

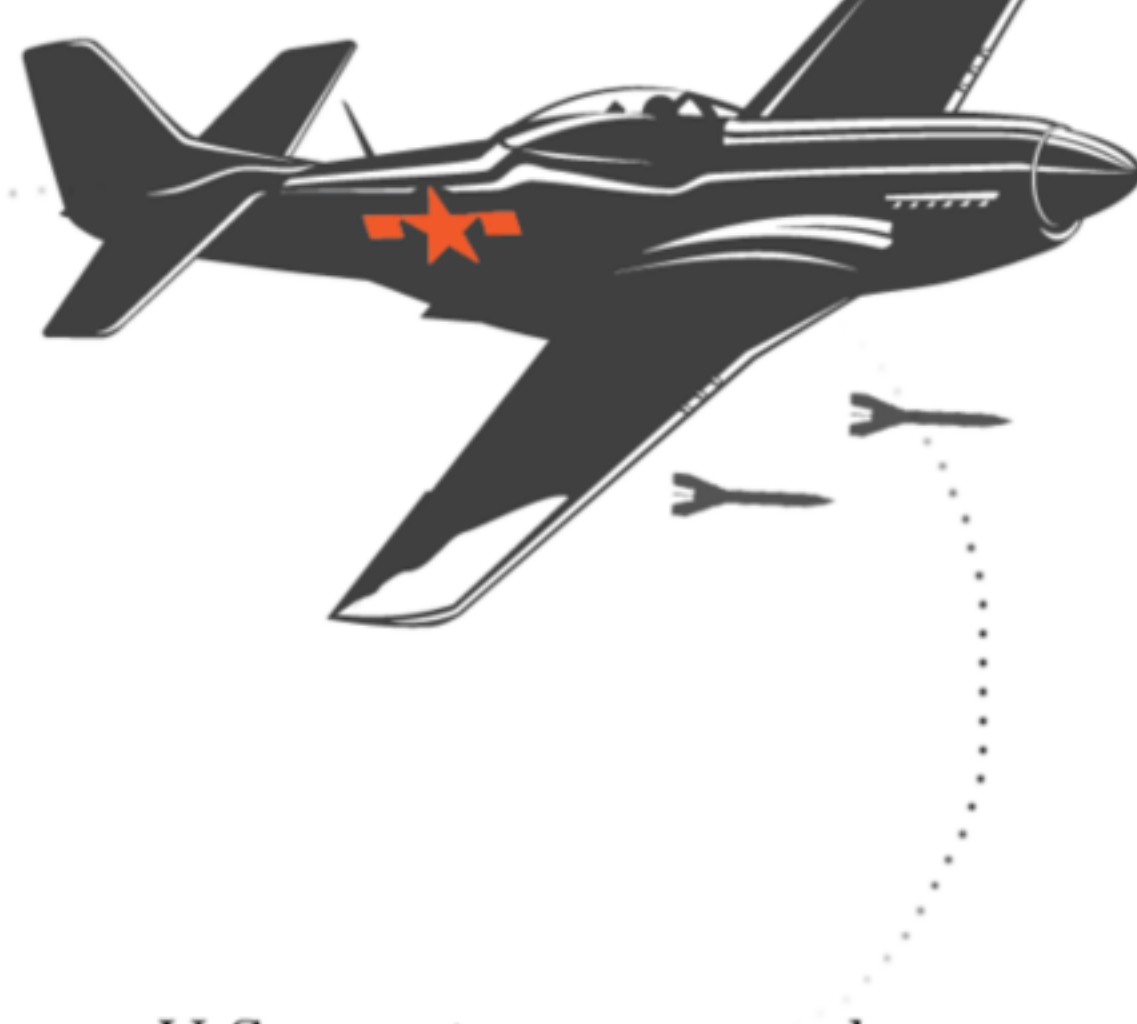
IS YOUR PASSWORD REALLY

PROTECTING YOU?



