

Case Study

Structured Cabling Solution

CLIENT JACOBS ZATE, Dhahran

JACOBS is one of the largest and most diverse providers of technical, professional and construction services, including all aspects of architecture, engineering and construction, operations and maintenance, as well as scientific and specialty consulting.

Over 54,000 employees in 230+ locations around the world serve a broad range of customers. JACOBS need a state-of-art IT infrastructure for the new office in Al Khobar and they selected GBS to make their dream to reality

Business Challenges	GBS Solutions	Project Outcome
<ol style="list-style-type: none"> 1. Need a state-of-art structured cabling network infrastructure to drive all the IP based services. 2. Find a solution with minimum CAPEX and OPEX 3. Scalable solution to accommodate future digital journey. 4. Need a secured and stable standard data center to accommodate all of the key resources. 	<ol style="list-style-type: none"> 1. Prepare Data Centre with all systems including raised floor, AC, UPS, Racks, cabling, security, FM200 and environmental monitoring system. 2. Structured cabling infrastructure from CommScope solution with over 1200 CAT6 nodes. 3. Redundant Fiber backbone between the 15 story building 4. Installed around 20 cabinets 5. Cabling plant tested and certified by FLUKE DSP 1800 6. Installed and patched over 140 Cisco 48 ports switches 7. Installed over 100 WiFi Access points 	<ol style="list-style-type: none"> 1. Stable, reliable and scalable IT infrastructure that will support growth opportunities of the future business. 2. Performance certified by the ComScope. 3. This unified high-performance network can be used for Data, Voice, IPTV, Digital signage, WiFi internet, corporate network and CCTV network 4. Easy to troubleshoot, manage and maintain the network. 5. Anywhere access for the WiFi network 6. Improved productivity and user experience with latest technologies.