

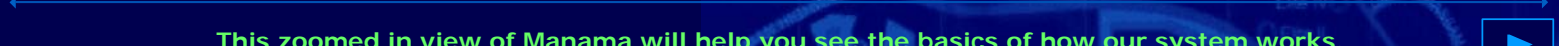


30.0 Miles / 48.28 Kilometres

Hello and welcome to the Air2Air Wireless Demonstration.
Please click the button to start >

[Start >](#)

Population: **Approx 660,000**



This zoomed in view of Manama will help you see the basics of how our system works.



Population: **Approx 660,000** Users Connected: **0**

Connection Speeds: ■ 2mb ■ 1mb ■ 512kb

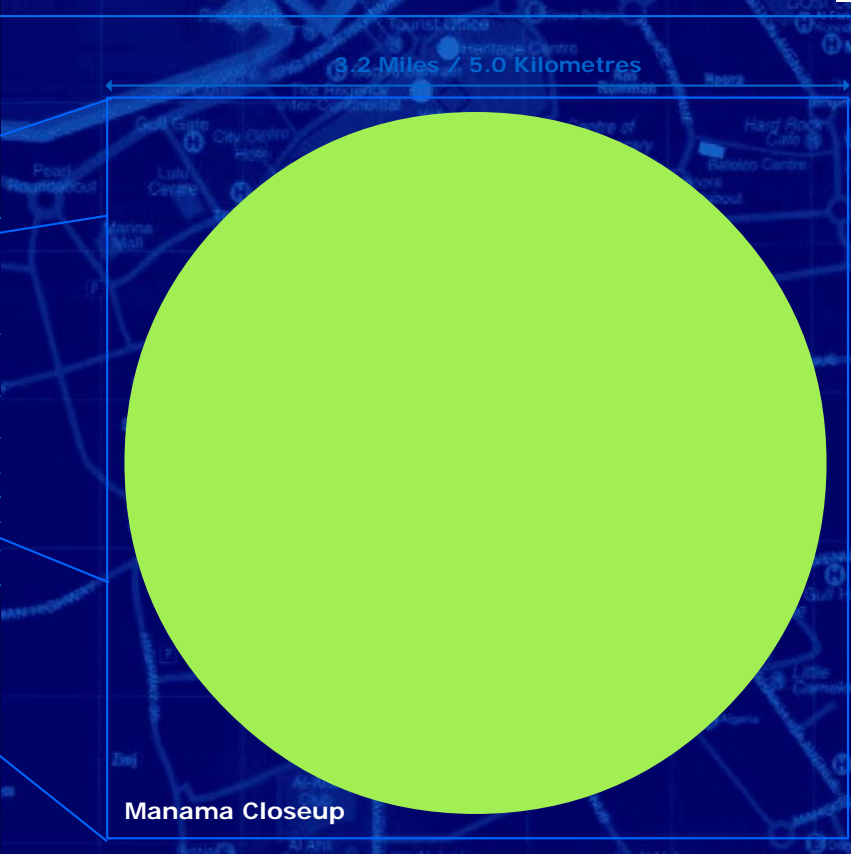


A main aerial is setup in a central location, preferably somewhere high above ground.
 This aerial connects directly to an Internet connection.

