitterFox · [Reply](#) · [View Tweet](#)



[28green](#): Virus! What? www.StalkDaily.com is legit!

6 minutes ago from web · [Reply](#) · [View Tweet](#)



[28green](#): Virus! What? www.StalkDaily.com is legit!

6 minutes ago from web · [Reply](#) · [View Tweet](#)



[DigiTourLabs](#): Virus! What? www.StalkDaily.com is legit!

6 minutes ago from web · [Reply](#) · [View Tweet](#)



[geordiaG](#): Virus! What? www.StalkDaily.com is legit!

6 minutes ago from web · [Reply](#) · [View Tweet](#)

DEMO OF MIKEYY MOONEY
XSS WORMS

Summary

- Criminals are increasingly using social networking websites to steal identities, spread malware and send spam
- Social networks are typically poor at protecting users against these threats
- The onus is on the user to defend themselves, and are largely left to do their own policing
- So what are companies to do?

The social networks respond

SOPHOS

Social networks to the rescue?

myspace.com External Link Alert

You are about to leave MySpace.com

In an effort to stop phishing, we are warning you:
DO NOT ENTER YOUR MYSPACE PASSWORD on this new website!

To continue to this website, click the link:
Follow External Link To: <http://www.profilemusasdas.com/>

If you follow the previous link, you will be on a new website, not the

Tom's Blog about Phishing Tom's Blog about Phishing

twitter Home Profile Find People Settings

spam

Following

If you don't want those messages any more, just change your password! If that doesn't seem to be the issue, go ahead & file a help ticket.

11:58 AM Feb 7th from web

If you're receiving direct messages from yourself that you didn't send, chances are you signed up for an RSS feed with spammy twitter info.

Warning

Warning! Your account could be disabled.

You are using this feature to spam other users. Continued misuse of Facebook's features will result in your account being disabled. If you have any questions or concerns, you can visit our [FAQ page](#).

Close

facebook

You are about to leave Facebook to visit this address:

<http://tinyurl.com/S935nk>

For the safety and privacy of your Facebook account, remember to never enter your password unless you're on the real Facebook web site.

Continue Cancel

Facebook © 2008 | English

About Find Friends Advertising Developers Terms Privacy Help

Social networks to the rescue?

- Some ask users to confirm they really want to visit an external website – but many will ignore
- Micro-blogging websites like Twitter rely on services like TinyURL meaning destination websites can be hard to determine before clicking
- Social networking sites need to start scanning communications for malware and spam, just like webmail services

Social networking survey

SOPHOS

Survey results

63%

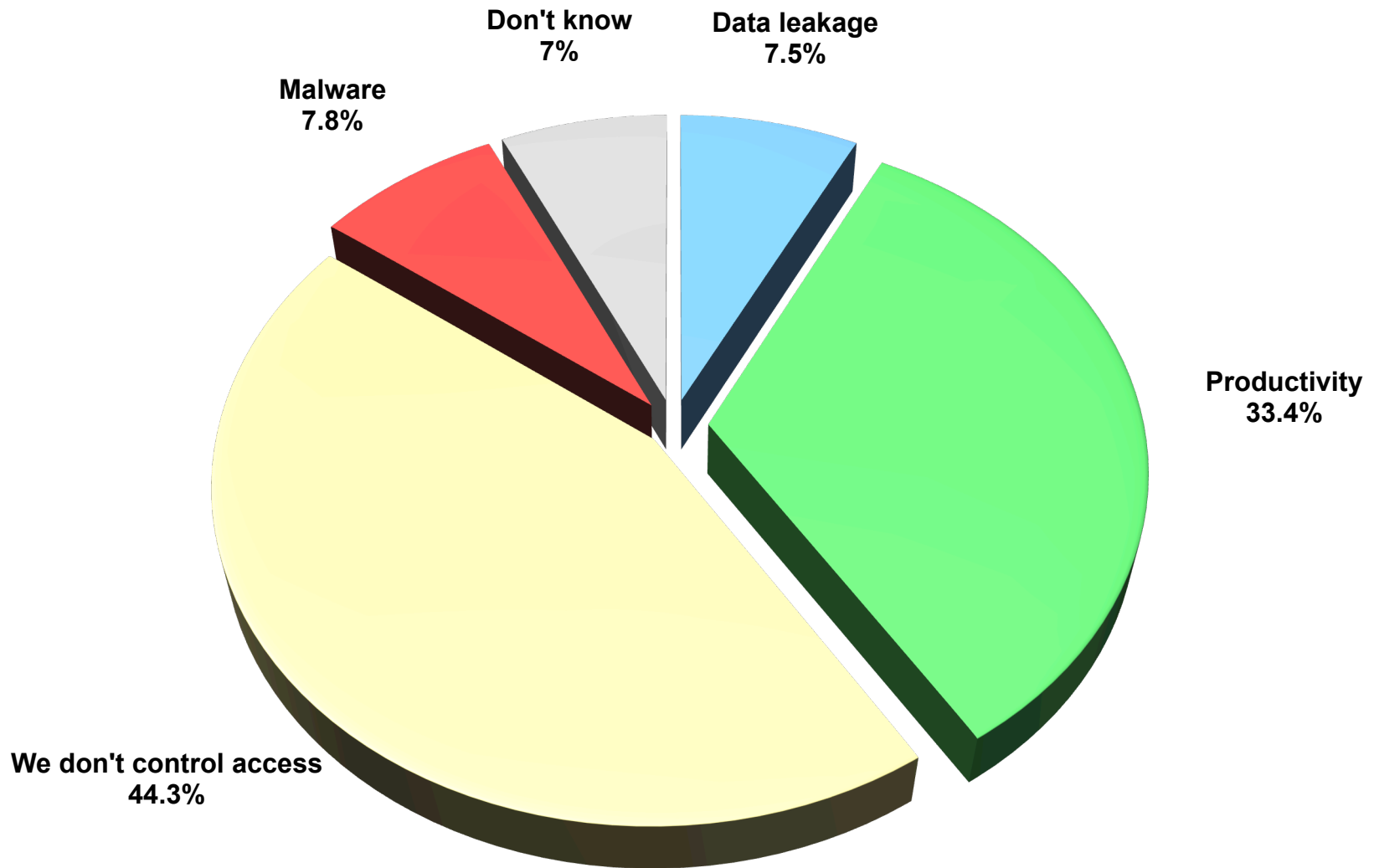
worry that
workers are
sharing too much
information on
social networking
websites

