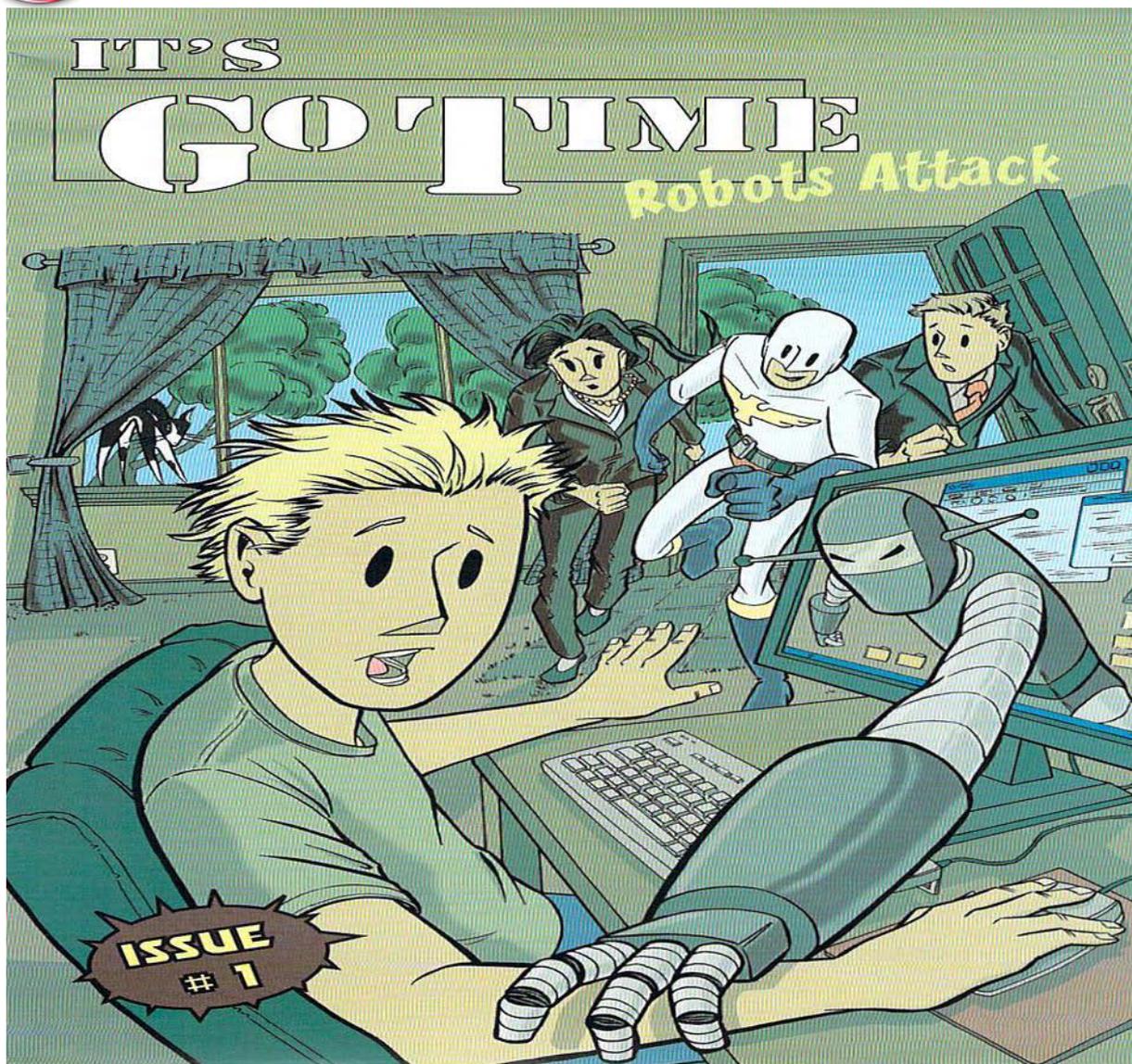


It's Go Time *Robots Attack* Family Internet Safety



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This briefing is classified
UNCLASSIFIED