Population: **Approx 660,000** Users Connected: **100**

Connection Speeds: ■ 2mb ■ 1mb ■ 512kb





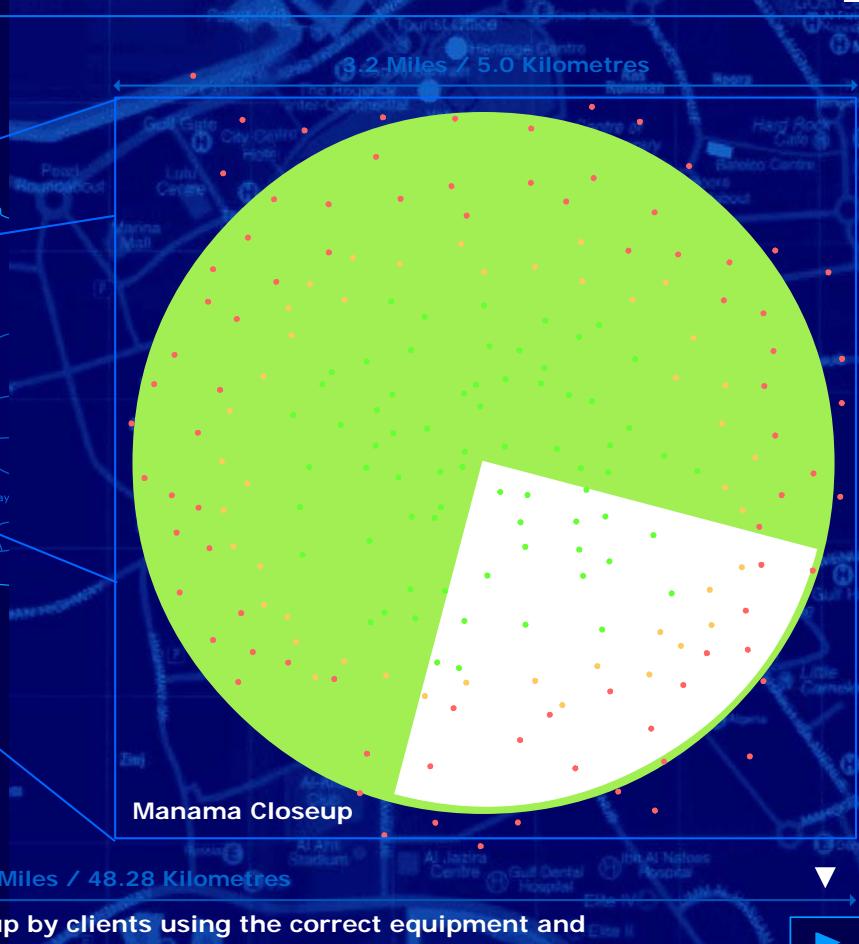
Manama Closeup

30.0 Miles / 48.28 Kilometres

This aerial will then send out a wireless signal across a wide area. In this case the area covered is approx 3.2 Miles / 5.0 Kilometres

Population: **Approx 660,000** Users Connected: **300**

Connection Speeds: ■ 2mb ■ 1mb ■ 512kb



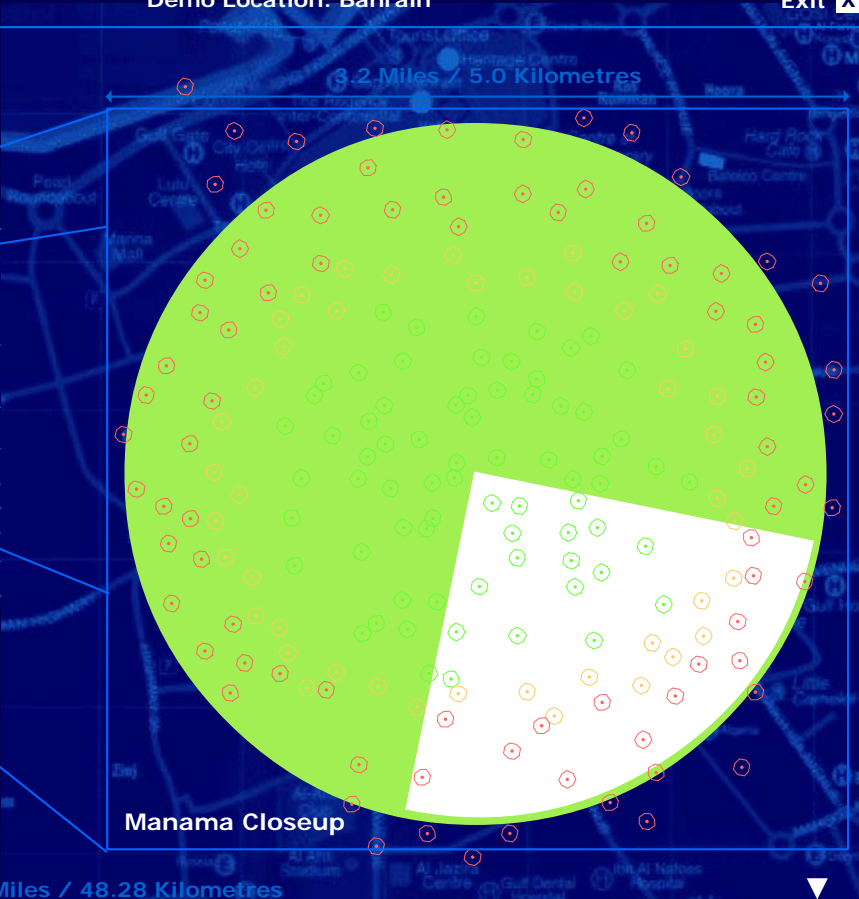
30.0 Miles / 48.28 Kilometres

This signal can then be picked up by clients using the correct equipment and relative ISP account details.