Survey results

66%

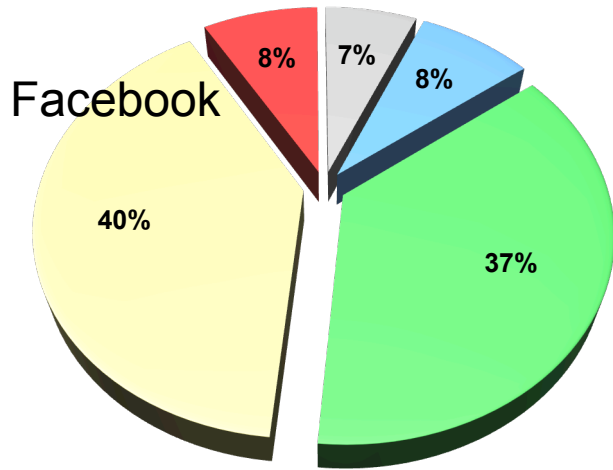
think workers' activity on social networking sites could endanger security at their company

Reasons for blocking social networking

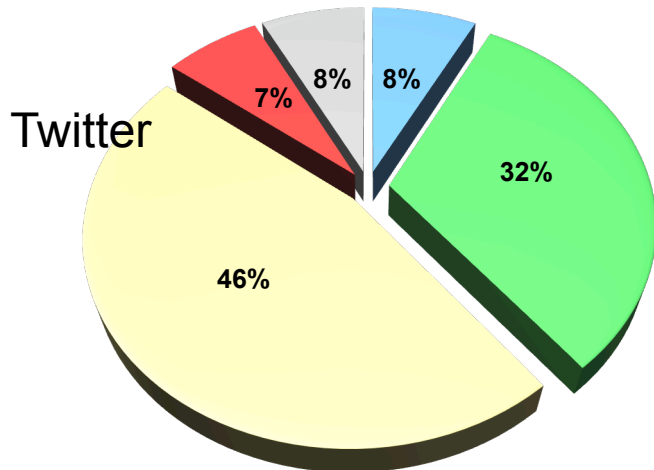
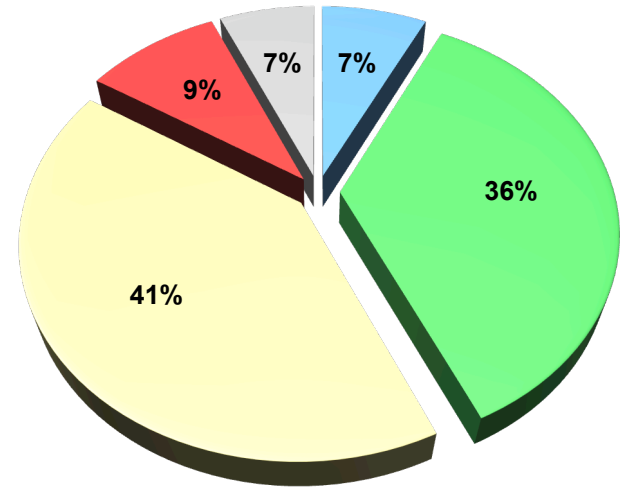


