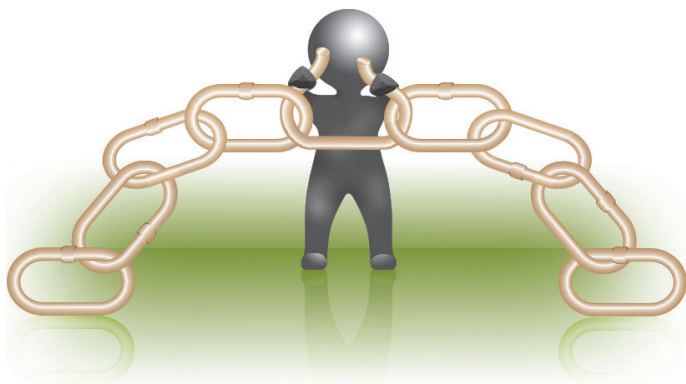


APPLICATION REFERENCE

A SINGLE POINT OF FAILURE (SPOF) ~

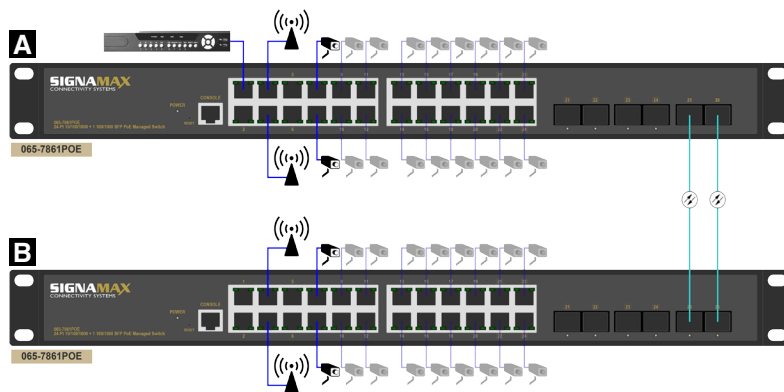
A SOLITARY COMPONENT MALFUNCTION THAT CAN TERMINATE AN ENTIRE NETWORK'S ABILITY TO PERFORM.



In a security network or an IT system in which one component's failure to perform as promised can cause the unavailability of critical applications and lead to a disruption of the business operations an Ethernet PoE/ PoE+ switch can provide the solution.

The Signamax 24 Port 10/100/1000 Managed PoE+ Switches offer the ability to provide power to a multitude of devices while also transmitting the data received from IP equipment such as cameras to a Network Video Recorder (NVR). Since many installations have only one NVR supporting the array of IP cameras used for surveillance (and, possibly production control), multiple switches used to support PoE-powered IP cameras need redundant paths to the NVR to ensure that there is no SPOF that would compromise the surveillance system. Now the system has a surveillance camera redundancy.

SURVEILLANCE CAMERA REDUNDANCY



This illustration showcases a six-story building with an installation of surveillance cameras and wireless access points supported by two PoE+ switches connected by redundant multimode fiber.

Switch A is installed on the fifth floor and covers floors 4, 5, and 6, where as switch B is installed on the second floor provides coverage for floors 1, 2, and 3. The NVR connected to the PoE+ switch on the 5th floor receives all video feeds from cameras connected to both switches. Thus ensuring no SPOF.

24-Port 10/100/1000 Managed Layer 2+ PoE+ Switches



- Supports PoE+ (30 watt) Power Source Equipment (PSE)
- Dual speed SFP ports for fast Ethernet or Gigabit Ethernet fiber connectivity
- IEEE 802.3az Energy Efficient Ethernet standard supported
- IPv6 and s-Flow Support
- Easy-Port-Configuration for simple setup in IP phone, camera, or wireless environments



PART NO.	DESCRIPTION
065-7861POE	24-Port 10/100/1000BaseT/TX Managed PoE+ Switch with 4-100/1000Base SFP Dual Media Ports plus 2-100/1000Base SFP only Ports, 185 Watts PoE Power
065-7861POE-FP	24-Port 10/100/1000BaseT/TX Managed PoE+ Switch with 4-100/1000Base SFP Dual Media Ports plus 2-100/1000Base SFP only Ports, 370 Watts PoE Power

For more detailed information visit www.signamax.com.