Population: **Approx 660,000** Users Connected: **400**

Connection Speeds: ■ 2mb ■ 1mb ■ 512kb





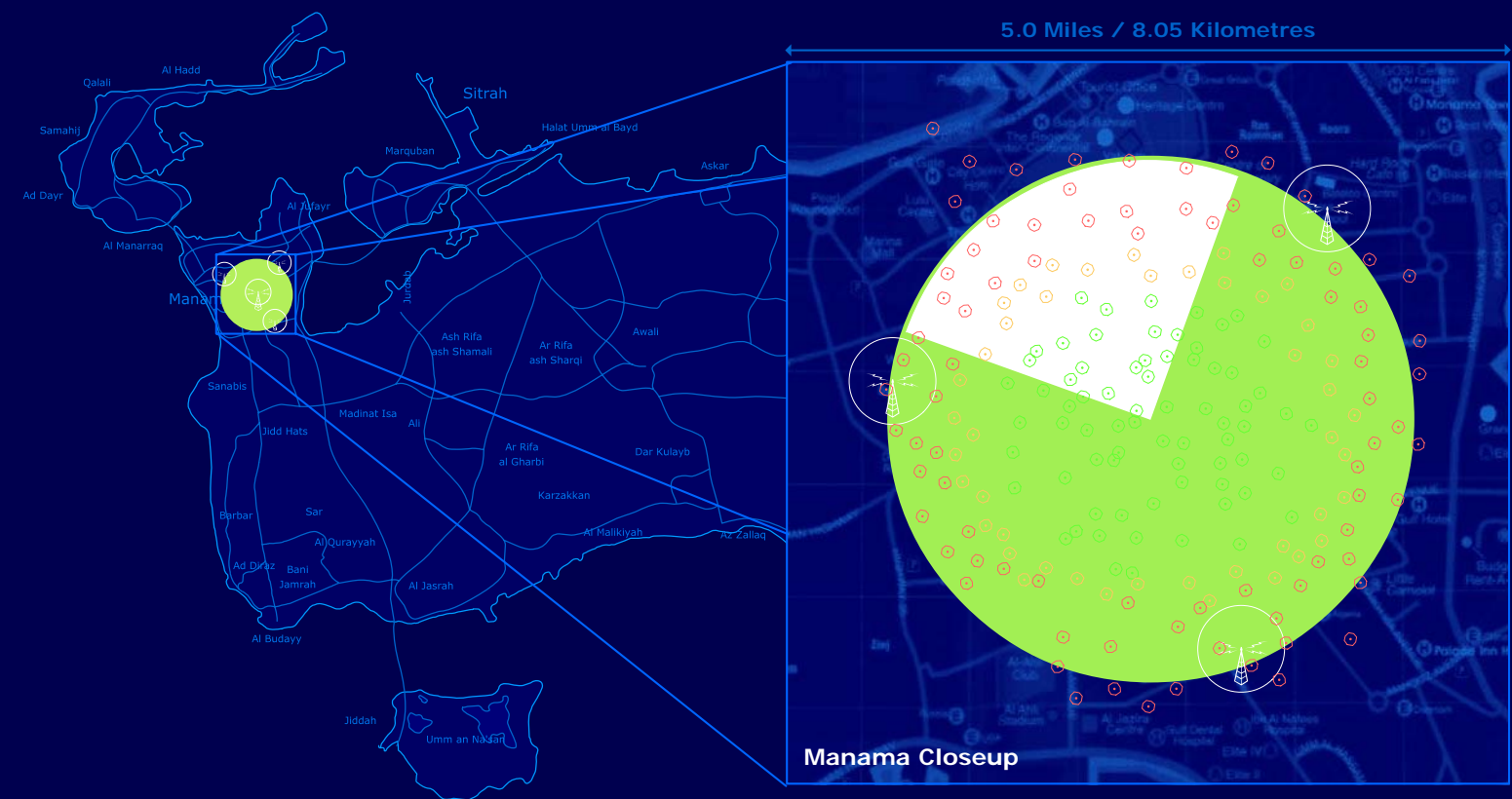
30.0 Miles / 48.28 Kilometres

As the distance between the aerial and its clients increases, the speed of the connection will slowly decrease, please see the connection key below.



