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Storage Area Network Director Patching Solutions

“Our goal was to create a more manageable cabling solution for the directors and simplify the port identification on the patch panels at the Central Area Patching Facility in the MDA”

**Kevin Ehringer, DCS
President & CEO**

Keeping up with High Speed Directors

Today's director class switches must provide unique capabilities to meet the full spectrum of mission-critical requirements in the SAN and mainframe environment of the enterprise class data center; they are designed for future applications and higher-speed options. These directors are a reliable foundation for core-to-edge SANs, enabling fabrics that are capable of supporting thousands of hosts and storage devices.

To compliment these directors, DCS has developed a custom connectivity solution that is universal for all directors, yet unique to each of them. DCS's solutions come in two parts, Director Patch Panels and Director Trunks.

Cisco 9513
Director



Brocade 48000
Director



Make it Fast, Clear and Simple

The cabling infrastructure, in particular director connectivity and patching, can be one of the most confusing tasks that a data center manager has to deal with. Uptime on a director is imperative; therefore you should not have to waste any time trying to figure out the point of connectivity from one piece of equipment to the other during MAC's (moves, adds or changes).

By implementing a recommended industry standard TIA-942 structured cabling infrastructure, all patching can easily be done at the Central Area Patching facility (CAP). But even with structured cabling, the large volume of connectivity on the directors substantially increases the port count in the patching area making port identification more difficult.



What Makes the Director Patch Panel Unique?

DCS's Director Patch Panels were designed to simplify port identification at the Central Area Patching facility, (CAP). In keeping with the scalability of the directors, the Director Patch Panel Enclosure houses the same amount of patching panel strips as the director houses fiber channel switching modules. As you add switching modules to the director, you can copy the configuration to the patch panel enclosure by adding panel strips with the same port count. With this solution you can easily identify the director, slot location, and port number at the CAP.

DCS Director Patch Panels:

- Simplify port identification
- Clearly identify director slot availability
- Eliminate custom port labeling
- Configure to duplicate the directors



The Perfect Fit

Today's high density fiber channel switching modules are creating challenges for cable management. The high volume of slack in the cabling can block circulation and create hot spots in the cabinets.

DCS has eliminated this problem by staggering the legs of the director trunks and harnesses giving the connectivity across the director a more manageable fit eliminating slack and opening up circulation of air flow. By utilizing these custom cables to maximize your cable management you minimize your cable density, therefore enhancing air flow and decreasing power consumption.





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