

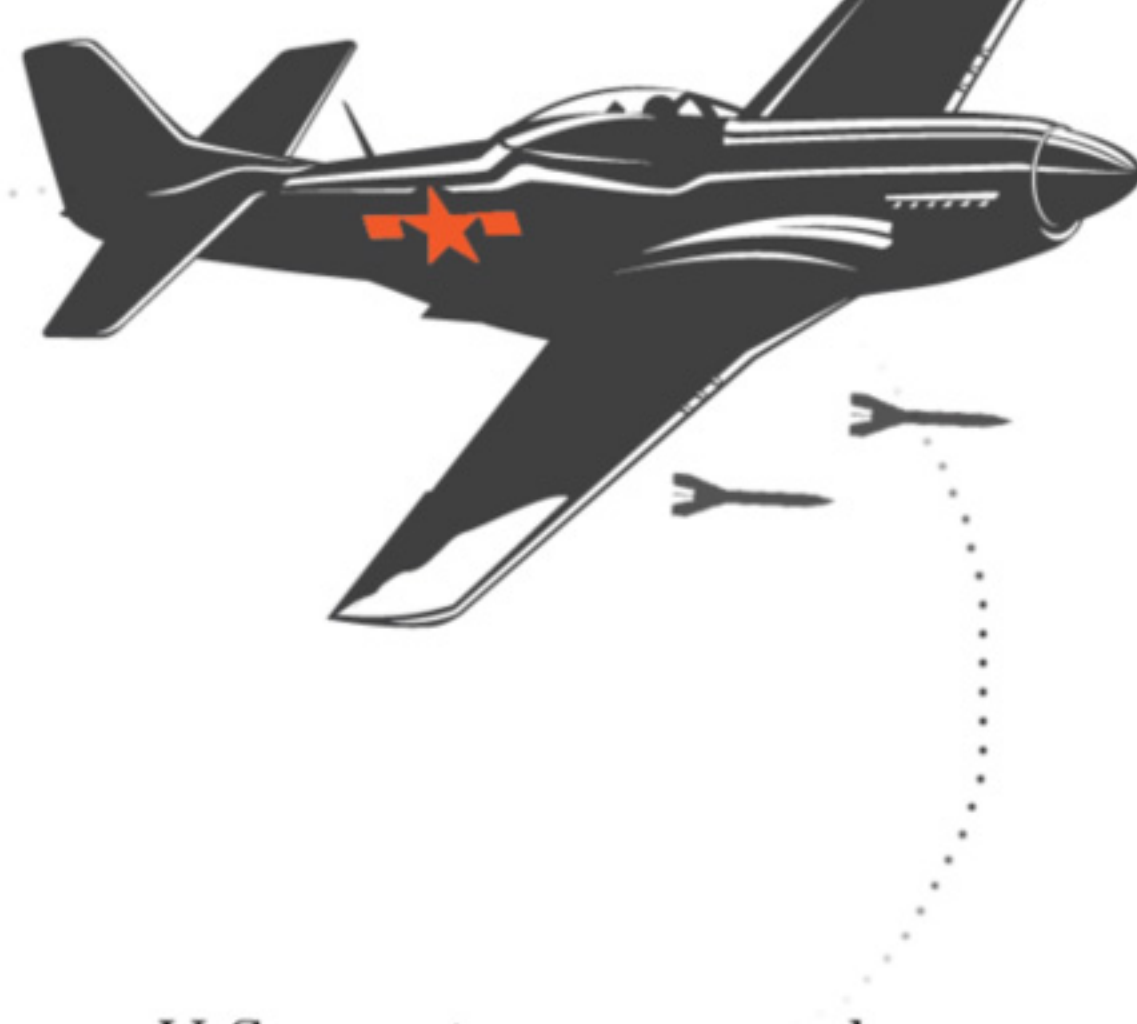
IS YOUR PASSWORD REALLY

# PROTECTING YOU?



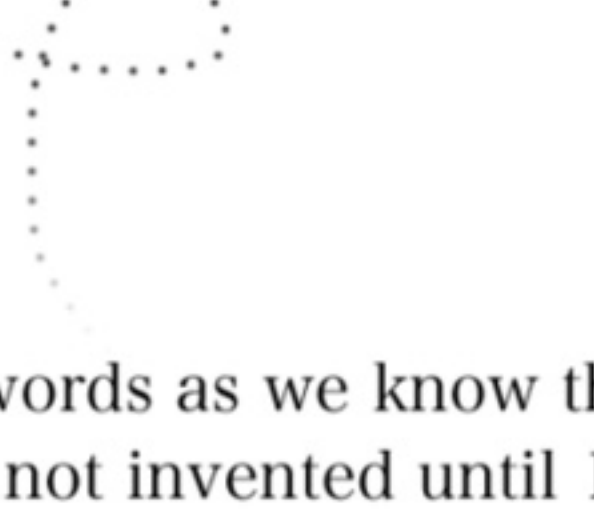
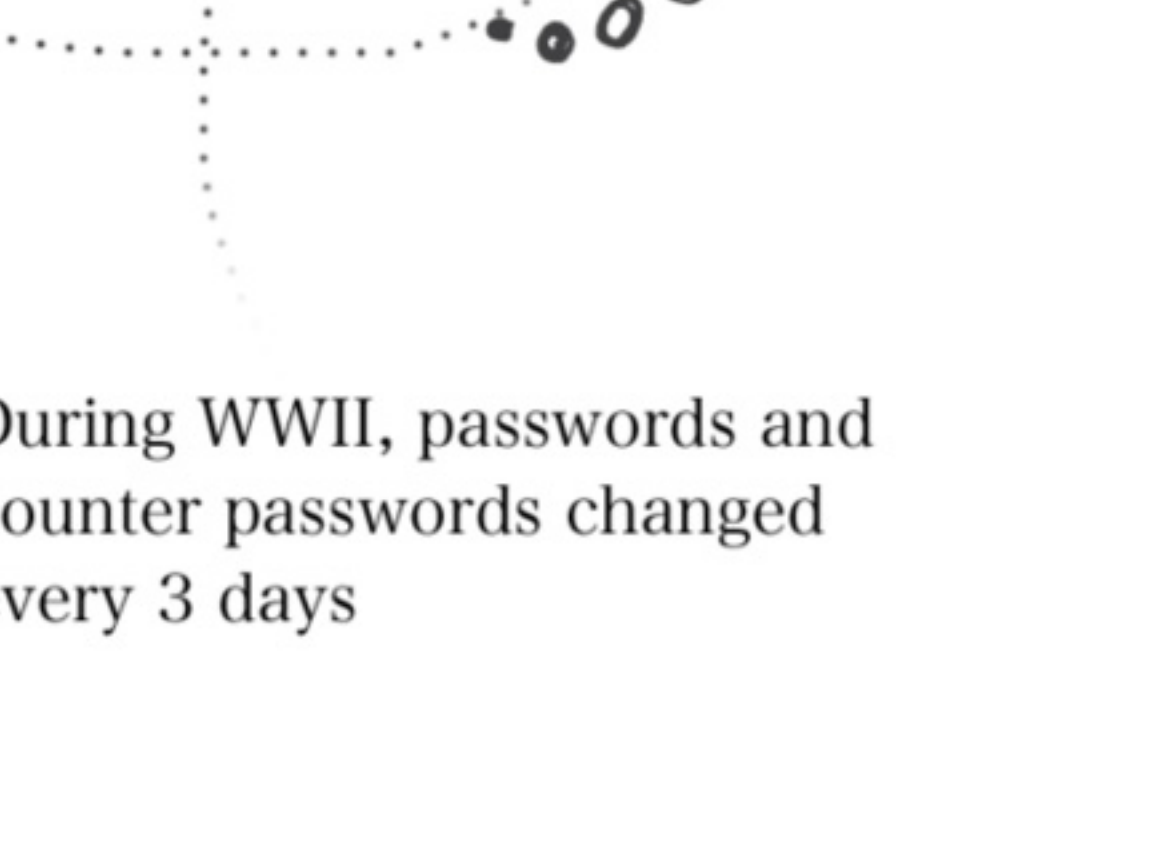
## • Passwords Evolved As A Military Strategy

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

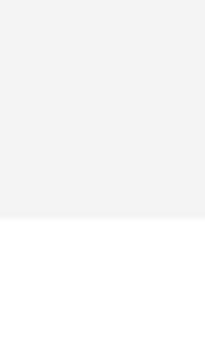
## Top 10 Weakest Passwords Of 2012

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.freemath.org/passwords> | <http://creativecartels.com/blog/how-strong-is-your-password-infographic/>  
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