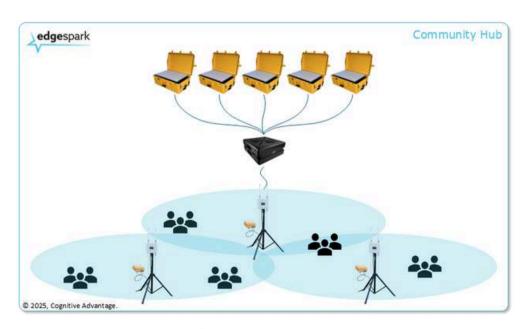




Community Hub

The innovative Edge Spark® architecture allows you to rapidly scale up and out your network by simply adding extra units when needed. The network will dynamically load balance connections across multiple Edge Spark® Connect™ units to support ad hoc deployments. However, there are unavoidable performance limits to ad hoc networks, so we recommend adding Edge Spark® Hub™ for community-scale deployments. This unit acts as the on-site system 'brain' that controls multiple Edge Spark® Connect™ and Edge Spark® Reach™ units to optimise community internet access, especially as people flow around town at different times.

For example, to provide connectivity to 500 people moving around a three hectare area, the ideal solution is five Edge Spark® Connect™ units colocated with an Edge Spark® Hub™ and Edge Spark® Reach™, with another two Edge Spark® Reach™ units deployed around town in a wireless mesh network.



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