

# The Wi-Fi Threat You Never Knew About

Public Wi-Fi routers can now identify you with near 100% accuracy—even if you have NO devices with you.

PC World - Public Wi-Fi Routers Can Identify You

How It Works:

- Wi-Fi signals bounce off your body as you move through a space
- Routers analyze these signal changes using AI
- Creates a unique "signature" based on your body's effect on radio waves
- Uses other people's connected devices—not yours

Turning off your devices doesn't help. The router uses signals from OTHER connected devices to "see" you.

# 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