South-West Texas Border
Small Business
Development Center Network
The University of Texas at San Antonio

UTSA

TEN TIPS to Secure Small Business Wi-Fi

1 Change Default Settings

On ALL the hardware (routers, repeaters, access points, etc.) that runs your Wi-Fi network and devices (laptops, mobile phones, scanners, etc.) that utilize the Wi-Fi network

2 Enable Strong Encryption

WEP and WPS bad; WPA2 good (WPA2 Enterprise is even better)

3 Utilize and Separate Multiple Wi-Fi Networks

One network for business operations, one network for your Internet of Things (IoT) devices (thermostats, smart devices, surveillance cameras, etc.), and one guest network for your guests and your employees' personal devices

4 Be SSID Smart

Don't broadcast your business operations or IoT networks Wi-Fi SSID (network name); if you have to broadcast the SSID, name it something random such as 'KWSD452' and not your businesses name or something that identifies the equipment in use (i.e. 'linksys_1234')

5 Update, Update, Update

Regularly check for and apply any firmware or software updates for your Wi-Fi components

6 Location, Location, Location

Keep all Wi-Fi components out-of-reach from your employees and guests or lock them up in network cabinets or enclosures

7 Manage Access

When any employee leaves the business immediately terminate access and change any password known by that former employee

8 Configure Properly

Have a professional design and configure your Wi-Fi network

9 Be Aware

Review your network logs; educate yourself and your employees on the threats, vulnerabilities, and risk associated with Wi-Fi; occasionally inspect your network components for any tampering or unauthorized devices (such as a rogue access point)

10 Wi-Fi Scheduling

The Wi-Fi in your business should only be operating when you are; save money and reduce your risk be disabling the Wi-Fi after hours

Building the Texas economy one business at a time

South-West Texas Border
Small Business
Development Center Network
UTSA SBDC Center for Government Contracting

SBA

AMERICA'S SBDC

Funded in part through the State of Texas and a Cooperative Agreement with the U.S. Small Business Administration. Reasonable accommodations for persons with disabilities or limited English proficiency will be made if requested at least two weeks in advance. Contact SBDC COVID Business Recovery Accelerator.