

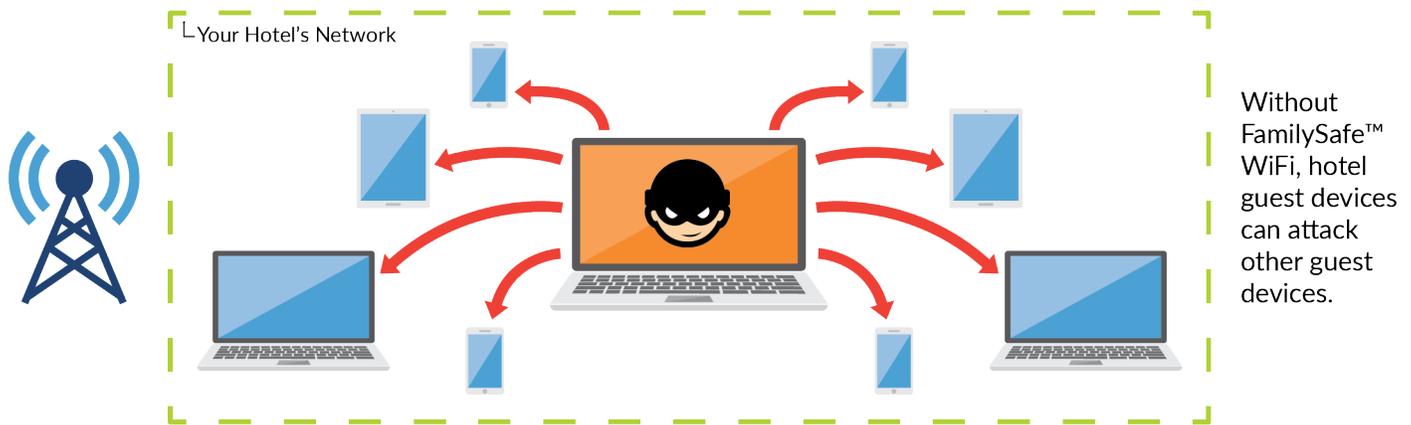
# Thinix FamilySafe® WiFi

## Helping Protect Guests On Hotel WiFi Networks

### Thinix FamilySafe WiFi Security Difference

Thinix FamilySafe WiFi services help our partners deepen their understanding of their businesses and customers. By providing secure, isolated WiFi access to staff, employees, and guests, FamilySafe WiFi strategically protects your business' data, networks, and end-user privacy.

On a normal (shared) hotel WiFi network, guest devices use a protocol called ARP to discover other computers on the network. ARP is a required, low-level technology that enables networking to occur. However, it can be used maliciously to discover other network users (devices). Thinix FamilySafe WiFi uses exclusive Thinix WiFirewall™ technology to protect users by isolating their network traffic – allowing guests to access the Internet but not access other WiFi users.



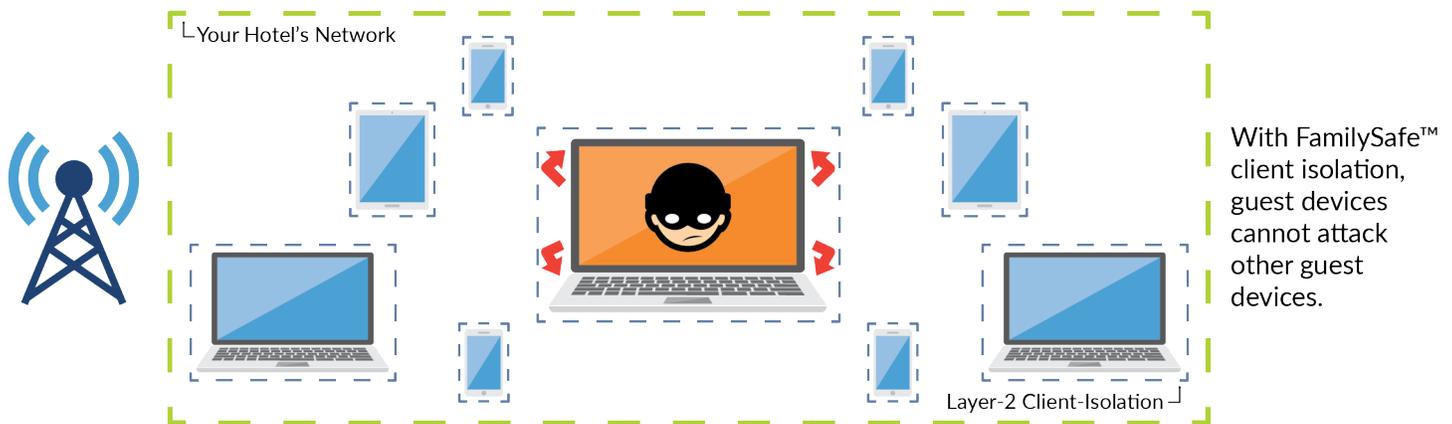
### Guests Using Normal Hotel WiFi Face Risks

