

Scaling Out

Many factors affect Wi-Fi range, but we typically see devices successfully connecting to an Edge Spark® Connect™ unit at up to 60 metres range, and to an Edge Spark® Reach™ unit at up to 600 metres range. Combining Edge Spark® Connect™ with one or more Edge Spark® Reach™ units increases the total system coverage.

For example, to provide connectivity to 100 people in a one hectare area, you can simply co-locate one Edge Spark® Connect™ unit and one Edge Spark® Reach™ unit. If those 100 people then spread out around a three hectare area, you could add two more Edge Spark® Reach™ units in a wireless mesh network to expand the coverage area.

