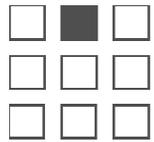


RISING STAR RESEARCH

VLAN Definition

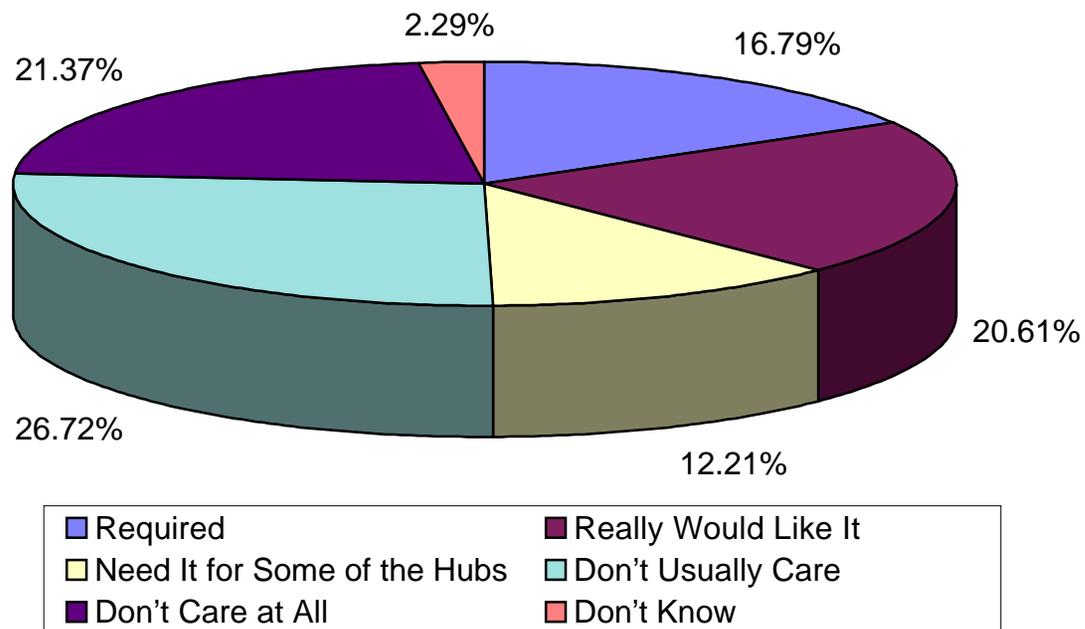
**IEEE 802.1 Interim Meeting
Denver, Colorado
October 11-13, 1995**

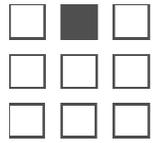
**Rising Star Research
K. Karl Shimada
kkarl@netcom.com**



Primary Market Research

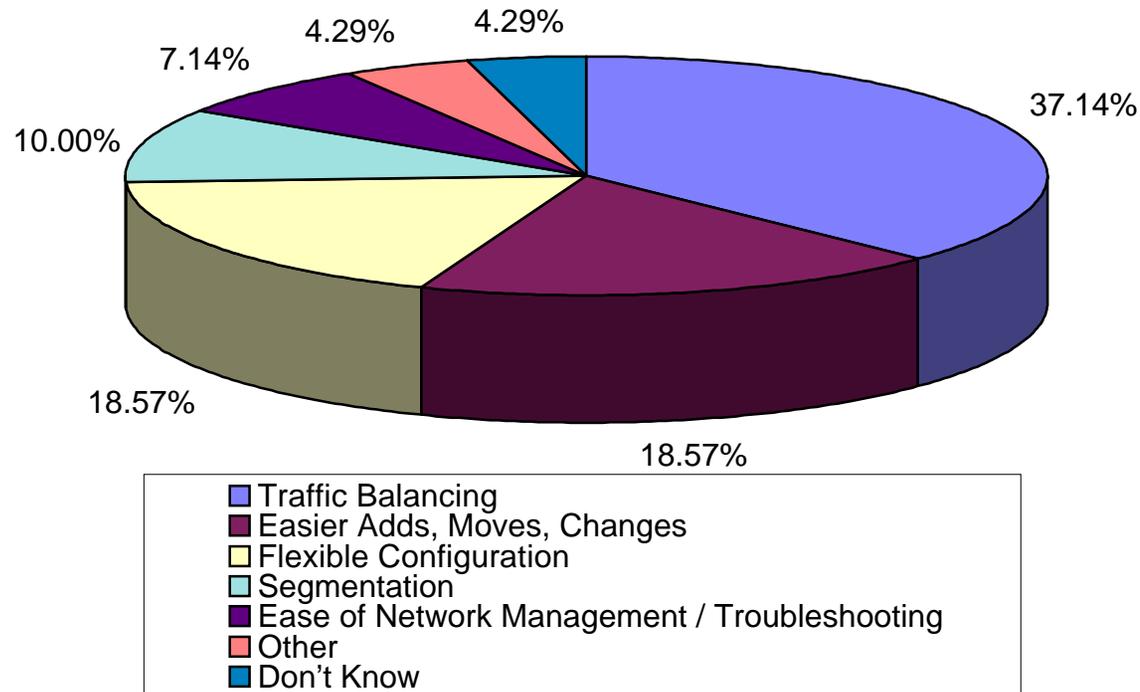
- How many want or need port switching?