"At a Glance"
"Prev. Maint. Monthly"
Graphic Narrative
Visual Storytelling

Translates to multi-media

Appeals to all ages

Works in any context

Conveys depth & complexity

Simplicity = emotional impact

Audiences wanting more

Enhance Branding



Introduction

- There Is No Privacy
 - Protect your information as you protect your wallet or purse

- How many of you have or your family have?
 - Cell phone (handheld and car), PDA, two-way pagers, MP3, & GPS
 - Home PC shared by family members
 - More than 3 credit cards
 - Been the victim of identity theft or know someone who has
 - Has family, friends, and associations
 - Use Facebook, Interlink, or social networking sites
 - Play online games



Lessons from “Comic Book”

- BotNet = PC Slow = Firewall
- Camera = On/Off = Seen/Unseen
- Malware = Secret SW = Missing Data
- Viruses = Problems = Auto Scan
- Internet Cache = Cookies & History = No Trail
- Email = Friends = How Do You Know
- = Links = Trouble
- Online = Records Somewhere = Your Future
- Online Profile = What Does It Say About You
- Internet Contract = Good OPSEC = Family Security



What users say about “Comic Book”

- 6 to 14 year olds and up
 - Best comprehended by 9 to 14 year olds
 - “Even though I thought I knew everything about internet safety, I learned a lot from this still” (DIA, Dependent)
 - “My Dad told me webcams were unsafe”
 - “Peer pressure is a really good topic to cover! It’s a very important issue and SO true!
 - “Have all the members sign a contract”
 - “Someone you can trust...Mom, Dad, Gramma, not best friend Jimmy”
 - “Three magic questions...great reference, on the computer, texting, or whatever and easy to remember!



Critical Information

- What they want
 - Full Name
 - SSN
 - Date and place of birth
 - Home address
 - Home phone number
 - Email accounts and IP addresses
 - Financial account numbers and institutions
 - Driver's license number and state
 - Vehicle registration information

- Got a Mailbox with a **RED** Flag?

Can you think of others?



Critical Information

■ Work Related

Can you think of others?

- Agency or company name
- Specific office or division name, information, and location
- Your specific job duties, titles, grade, or rank
- Office phone number
- Email addresses
- Previous duty assignments
- Photos of work locations
- Information related to work operations, jobs, assignments, and co-workers
- Information regarding travel for work (past or future)
- Specific capabilities, limitations and vulnerabilities
- Specific communications, and security procedures
- Operating locations
- Specific equipment or unique location



What You Must Do

- Think like a Thief
- Reduce your electronic footprint
- **Google** yourself
- Six degrees of separation
- Never use a cyber café or open access
- You leave a trail and so does your family
- Do you really know who you are “talking” to

**How do you find
information you
want?**

Once you Say It, Push Enter or Click Send it is gone FOREVER!



What You Must Do

- Disable automated preview
- Read email messages in plain text
- Do not click on embedded links
- Enter the web address directly
- Do not open emails from unknown sources
- Become “click shy”
- Find out what your friends and family know about security
- Have an Internet Security Party

**The goal is to get you to open the attachment
or click on a link**



What You Must Do.

- When traveling
 - Keep your laptop, phone, PDA, & other devices with you at all times
 - Never “trust” anyone, your hotel or their safe
 - Beware of customs and other checkpoints
 - Remove the hard drive, or SIM card or disable the device
 - Use encryption, strong passwords, and change them often
 - Do not have unnecessary information stored

Using public sources openly and without resorting to illegal means, it is possible to gather **“at least 80%”** of the information about the enemy” – Al-Qaeda terrorist training manual



Protecting Yourself

- Passwords
- Screen Lock
- Password at Start Up
- Be a user and not admin
- Encryption
- Close windows with the X
- Work only in https
- Disable or limit folder & printer “sharing” options
- Save sensitive files in an encrypted archive file
- When surfing...close MS Office Programs

