

Traveling Safely With Smartphones

Traveling with Smartphones - Do's and Don'ts

- Consider pay-as-you go phone or replacing SIM card
- Disable GPS or location services services for most apps
- Assume that all information on your device could be compromised while traveling in a foreign country
- Do not allow apps to access Social Media
- Never store passwords or sensitive information on your smartphone
- Do not allow auto connect to WiFi
- Consider sanitizing emails prior to travel
- Examine all mobile devices for evidence of tampering upon your return
- Ensure you use complex passwords

To Do When Traveling

Ensure that your phone's software is up to date

- Use apps to ensure that the software on your smartphone is up to date.

Go to Settings > general > Software Update

Check to see if your software is up to date; if not, your iPhone will prompt you to download the latest software

Android

Go to Settings > About Phone > System Updates

System updates

Your system is up to date.
Last checked for update at 8:03PM.
Check now

Check to see if your software is up to date; if not, your phone will prompt you to download the latest software

Protect your phone against Malware

- Like a computer, your phone is vulnerable to malware. Use anti-virus apps to ensure that your phone is protected.

MISSING DEVICE Ready
SECURITY Secure

System Advisor Up to date
Location Services Location Services are running
Process Monitor No malicious processes detected

Use the Lookout app for iPhone Go to Security > Process Monitor to see if malicious processes are running on your iPhone

AVG AntiVirus FREE

Protection Performance
Anti-Theft Privacy

Run first scan
Scan Now

Use the AVG Antivirus FREE app for Android Click Scan Now to scan for viruses

Set your phone to lock automatically

- In case you lose your device, you want your smartphone to lock automatically to prevent physical access.

Go to settings > General > Auto-Lock Set the Auto-Lock to 1 Minute

Auto-Lock 1 Minute >
Restrictions Off >

Go to Settings > Display > Sleep Set the phone to sleep after 1 minute

Display
Brightness
Wallpaper
Auto-rotate screen
Sleep After 1 minute of inactivity

Go to Settings > Security > Automatically Lock immediately

Security
SCREEN SECURITY
Screen lock Password
Automatically lock Immediately after sleep

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Traveling with Smartphones - Best Practices

- Assume that your phone may be scanned forensically when you enter a foreign country
- If possible, encrypt the data on your phone
- Consider installing a VPN on your device as more secure alternative to saving information locally

To Do When Traveling

Disable Wi-Fi and Bluetooth

- Disable Wi-Fi and Bluetooth on your smartphone; Wi-Fi and Bluetooth can render your smartphone vulnerable to malware and hacking.

Use a 10+ character password or Screen Lock Pattern

- Short passwords are vulnerable to brute force attacks. Choose a password with a combination of letters, numbers, and symbols. If using a Screen Lock Pattern, choose a complicated pattern.

Recover lost or stolen smartphones and wipe data

- Find my iPhone and Cerebus can locate lost devices and wipe data remotely from lost or stolen smartphones.

iPhone

Go to Settings > Wi-Fi > turn Wi-Fi off

Go to Settings > Bluetooth > turn Bluetooth off

Go to Settings > Passcode Lock > Turn Off Simple Passcode

Enter a new passcode with 10+ characters, symbols, and numbers

Android

Go to Settings > Wireless & Networks > turn Wi-Fi off

Go to Settings > Bluetooth > turn Bluetooth off

Go to Settings > Security > Screen Lock > create a screen lock pattern

Use the Cerebus app to recover lost or stolen Android Smartphones and wipe data remotely from the device memory and SD card

Useful Links

A Parent's Guide to Internet Safety
 Privacy Rights Clearinghouse
 Microsoft Safety and Security
 Online Guardian

www.fbi.gov/stats-services/publications/parent-guide
www.privacyrights.org/fs/fs18-cyb.htm
www.microsoft.com/security/online-privacy/social-network
www.onguardonline.gov/topics/social-networking-sites.aspx