Population: **Approx 660,000** Users Connected: **400**

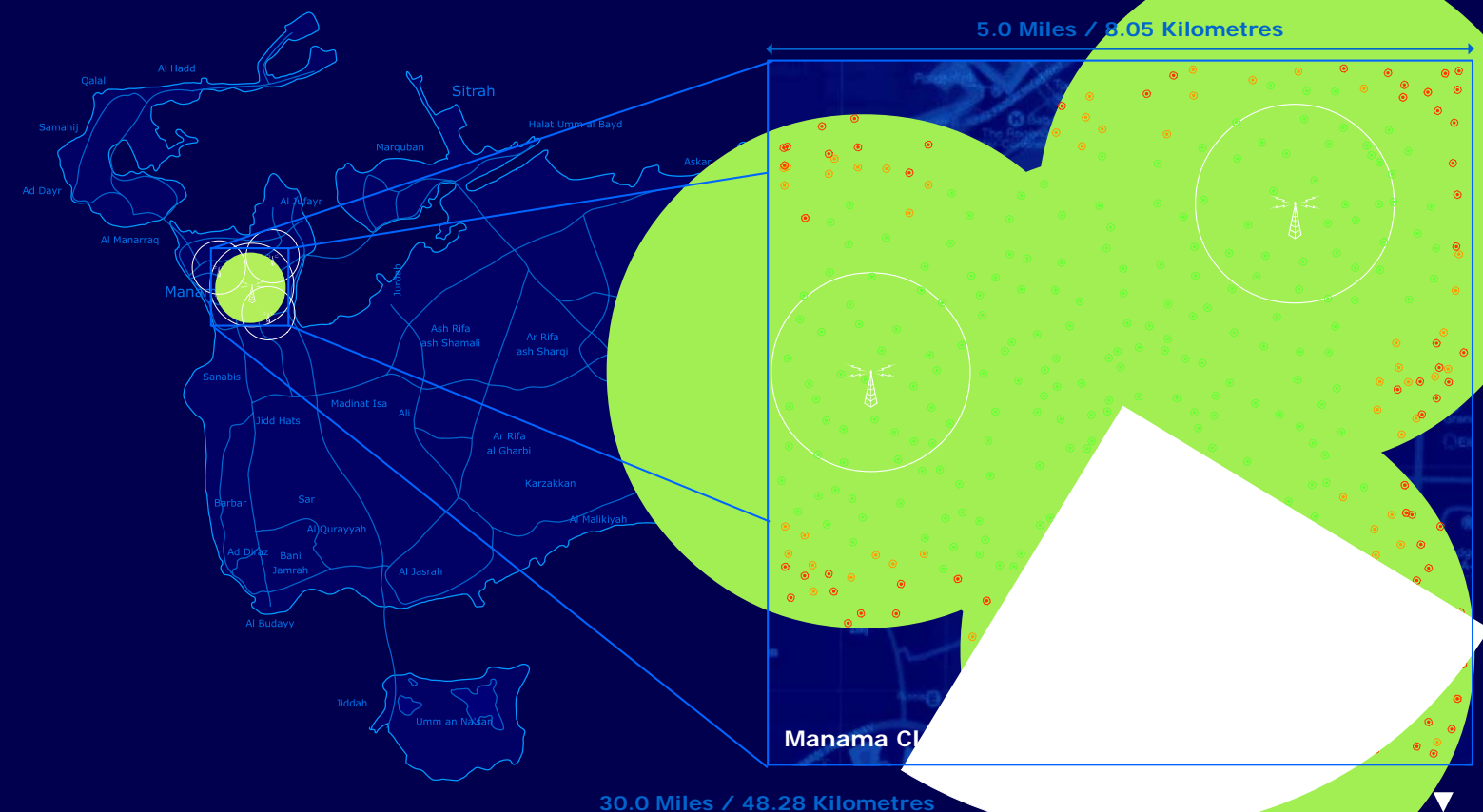
Connection Speeds: ■ 2mb ■ 1mb ■ 512kb



In order to increase the coverage area of the wireless connection we place repeater aerials in specific locations to boost its overall speed and availability.