You need to “play” offense



Protecting Yourself

- ISP
 - Get to know your ISP and their Security

- PC
 - Firewall
 - Operating system up to date
 - Anti-virus and spyware installed
 - Spam Filter
 - Disable Unneeded Software

- Browser Configuration & Maintenance (Firefox)
 - Delete Cookies, Files, and offline content
 - Settings: bullet next to “Every Visit to Page”
 - Security setting to high and use trusted sites
 - Privacy tab – default
 - Block pop-ups
 - Control Active



Persona

Who you are on the internet

Directorate Mission Services | DAC

Computer

- IP Address
- Operating system version
- Operating system language
- Clock time

Clipboard

- Your clipboard can be viewed by the site you visit

What you copy and paste?

- passwords
- web addresses
- physical addresses
- names
- sensitive search terms

HTTP Referer

- Identifies URL of the previous webpage from which a link was followed

Browser

- Version
 - Who was last to use Netscape?
 - What does DoD use?
- Title
- History: sites visited within a “session”.
Session can last life of account to yrs.

Cookies

If you fill out a form from this info MIGHT be in a cookie:

- Your name
- Address
- Email
- Credit card number
- User preferences
- Web surfing behavior
- Contents of electronic shopping carts
- Website you have visited



Persona

Who you are on the internet

Browser information – <http://browserspy.dk>

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- | | | | |
|--------------------|--------------------|---------------------------|----------------------|
| Accepted Filetypes | Email Verification | Objects | Silverlight |
| ActiveX | Flash | Object Browser | Sound Card |
| Adobe Reader | Fonts via Flash | Online/Offline | SVG |
| Ajax Support | Fonts via Java | OpenDNS | Text Formatting |
| Bandwidth | Gears | OpenOffice.org | File Upload |
| Browser | Gecko | Opera Browser | UserAgent |
| Capabilities | Geolocation | Operating System | VGScript |
| Colors | Google Chrome | Google PageRank | WAP Device |
| Components | GZip Support | HTTP Password | WebKit |
| Connections | HTTP Headers | Ping | Web Server |
| Cookies | HTTP | Plugins | Window |
| CPU | Images | Plugs | Windows Media Player |
| CSS | IP Address | Prefetch | |
| CSS Exploit | Java | Proxy | |
| Cursors | JavaScript | Personal Security Manager | |
| Date and Time | Languages | QuickTime Player | |
| DirectX | Mathematical | RealPlayer | |
| Document | MathML Support | Resolution | |
| .NET Framework | MIME Types | Screen | |
| | Mobile | Security | |
| | Network | Shockwave | |

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Persona

Who you are on the internet Browser information

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- ActiveX:** is activeX available and active on your browser
- Browser:** name, version, layout, operating system
- Cookies:** are cookies enabled and supported in the browser, type of cookies
- CPU:** what central processing unit (cpu) your system has
- CSS Exploit:** detect which sites you have been visiting lately
- Date and Time:** time and date on your system
- Email Verification:**..... find out if your email address can be verified; mail server setup
- Fonts:** find out which fonts your system has installed using Flash and Java
- Geolocation:** find out where in the world you are; based on IP address
- Images:** which image formats your browser supports
- IP Address:** what your IP address is
- Languages:** which languages your browser supports and which languages it says it accepts
- Operating System:** which operating system you are using
- Plugings:** which plugins your browser has installed
- Proxy:** if you are using a proxy to connect to the internet
- Resolution and Screen Size:** information about your screen
- Security Information:** encryption strength



Take Away

- 3 Magic Questions
 - Why are you sharing the information?
 - What is the person going to do with the information?
 - How will the information be stored

- Family Internet Contract

- Back Up, Back Up, Back Up

- You Don't Leave Your Front Door Open. Do You?

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