

VLAN Definition

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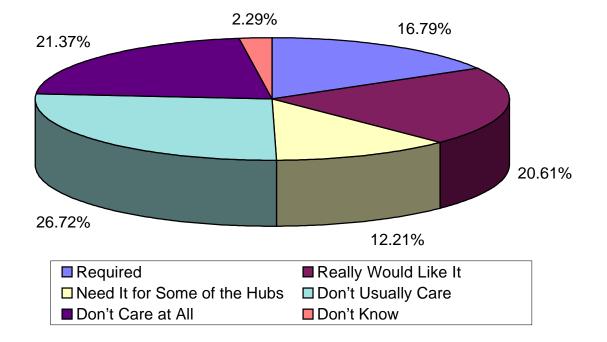
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IEEE 802.1 Interim - 10/11-13 - VLAN



Primary Market Research

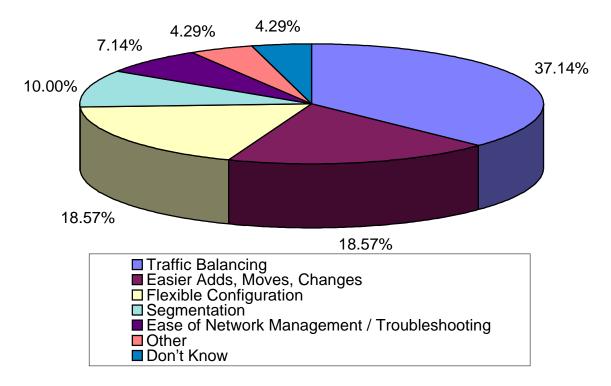
• How many want or need port switching?





Primary Market Research

• Primary benefits of port switching





Primary Market Research

Benefits of LAN Switching 10.61% 12.29% 3.91% 5.03% 12.29% 2.23% 2.23% 2.79% 5.59% 11.73% 6.15% 10.06% 6.70% 8.38% ■ Flexible Configuration Guaranteed Bandwidth □ Network Segmentation □ Traffic Balancing Performance - End Station Throughput Easier Adds, Moves, Changes Performance - Server Collapsed Backbone Low Latency Problem Isolation None Other Don't Know



VLAN Definition

 Provides for the logical grouping of stations (MAC Service Access Points - MSAPs) and/or switch ports, allowing communications as if all stations/ports are on the same physical LAN segment. This includes stations/ports that are physically located on different LANs or segments within the physical boundary of an 802.1D Bridged LAN. A single Bridged LAN may include multiple VLAN "segments".