

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 co-located with an Edge Spark[®] Hub[™] and Edge Spark[®] Reach[™], with another two Edge Spark[®] Reach[™] units deployed around town in a wireless mesh network.

