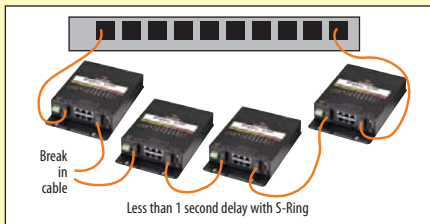
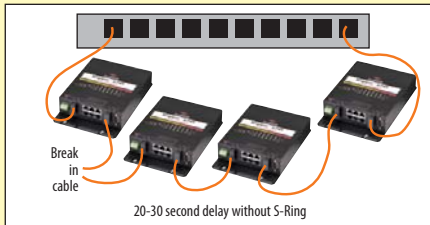




## GarrettCom's S-Ring Technology

GarrettCom's S-Ring™ technology enables the Magnum™ 6K Managed Switches to simplify and speed up recovery from faults in Ethernet LAN configurations that use a ring structure. S-Ring is built upon networking software standards including IEEE 802.1d Spanning Tree Protocol (STP). The user configures and controls S-Ring as part of the Magnum 6K Switch's management software. The S-Ring products can be used in multi-vendor LANs running standards based STP on the Magnum 6Ks along with other switches and hubs in any redundant LAN topology, including rings and meshes. S-Ring technology makes Ethernet ring-topology more reliable and faster without sacrificing the benefit of standards-based interoperability.



Without S-Ring enabled, standard Spanning Tree reconvergence can take between 20-30 seconds, allowing for costly seconds of network downtime.

With S-ring enabled on the Magnum 6K switch ports, rapid reconvergence is achieved in less than 1 second ensuring network uptime.