When users connect to a WiFi network, their computers, smartphones, and tablets share a common network. Once joined to this network, viruses, malware, crypto-malware, and ransomware presented on just one guest device can easily attack other guest devices on the same network.

- **Malware Propagation**  
As we have seen with rapidly propagating malware (such as CryptoLocker, WannaCry, Petya, Goldeneye, Locky and many others), attacks can propagate quickly and affect all the devices on the network.
- **Man-In-The-Middle Attacks**  
Hackers then present to the network or hackers who have remote access software installed on a guests' device can also launch other network-based attacks such as man-in-the-middle (MIM) attacks.

Because all guest devices share the same network, a skilled attacker can use ARP poisoning attacks, allowing them to use MIM attacks to intercept traffic from unsuspecting WiFi users. With this technique hackers frequently gain access to guest accounts such as email, banking, and stock trading accounts.





## How Does Thinix FamilySafe WiFi Help?

Thinix FamilySafe WiFi systems provide layer-2 client-isolation. This means that each guest device is allowed to access the Internet, but is not allowed to access any other guest device.

With client-isolation enabled, when a user connects to the Thinix FamilySafe WiFi network, their computer, smartphones, and tablets are all isolated from each other. This prevents viruses, malware, crypto-malware and ransomware present on any device from attacking other guest devices.

## Is Thinix FamilySafe WiFi More Complicated?

No, guests join and use the WiFi network just like any other WiFi network. Guests will not know that client-isolation is activated, no software is required on the guest device, and no other steps are necessary for guests to use the hotels' WiFi network.

## Is Thinix FamilySafe WiFi Expensive?

Thinix FamilySafe WiFi is not expensive and is, in fact, less expensive than many other commercial-grade managed WiFi systems.



## Optional Content Filtering For Children:

With Thinix FamilySafe WiFi, content filtering is an option. By providing this additional security feature, Thinix FamilySafe WiFi can be used to provide filtered Internet access for children.

With this option, a hotel can provide both normal WiFi for adults and also provide content-filtered WiFi for children.

- Parents join their devices to the normal hotel WiFi network by connecting to the: Hotel-WiFi SSID. Traffic on this network is not filtered in any way.
- Parents may optionally join their children's devices to a special SSID (name) such as FamilySafe-WiFi. All traffic for this SSID passes through content filtering technology which is similar to filtering used in schools and libraries. This blocks most objectionable and pornographic content.

## Cutting Edge & Security-Conscious

We care about your WiFi users too. Thinix has developed cutting-edge Internet and reliable WiFi options as a means of strategically growing your business. With the Thinix FamilySafe WiFi security difference, you can gain peace of mind knowing that your users' devices and private information are kept much safer than a traditional network; making our WiFi solutions one of the most security-conscious options on the market today.

**Contact us today to request your free, no-obligation WiFi quote or to speak with one of our live representatives.**