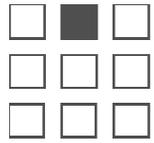




Primary Market Research

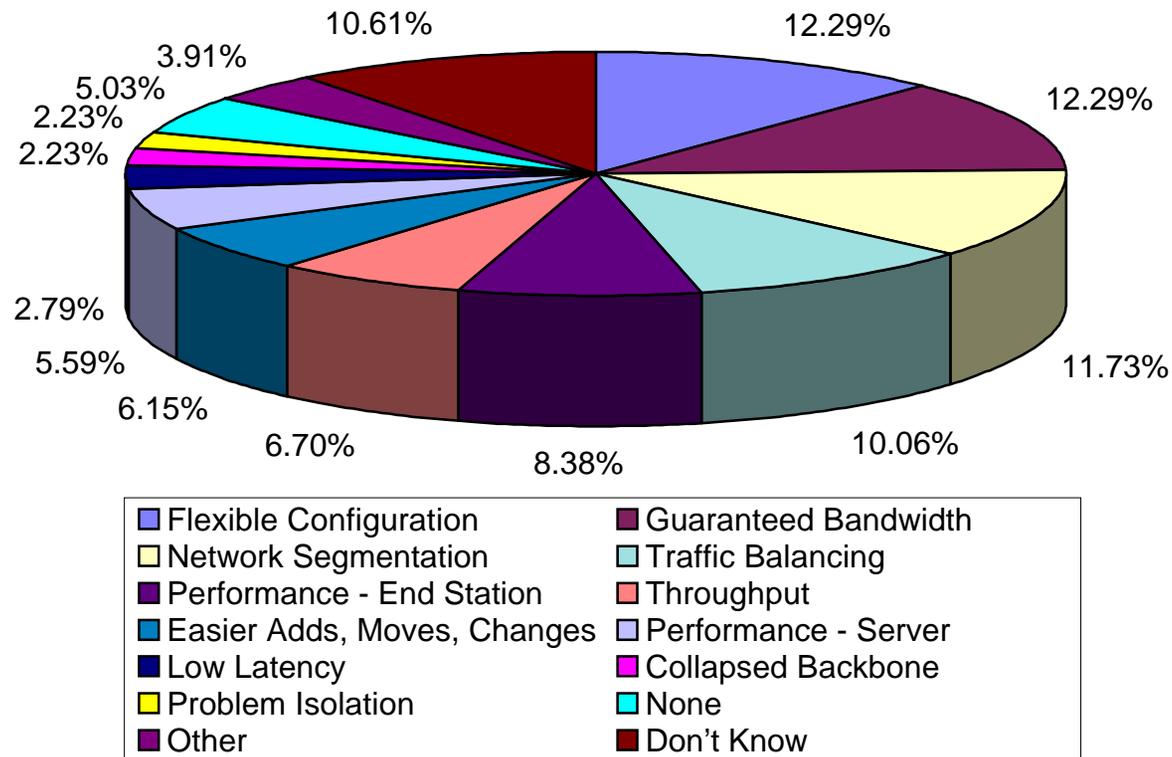
- **Primary benefits of port switching**

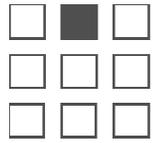




Primary Market Research

- **Benefits of LAN Switching**





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”.**