DIGITAL SECURITY 101

TOOLS AND TECHNIQUES
WHAT IS DIGITAL SECURITY

- Digital security is the protection of your digital identity - the network or internet equivalent of your physical identity. Digital security includes the tools you use to secure your identity, assets and technology in the online and mobile world.
DIGITAL SHADOWS

IT’S IMPORTANT FOR US TO KNOW HOW OUR ONLINE INTERACTIONS GET INTERPRETED IN THE DIGITAL WORLD AND FORMS SHADOWS ABOUT US.

WATCH THIS VIDEO: HTTPS://MYSHADOW.ORG/VISUALISATIONS/ANIMATION
TOOLS AND TACTICS

• ANONYMOUS BROWSING
  • TOR

• EMAIL ENCRYPTION
  • MOZILLA THUNDERBIRD
  • ENIGMAIL
  • PGP/GNUPG

• ENCRYPTED CHAT (IM)

• ENCRYPTED VOIP

• MOBILE SECURITY

• ENCRYPTING YOUR SMS AND PHONE CHATS
  • CHAT SECURE
  • TEXT SECURE
EMAIL ENCRYPTION

- MOZILLA THUNDERBIRD
- ENIGMAIL (MOZILLA THUNDERBIRD ADDON)
- PGP/GNUPG/GPG4WIN
ENCRIPTED VOICE CHAT

- **JITSI**

  JITSI LETS YOU COMMUNICATE WITH FRIENDS AND CONTACTS ACROSS THE INTERNET. JITSI PREVENTS EAVESDROPPING BY AUTOMATICALLY ENCRYPTING YOUR CONVERSATION FOR THE FULL DURATION OF ITS TRIP ACROSS THE INTERNET (“END-TO-END ENCRYPTION”). THIS MEANS THAT EVEN YOUR VOICE CALLING SERVICE (GOOGLE, FACEBOOK, JIT.SI, ETC.) CANNOT LISTEN TO THE CONTENTS OF YOUR CALL.

- **HTTPS://JITSI.ORG**

- **NB:** IT'S NOT A MUST YOU DOWNLOAD JITSI, IT CONNECTS DIRECTLY VIA GOOGLE CHROME.

- **ALL YOU NEED IS THE OTHER PERSON’S JITSI CONTACT VIA A LINK THEN YOU COPY AND PASTE IT IN GOOGLE CHROME’S ADDRESS BAR**
ENCRYPTED INSTANT MESSAGING (IM)

- **PIDGIN**
- **HTTPS://WWW.PIDGIN.IM/DOWNLOAD/WINDOWS**
- **ALTERNATIVELY**
- **FOR LINUX USERS, PIDGIN COMES PREINSTALLED**
TOR - THE ANONYMOUS BROWSER

• TOR IS FREE SOFTWARE AND AN OPEN NETWORK THAT HELPS YOU DEFEND AGAINST TRAFFIC ANALYSIS, A FORM OF NETWORK SURVEILLANCE THAT THREATENS PERSONAL FREEDOM AND PRIVACY, CONFIDENTIAL BUSINESS ACTIVITIES AND RELATIONSHIPS, AND STATE SECURITY.
THANK YOU ALL FOR COMING