Internet and Computer security/anonymity tools and programs
More details and links to tutorial videos below.

FREE SOFTWARE PROGRAMS:

KeePass   Create and maintain multiple complex passwords and store encrypted.

Veracrypt   Create encrypted volumes, hidden volumes and encrypt whole disks

pgp4usb   Create encryption keys to keep portable on a thumb drive

Email:

Local control (on your computer)

Thunderbird email client allows you to manage your POP3 email accounts all in one place, as well as set up PGP encryption for end-to-end encryption with other PGP encryption users.

Internet-based: (Recommend overseas email services outside of the 'Five Eyes' – US, UK, Canada, Australia, New Zealand.

Three great overseas-hosted encrypted email services are:

- Startmail (Germany) Has POP3

- UNSEEN.IS – (Iceland) Has POP3

- Protonmail (Switzerland) Does NOT have POP3 capabilities at this time

To avoid a false sense of security trap, online encrypted email services only encrypt your traffic once it hits their server. SSL Security is NOT ENOUGH. You must use GPG encryption so you are secure end-to-end and/or a VPN encrypted tunnel from your computer to the server. See more on VPNs below.

NOTE: Security is a pain. It is a much bigger pain for your adversary. The more secure you are, the more of a pain it is for everyone, but when lives are on the line DO IT!

Internet Security:

NordVPN   Virtual Private Network (Creates encrypted tunnel and changes your IP Address)

TAILS/TOR   The Amnesic Incognito Live System/The Onion Routing network (Dark Net)

This is not conclusive. There are many alternatives and additional tools which could be listed. The information above was quickly put together for some leadership who said "bottom line, just tell me what to get."

PRIORITY LIST:

1. KeePass (Two tutorial videos to choose from):

   https://www.youtube.com/watch?v=GyuVLIbmI5U

   https://www.youtube.com/watch?v=wDGaCgP7l5I

2. NordVPN
   Nord VPN Tutorial Videos:
   https://www.youtube.com/watch?v=vrY87LNZ3cE

   NordVPN Channel: https://www.youtube.com/channel/UCSZhRxyloC-qzURiOa3vbFQ

3. Encrypted email (GPG Encryption)
Thunderbird   Download - For importing all your POP3 emails, and encrypting using PGP Encryption.
   Thunderbird and PGP Youtube Setup tutorial videos: (both are good, first one is better)
   https://www.youtube.com/watch?v=hy3_duCVogY
   - or -
   https://www.youtube.com/watch?v=6AwrJSfV8tg

4. Veracrypt
   Tutorial:

5. TAILS/TOR (Persistent)
   All about TAILS, TOR, and getting started:
   https://www.youtube.com/watch?v=zXUcYMscIbE

6. pgp4usb (Portable Encryption)
   Tutorial: https://www.youtube.com/watch?v=EopEoVr1b2U

7. PGP for MAC USERS: https://gpgtools.org/

- KANGURU TRUST (flash drive) – I use this for TAILS/TOR operating system. Should be used for transferring files from one computer to another. It is a good idea to reformat the disk each time, giving it a clean sweep before inserting it into another computer. EACH TIME.

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ENCRYPTED MOBILE PHONE APPS:

- **Wickr** (Texting) Sharing of personal names and phone numbers not required

- **Signal** (Calling/Texting) Must know each other's phone numbers.

<u>**Computers:**</u> **(If you have an option, such as looking for a laptop at a pawn shop, etc.:** <u>**AMD**</u> **Processor preferred,** <u>**not Intel**</u>**. Intel is faster, but confirmed back doors)**

- Secure/Sanitized Laptop (Linux Preferred)

CLEAN UP YOUR PRIVATE ONLINE INFORMATION

http://massprivatei.blogspot.com/2015/12/how-to-delete-your-personal-info-from.html

A few temporary (burner) email services (Don't forget to use TOR or a VPN to connect to these sites):

http://10minutemail.com/10MinuteMail/

https://www.guerrillamail.com/

https://forward.cat/

https://meltmail.com/

<u>LINUX Resources:</u>

How to install VeraCrypt on Ubuntu 14.04 (2015)
https://www.youtube.com/watch?v=5pCLoA97gzQ&feature=youtu.be

PlayOnLinux (Allows Windows-only products to operate on Linux systems)
https://www.playonlinux.com/en/

Clean up your PERSEC (Personal Information Security)
aka. Reduce your internet information footprint:

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http://massprivatei.blogspot.com/2015/12/how-to-delete-your-personal-info-from.html

www.familytreenow.com/optout

Do an internet search: "delete my identity from the internet" for numerous articles with various recommendations and websites.

NOTES ON INTERNET and COMPUTER SECURITY:

1. Anonymity and Security are not the same. You can send an encrypted email from yourself to Joe Schmoe. Based on the metadata and subject line, a lot can be gleaned about who sent the message, where it was sent from/to, and the subject line is in the clear and readable. The encrypted content (email body and attachments) cannot be read however.

2. True anonymity can be achieved several ways which is not covered in the 'down and dirty' guide. You'll learn more about anonymous messaging and online 'dead drops' in other documentation.

3. Consider all communications to be especially UNSECURE if you are not using TAILS/TOR or a VPN. The VPN is the most practical tool to create an encrypted tunnel directly from your computer to the VPN server. A VPN will also allow you to change your identity-linking IP address and also encrypts your traffic. It is the most practical tool as it allows you to still function as you normally would on the internet, and nearly just as fast. NordVPN is noted to have among the fastest internet speed servers.

This is not conclusive. There are many alternatives and additional tools which could be listed. The information above was quickly put together for some leadership who said "bottom line, just tell me what to get."