Poll: 709 people, February 2009

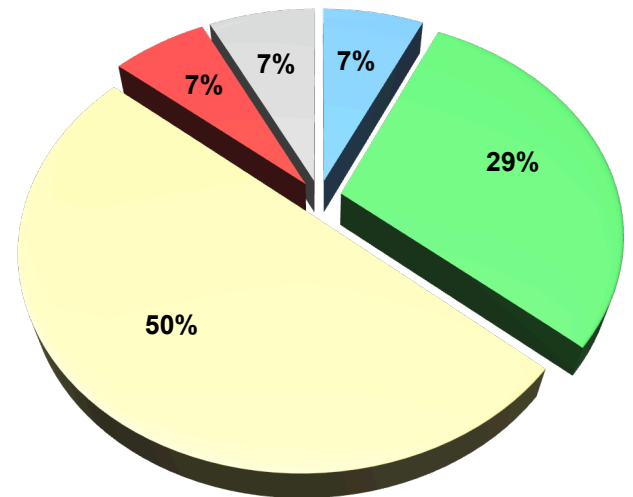
The main reason for controlling access



MySpace



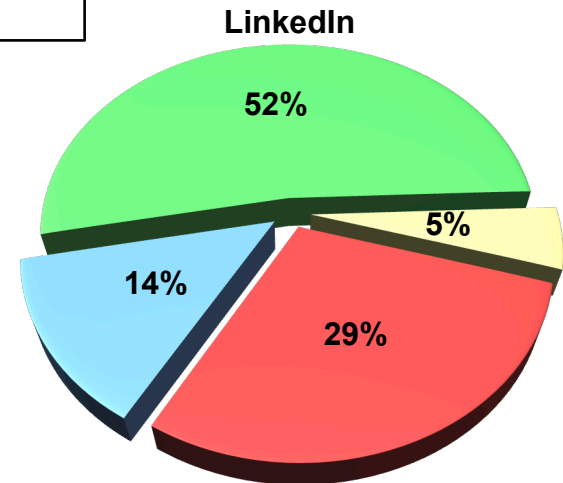
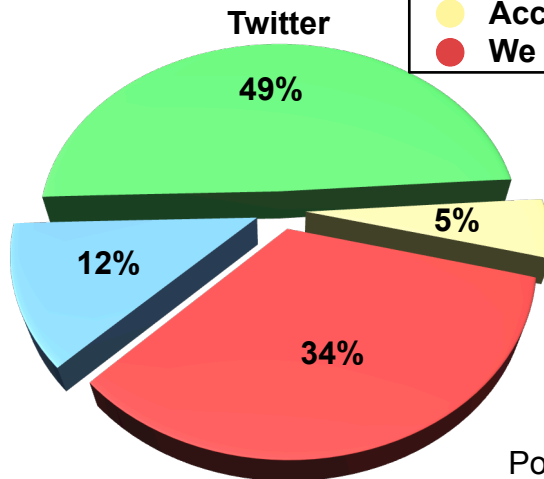
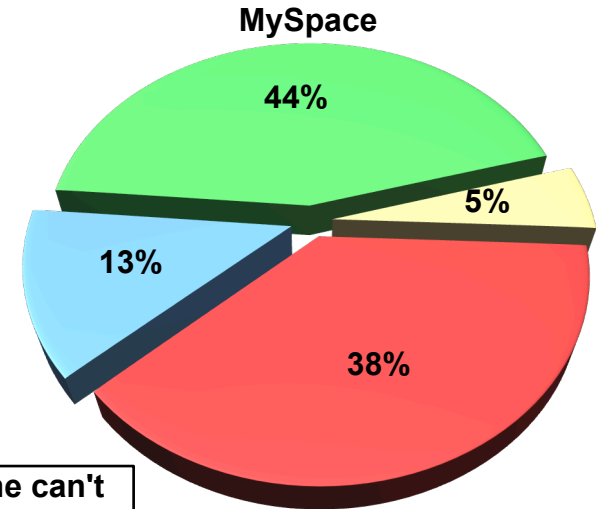
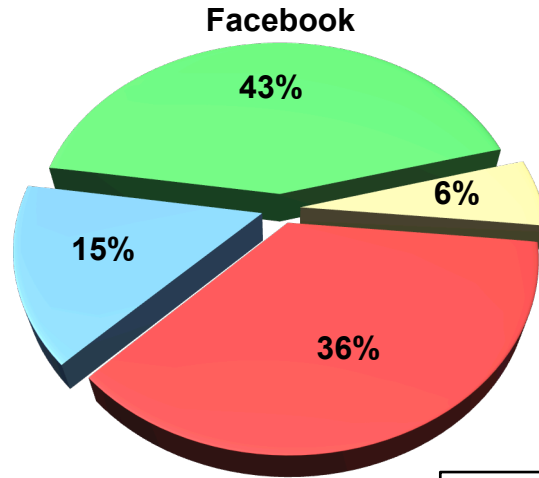
LinkedIn