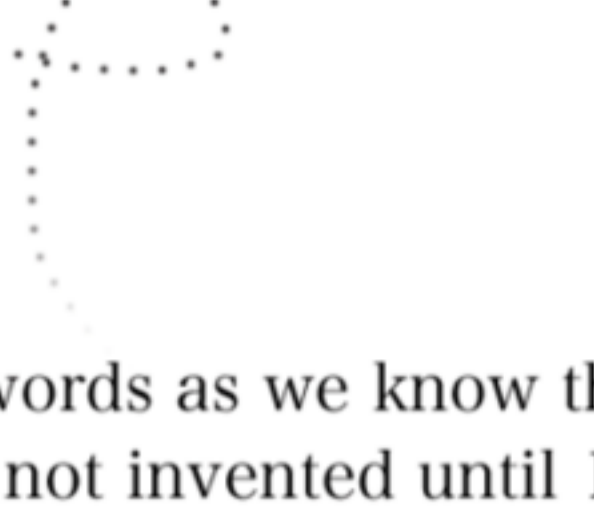
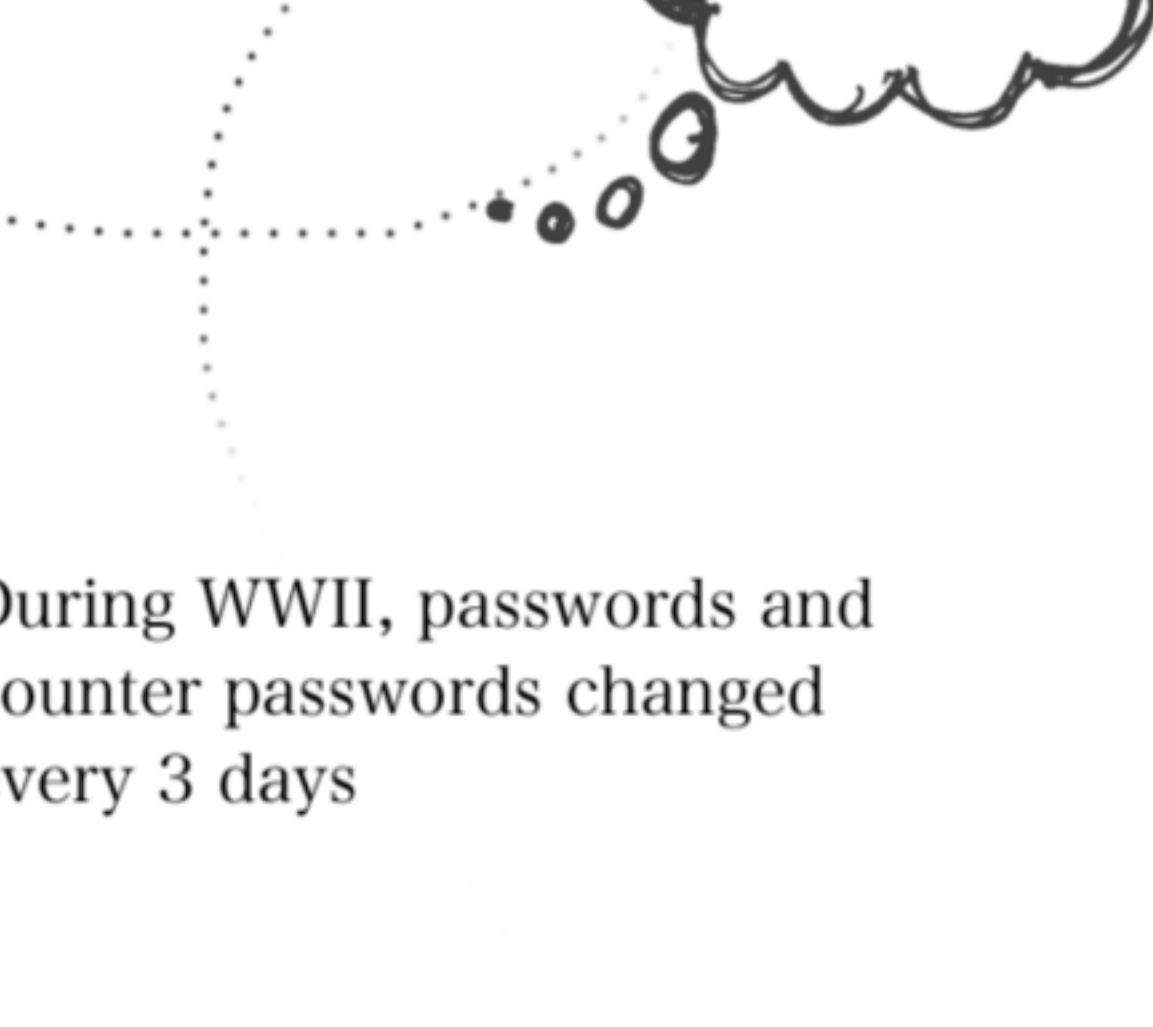
• Passwords Evolved As A Military Strategy

Before computers, passwords were used by soldiers in WWII.



