

<u>Network Feature:</u>	<u>Function and Benefit</u>
<ul style="list-style-type: none"> <li>• <b>Mesh Networking</b></li> </ul>	<p><b>Function:</b> Next step in network evolution reduces need to run wire and simplifies network operation</p> <p><b>Benefit:</b> Deploys faster than traditional wired networks. Reduces costs and hassles of deployment in hard-to-wire environments. No single point of failure. Scales better and can handle up to thousands of connected devices.</p>
<ul style="list-style-type: none"> <li>• <b>Networks Without Wires®</b></li> </ul>	<p><b>Function:</b> Building networks without the need for Ethernet cable or other wire.</p> <p><b>Benefit:</b> All the performance, reliability, scalability and security of a wired network, with the freedom and flexibility of wireless. Reduces or avoids cabling costs. Provides rapid installation and moves. Reduces administrator efforts.</p>
<ul style="list-style-type: none"> <li>• <b>Modular Design</b></li> </ul>	<p><b>Function:</b> “Snap together” modules allow for customization at the node level.</p> <p><b>Benefit:</b> Configure nodes to suit individual needs, including programming of multiple RF technologies, all in a single network with one management and security system. Reduces cost of ownership and provides maximum flexibility.</p>
<ul style="list-style-type: none"> <li>• <b>Standards Based Security</b></li> </ul>	<p><b>Function:</b> Full range of security tools ranging including 802.1x authentication and encryption schemes up to and including AES for easy configuration.</p> <p><b>Benefit:</b> Reduces costs and administrative workload by using installed systems. Leverages existing RADIUS and certificate servers. No special NIC cards required. Includes full range of security tools up to and including AES.</p>
<ul style="list-style-type: none"> <li>• <b>Self-Discovery</b></li> </ul>	<p><b>Function:</b> Modules automatically discover their role to serve as either client connect modules serving user traffic or network connect modules connecting the node to the network.</p> <p><b>Benefit:</b> Minimizes network set up time and system management. Add, move or change nodes without any changes in wiring closet, physical infrastructure or server room.</p>
<ul style="list-style-type: none"> <li>• <b>Self-Configuration</b></li> </ul>	<p><b>Function:</b> Nodes configure themselves as part of the overall network.</p> <p><b>Benefit:</b> Minimizes network set up time and system management. Eliminates need to manually configure system. Automatically adjusts as nodes are removed or relocated within system.</p>
<ul style="list-style-type: none"> <li>• <b>Self-Tuning</b></li> </ul>	<p><b>Function:</b> The system continually scans to determine if the current data paths between and amongst nodes are optimal.</p> <p><b>Benefit:</b> Network automatically optimizes for best performance with lowest latency and best throughput, ensuring a high performance network.</p>

Access/One™ Network Feature:

- **Self-Healing**

**Function:** Should there be a node failure, traffic is automatically re-routed and network is tuned for optimization of traffic based on new configuration.

**Benefit:** There is never a single point of failure. Automatically adjusts network paths if nodes are removed or relocated.

- **Virtual Node Capability**

**Function:** Ability to broadcast up to 32 different service set identifiers (SSIDs) and apply different security schemes per SSID. Using VLAN tagging can assign priorities per SSIDs and classes of service or quality of service.

**Benefit:** Users can set up multi-purpose networks and segment users to particular parts of the network. The Access/One Network can also be used as a multi-purpose network, making it appear as if multiple WLANs were installed in a given coverage area.

- **Manage System from Single Point**

**Function:** Manager/One software allows distributed management of entire system from a single point, including management of system configuration, security, inventory and rogue access point detection.

**Benefit:** Reduces administrative headaches and costs by eliminating need to re-wire, re-configure and re-set status at the node level. Network IT administrator can easily control and apply security policies by authenticating and encrypting from a single point and rogue access point detection prevents unwanted devices from corrupting network.

- **Background Scanning**

**Function:** Scanning of environment to search for Strix nodes and other unknown RF devices.

**Benefit:** Monitoring of airwaves ensures that system is optimally operating and routing data through the most effective node paths. It also allows administrators to determine if there are unauthorized access points installed

- **Upgradeability**

**Function:** Easy to reconfigure nodes allow for simple network changes (adding new RF technologies) or network expansion (expanding coverage areas).

**Benefit:** No need to run additional wires. New nodes can be integrated into the network by simply placing it and turning it on. All management and security is established centrally. Adding technologies to the network, such as adding 802.11a coverage, is as simple as snapping on a new node. New technologies such as WiMAX can also be added when available.

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