- Data leakage
- Productivity
- We don't control access
- Malware
- Don't know

Poll: 709 people, February 2009

How does your firm control access to..

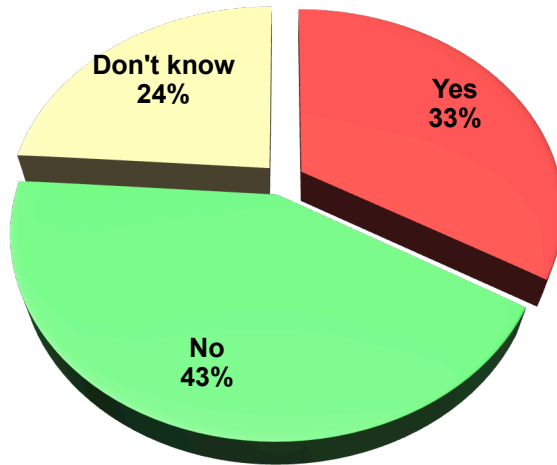


- Some users can access, some can't
- Anyone is free to access
- Access limited to specific times
- We block all access

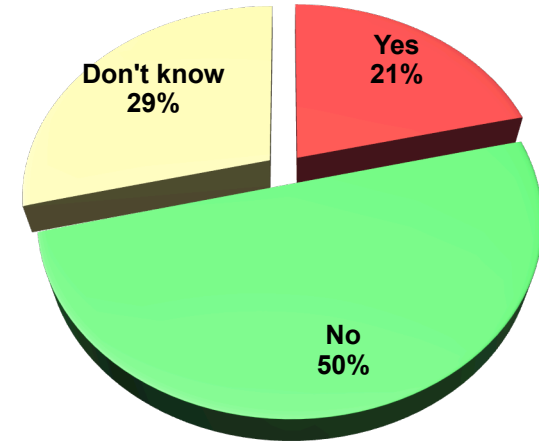
Poll: 709 people, February 2009

Have you, or colleagues, ever been..

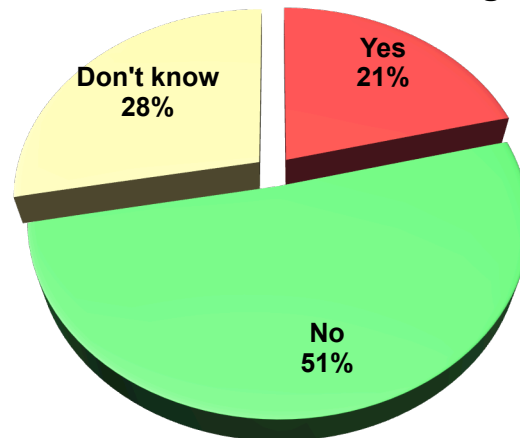
Spammed on a social networking site?



Sent malware on a social networking site?



Phished on a social networking site?



Poll: 709 people, February 2009

Conclusions

- Criminals will continue to exploit social networks, commandeering identities to steal information and spread more attacks (a web 2.0 zombie)
- Users will continue to share information inappropriately, putting their identities – and potentially your firm – at risk
- But banning social networking may be rash
- Need to offer greater security and control to social networkers

Apply advice

- Regularly review the information you and your staff are sharing online, and act as appropriate
- Review your web 2.0 security settings – you should only be sharing info with trusted parties
- Consider filtering access to social networks – groups and time
- Scan websites accessed for malware/cybercrime
- Educate workforce regarding online risks

Questions

- Graham Cluley

gc@sophos.com

www.sophos.com/blogs/gc

Twitter: [@gcluley](https://twitter.com/gcluley)

- Youtube: www.youtube.com/sophoslabs