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# Dual Ethernet Console Servers in Network Redundancy Applications

## The Challenge:

During network outages and emergencies, support technicians need a fast, reliable means to access console port command functions on vital network elements. The solution should be accessible via both a primary network connection and a redundant, secondary network condition in order to ensure that support personnel are always able to access console port command functions, even when one of the two networks is down. In addition, the solution should also allow network administrators to assign a unique IP address to each Ethernet Port in order to simplify the process of connecting via the primary and secondary network.

- Quick Access to Console Port Command Functions via both a Primary Network and Redundant Secondary Network
- Dual Ethernet Console Server Solution with Separate Routing Tables
- Connect to both a Primary Network and Redundant Secondary Network

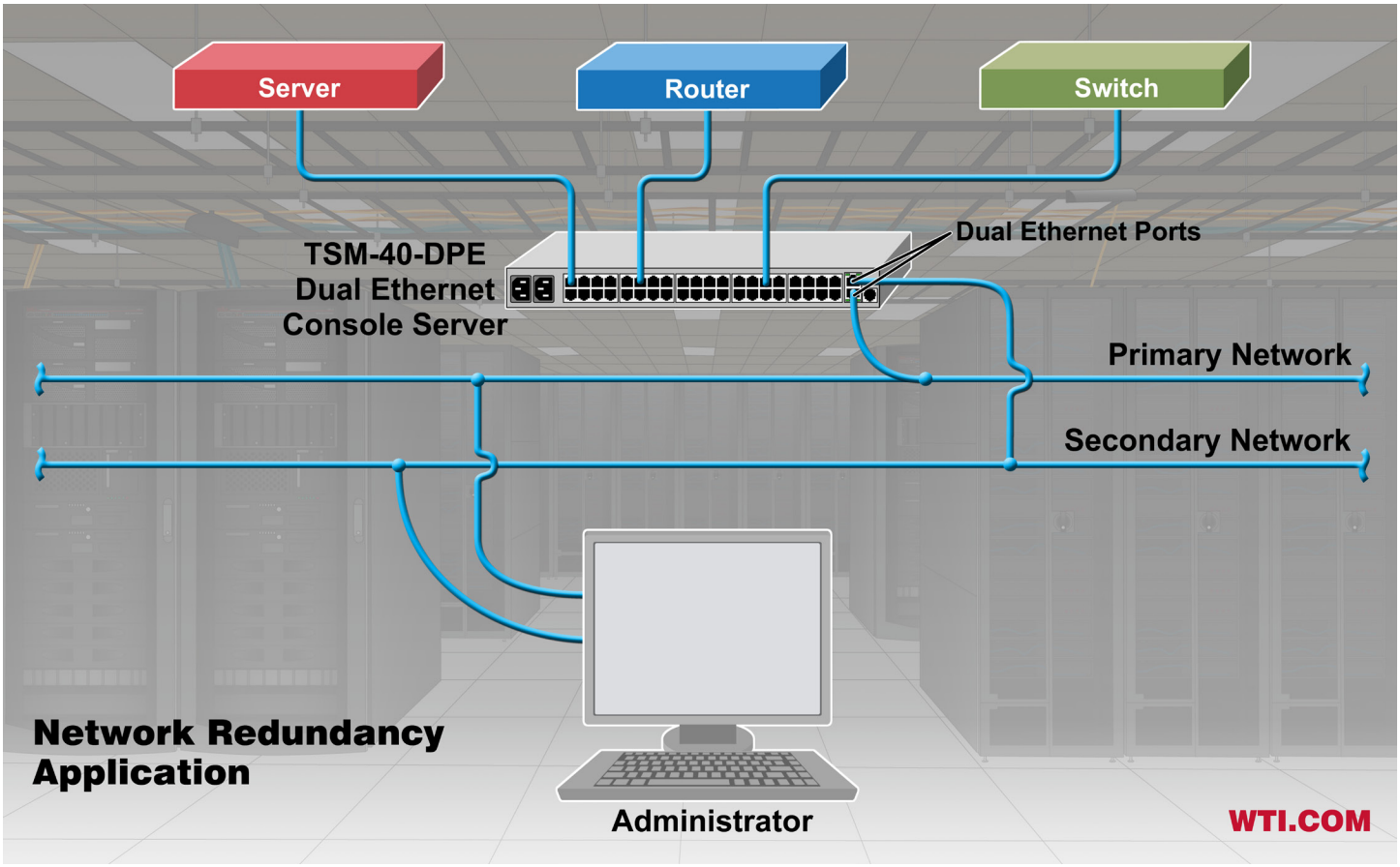
The ability to respond quickly to network outages and restore communication in a timely manner is absolutely essential for any large, commercial network application. In order to maximize productivity and profitability and ensure access to customer services, network downtime must be kept to an absolute minimum. Without access to vital network services, work often comes to a standstill until network problems are resolved. When outages are not immediately remedied, potential customers can quickly tire of waiting to be served and take their business elsewhere. The longer the network stays down, the greater the losses in time, profit and productivity.

## The Solution:

WTI's TSM-DPE Series Console Servers feature dual Ethernet ports, allowing connection to both a primary network and a secondary, redundant network. In addition, the TSM-DPE also features separate routing tables for each Ethernet port, allowing a unique IP address to be assigned to each available Ethernet port and providing a perfect solution for network applications that require redundant access to remote console ports.

- Dual Ethernet Ports
- Separate Routing Table for Each Port - Assign a Unique IP Address to Each Ethernet Port
- Fast, Secure, Trouble-free Access to Networked Elements in Locked Cabinets and Lights Out Data Centers

In network redundancy applications, the dual Ethernet TSM-DPE is connected to both a primary network and a secondary (often outside) network to provide an alternate avenue for access to console port command functions on remote network elements. In the event of a network outage, this type of configuration ensures that support personnel are still able to communicate with vital network elements even when the primary network is down. When communication via the primary network is unavailable, a secondary network connected to the TSM-DPE provides access to configuration and troubleshooting functions which can be used to remedy problems that have disrupted communication via the primary network.




## Results:

WTI's TSM-DPE Series Dual Ethernet Console Servers help to simplify management and troubleshooting tasks in the data center by cutting the time required to access console port command functions on remote or inaccessible devices and helping to ensure that support personnel have an alternative avenue for communication with vital network elements during network outages.

- Fast, Reliable, Secure Access to Console Port Command Functions on Networked Devices
- Primary and Secondary Network Access to Devices in Lights Out Data Centers

The versatility provided by a secondary Ethernet port allows the TSM-DPE Dual Ethernet Console Server to serve as an ideal solution for almost any application that requires two Ethernet ports with separate, unique routing tables and IP addresses.