U.S. paratroopers used passwords and counter passwords as unique methods of identification on D-Day and the Battle of Normandy in 1944

Counter passwords were in challenge-and-response format (Example: Commanders would say flash, and then soldiers would respond thunder)



During WWII, passwords and counter passwords changed every 3 days

Passwords as we know them today were not invented until 1972, and did not come into use until 1974.

Invented by:
Robert Morris



Your Privacy Is Largely Dependent On Password Protection

- ATM PIN
- Cell Phone Passcode
- Computer Access
- Email Account
- Online Banking
- WiFi Network Key
- Social Media Accounts
- Security System Alarm Code
- All Password Protected Websites



Multiple Passwords Are A MUST!

The average person regularly visits **25 password** protected sites BUT only uses **6 different** passwords.

73%

of people use the same password for multiple sites

33%

of people use the same password for EVERY site

32%

of people save passwords and other login information on a cell phone

62%

of smartphone owners do NOT use a passcode to secure their phone

Most People Use Weak Passwords

Complicated passwords are the key to protection and are much harder to hack.

4%

of people use the word "password" as their password

25%

of the top 20 most common passwords, are first names

3min

An expert hacker can crack the average password in under 3 minutes

5%

of men use their partner's name in passwords

30%

of women use their partner's name in passwords

6

The average password is 6 characters and all lowercase letters

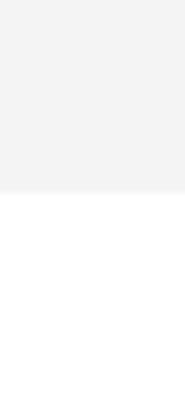
Top 10 Weakest Passwords Of 2012

1. password
2. 123456
3. 12345678
4. abc123
5. qwerty
6. monkey
7. letmein
8. dragon
9. 111111
10. baseball

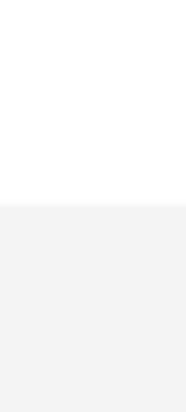


The Do's an Don'ts of Creating a Secure Password

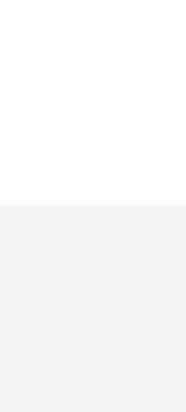
THE DO'S



1. *********
Make your password 8 characters or more
Anything less than this is considered weak
2. **ABC abc 123 @\$&**
Use a mix of all 4 character types
Uppercase, lowercase, numbers, and special characters
3. **e.g. YouOweMe\$4Gas**
Choose a password you'll remember
A strong password won't do you any good if you forget it often
4. **★★★★★ VERY STRONG**
Test your password
Many secure sites will tell you the strength of your password and/or make suggestions on how it could be made stronger
5. **888.987.6543**
Set up a password recovery method
Mobile phone is the best method since it is in your physical possession
6. **2xs / year**
Change your password twice a year



THE DON'TS



- Use public information**
Your name, birthday, kids' names, spouse's name, anniversary, etc. are all public record and cyber criminals look to these for hints
- Use complete words**
Passwords that use full words are significantly easier to crack
- Write your password down**
Avoid writing your password down on paper, especially on post-it notes. If you must write it down, use hints rather than the entire password
- Use the same password for multiple accounts**
It makes you a one stop shop for cyber criminals
- Log in to your private accounts on public computers**
The information could be saved, or you could forget to log out
- Tell anyone your password**
Your passwords should be known by you and only you

Always create strong passwords to protect yourself from cyber criminals. For more online safety tips, visit Instant Checkmate!



SOURCES

<http://www.freeauth.org/passwords> | <http://creativecartels.com/blog/how-strong-is-your-password-infographic/>
<http://www.gdlearnfree.org/internet-safety/2> | <http://us.protectyourbubble.com/blog/free-infographic-identity-theft-statistics/>
<http://www.tech1.com/2012/08/the-facts-about-passwords/> | <http://www.graphs.net/2013/02/facts-about-passwords.html>
<http://arstechnica.com/security/2013/05/how-crackers-make-minced-meat-out-of-your-passwords/>
<http://www.bloggasson.com/bloggging-tips/580-million-years-hacker/>