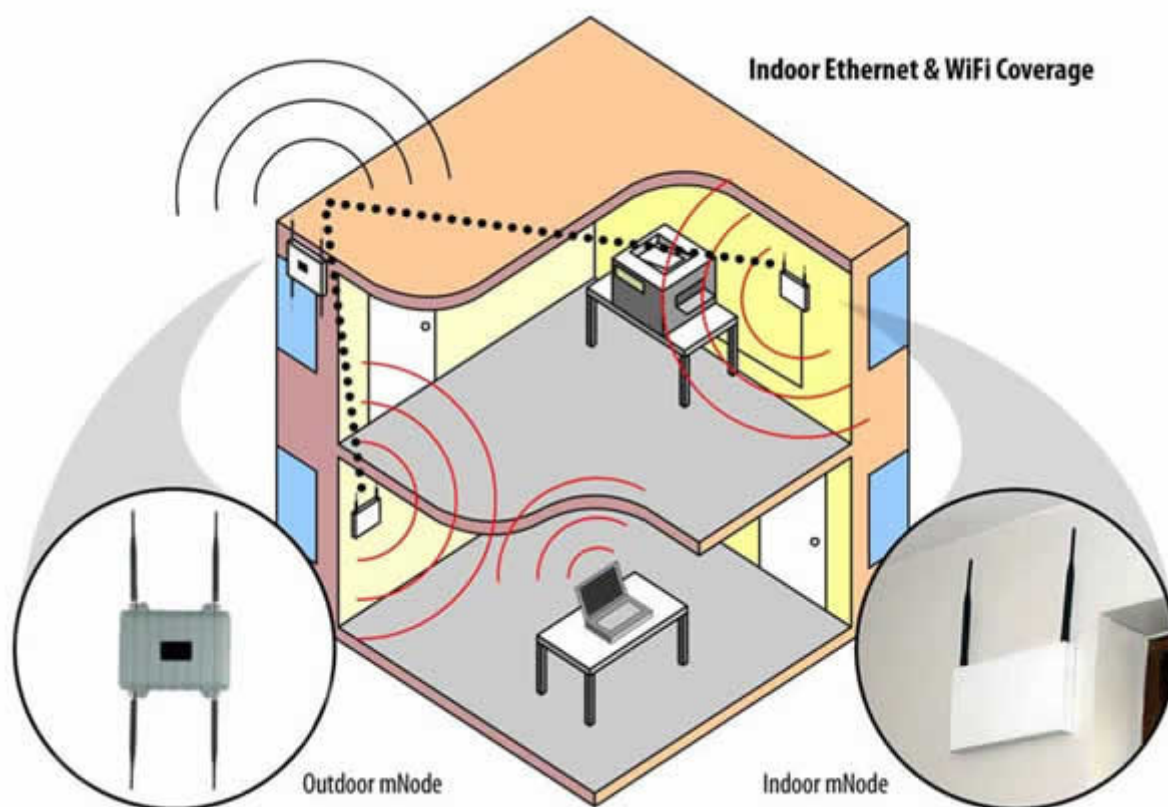


Introducing JabaNet-Mesh - The Network Where You Want It.

JabaNet-Mesh is the first wireless mesh network solution to deliver both Ethernet connectivity between buildings and simultaneous, ubiquitous Wi-Fi hotzone coverage. JabaNet-Mesh dramatically reduces the cost of deploying a network over wide geographic areas, as it removes the need to trench cable between buildings, and offers rapid installation and portability. ICT departments no longer have to plan Wi-Fi coverage using individual access points as an addition to a wired network. JabaNet-Mesh includes built-in Wi-Fi; wherever JabaNet-Mesh is deployed, it provides both Ethernet and Wi-Fi connectivity indoors and outdoors.

Eliminate the Need for Cables with 'Instant Ethernet'

Leveraging Jaba outdoor mesh router and access point, JabaNet-Mesh enables offices, training centers, classrooms, ICT suites, libraries, cafeterias, and sports facilities to be connected to a data network using wireless backhaul rather than fixed cable. Simply install a JabaNet-Mesh node anywhere Ethernet is needed; with outdoor and indoor hardware available, JabaNet-Mesh delivers instant wireless Ethernet anywhere. As a Wireless evolves, new or temporary buildings can be provisioned with Ethernet connectivity simply by adding a new node, without costly site surveys or cable runs, and at a fraction of the cost of traditional network installation.



No Need for Line of Sight

Unlike conventional point-to-multipoint wireless networks, use of multi-hop mesh routing enables JabaNet-Mesh to operate between buildings even where there is no direct line of sight. Network traffic between buildings that are obstructed from each other is routed through neighbouring nodes. This routing technology allows a JabaNet-Mesh network to be extended over significant distances without worrying about physical or geographical constraints.

Highly Scalable, Self-Healing Mesh Network

JabaNet-Mesh is a mesh network - there is no base station commonly associated with point-to-multipoint wireless systems with which all nodes must communicate directly. Instead, network traffic takes the path of least resistance over the wireless backhaul to the network gateway, passing through other nodes where line of sight is not possible. If a node is powered down or removed from service, the network automatically reconfigures itself, a process also known as 'self-healing'. Adding a node where it's needed is simply a matter of plugging in and turning on. Combining Ethernet and Wi-Fi in a single solution, JabaNet-Mesh is truly a next-generation network for today's networking needs.

Wireless Mesh Applications:

Wireless Mesh - Flexible, Scalable, Cost-Effective

JabaNet-Mesh is a wireless network solution ideally suited to many wide-area applications including education, corporate enterprise, healthcare, and the public sector. Connecting buildings by eliminating the need for wired backhaul, and providing indoor and outdoor Wi-Fi coverage, JabaNet-Mesh reduces deployment time, increases ROI, and builds an infrastructure flexible enough for tomorrow's needs.

Public Sector

- Public Libraries and Museums
- Town and County Halls
- Public Safety (Police, Fire, Ambulance)
- Public Transportation Centres
- Public Sports Complexes

Education

- Universities Campus
- Primary and Secondary Schools
- Colleges
- Training and Adult Education Centers
- Extended Reach for Local Government Online Education Initiatives

Enterprise

- Corporate Office Buildings and Satellite Offices
- Reception and Public Areas
- Manufacturing, Warehousing and Distribution Center
- Business Parks and Industrial Estates