Population: **Approx 660,000** Users Connected: **1000**

Connection Speeds: ■ **2mb** ■ **1mb** ■ **512kb**

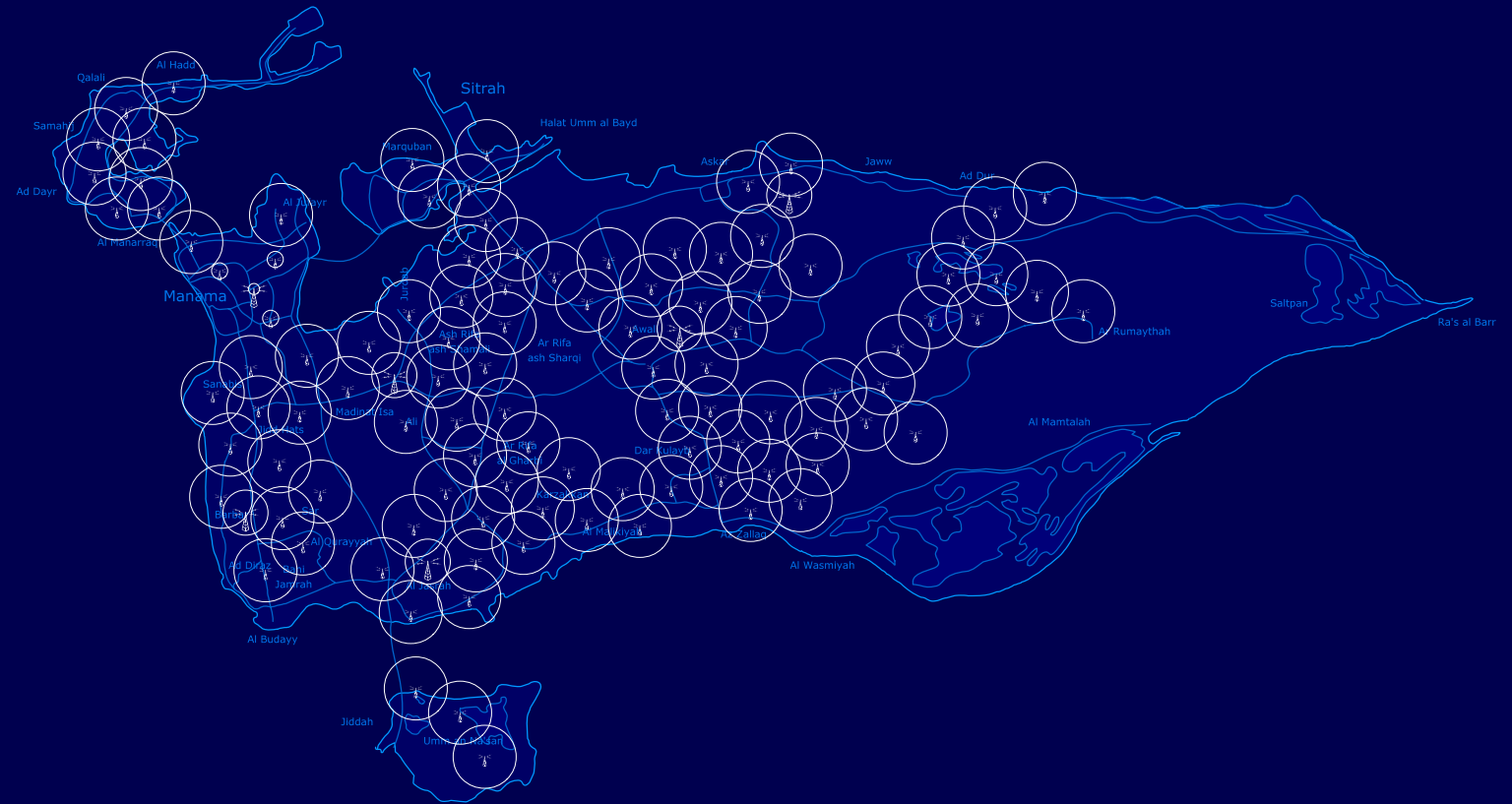


As you can see, this method allows us to give fast, high quality wireless network services over relatively large distances, using a fraction of resources compared to a wire based system

Population: **Approx 660,000** Users Connected: **2000**

Connection Speeds: ■ 2mb ■ 1mb ■ 512kb





30.0 Miles / 48.28 Kilometres

Restart >

You can now see how this system will work over a large area such as Bahrain. A setup of this scale gives vast network connectivity to many portable devices.

Population: **Approx 660,000** Users Connected: **8,000**

Connection Speeds:  **2mb**  **1mb**  **512kb**