

Why Xirrus?

FireDigit recommends and resells Xirrus as infrastructure for wireless internet ([www.xirrus.com](http://www.xirrus.com)). FireDigit recommends Xirrus over other current Access Points for Wi-Fi because Xirrus delivers :

- 2x more range
- 4x more coverage
- 8x more bandwidth
- 14x more throughput
- 75% fewer devices needed
- High density Wi-Fi: supports up to 1.000 simultaneous data users per Array.
- Highly resilient Wi-Fi: overlapping radios that prevent dropped sessions
- Power over Gigabit Ethernet

HotSpot Manager

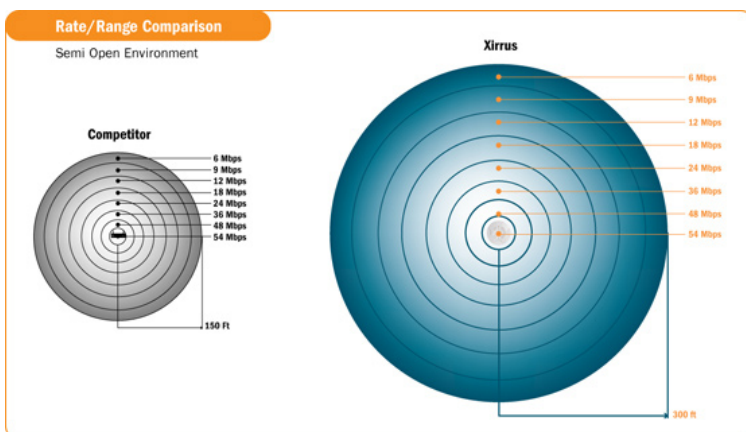
FireDigit links the HotSpot Manager directly to the Xirrus Wi-Fi Array. For this we use the captive portal. In this scenario the Xirrus will be used as the gateway. This means that there would be no extra cost for installing a gateway.

# FireDigit - Xirrus

It is a well-known fact that Wi-Fi becomes more and more popular in today's world: it's not only the portable PC, but also the I-Phone, Smart phones, PSP... that use the coverage of the Wi-Fi network. The HSM software is perfectly compatible with wireless internet-devices.

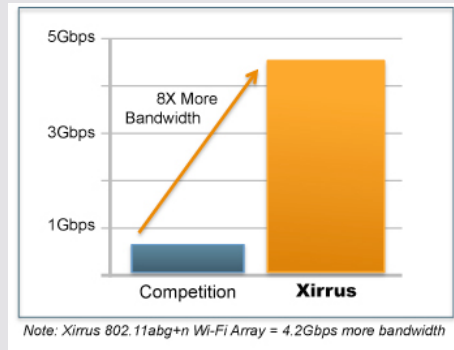


The Xirrus Wi-Fi Array is the only Wi-Fi device that can effectively replace a traditional Ethernet workgroup switch and provide users a wired experience over Wi-Fi. The Xirrus family of Wi-Fi Arrays provides an unparalleled level of capacity, range, coverage and performance to deliver Wi-Fi service that can replace the functionality of a traditional Ethernet switch. Now the ability to securely deliver data, voice and video (Triple Play) services to large user populations is realizable – and all at reduced deployment and ownership costs compared to traditional wired networks.



## Keys

**Bandwidth** becomes increasingly more important as the success of Wi-Fi grows – as the number of Wi-Fi users and applications grow, so does the need for more radios across more channels. Xirrus' arrays deliver 8x more bandwidth than any other player on the market these days.



The Wi-Fi Array's design of integrated components, security, and intelligence results in a solution that requires **75% fewer devices**, cabling, switch ports, space, energy, and installation time compared with any other offering.

Xirrus already delivers devices with the new standard in wireless internet: **802.11n**. Because of its new technologies, this new standard will provide the user with higher bandwidth, higher throughput, a longer range and more resiliency.

## Conclusion

The Xirrus Wi-Fi Array delivers the most coverage, bandwidth, throughput and support for more users on a per device and per system basis than anything else available on the market today.

Xirrus provides a **free site survey** service. In this survey they will setup an Array and do a walk around. What will be verified?

- Live, real-world range and coverage of the site using an active connection to the Xirrus Array.
- Signal strength, data rate, and TCP throughput at multiple locations throughout the building.
- Roaming between sectors of an Array and if requested in advance, between multiple Arrays.
- Gain an understanding of the Xirrus Array's management, including security, networking, monitoring and management.
- Number of Xirrus Arrays required and their installation locations.

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