NETWORKING DESIGN &amp;amp; SUMMARY

Order Description

Y​‌‍‍‍‌‍‍‍‍‍‌‌‍‍‍‍‌‍‌‌​ou are hired as a consultant to provide a network design for a small company that is moving into a new office space. Your deliverable is a network design document in the form of showing connections and thoroughly labeled with the relevant information for an installation team to come in and complete the project. The following are the clients’ requirements: • 48 Ethernet Ports for Employee Workstations • 24 Ports are dedicated for engineering employees • 24 Ports are dedicated for sales employees • Sales and​‌‍‍‍‌‍‍‍‍‍‌‌‍‍‍‍‌‍‌‌​ Engineering employees should be on different network segments but may be plugged into the same physical switch • Sales and Engineering employees machines must be allowed to communicate • Recommend a way for remote employees to connect to the organization from their homes, securely to access information The design should include the following network devices: • Router(s) • Switch(es) • PC(s) Please provide a brief executive summary along with a professional network diagram. There are many resources to cr​‌‍‍‍‌‍‍‍‍‍‌‌‍‍‍‍‌‍‌‌​eate these (750 wrds)