

Why Wi-Fi Signal Tracking Matters

What This Means:

- ☕ Every café, restaurant, or airport with public Wi-Fi becomes a tracking point
- 🏢 Your office building can track your movements
- 🏠 Even home Wi-Fi networks could be exploited
- 🌐 In authoritarian countries: identify protesters and dissidents

What Can Be Done:

- Researchers are calling for encryption in future Wi-Fi standards (IEEE 802.11bf)
- Currently, "Beamforming Feedback Information" is sent unencrypted
- Until standards change, be aware this tracking is possible

Protecting Your Data While Traveling

Border Security Reality Check

US border agents can search devices without warrants at 328 ports of entry AND within 100 miles of borders/ports (covers ~2/3 of US population).

✗ Can Be Compelled

- Unlock with Face ID
- Unlock with Touch ID
- Unlock with fingerprint

✓ Cannot Be Compelled*

- Reveal your password
- Enter your passcode

*Not settled law—varies by jurisdiction