

# Case Study

## Structured Cabling Solution

**CLIENT** WorleyParsons Limited, Dhahran

WorleyParsons Limited is a professional services company based Australia. Company provides engineering service for the project delivery and consulting services to the resources and energy sectors and complex process industries.

WorleyParsons have over 50 years of experience in Saudi Arabia and the company now has over 1100 peoples working around the Kingdom offering experience across all sectors

Business Challenges	GBS Solutions	Project Outcome
<ol style="list-style-type: none"> <li>1. Business requirements of stable, reliable and scalable network cabling infrastructure with high band width to accommodate all IP based services in the future</li> <li>2. Need a highly scalable solution to accommodate day-to-day change requirements and expansion demands</li> <li>3. Standard solution to minimize the troubleshooting and maintenance cost</li> <li>4. Secured and stable standard data center with disaster recovery site</li> </ol>	<ol style="list-style-type: none"> <li>1. Implemented two data centers in separate buildings with all systems including Raised flooring, AC, UPS, Racks, cabling, security, FM200 and environmental monitoring systems</li> <li>2. CAT6 Structured cabling infrastructure using CommScope solution with over 1500 UTP nodes</li> <li>3. Redundant Fiber backbone between the floors and buildings</li> <li>4. Installed around 20 cabinets</li> <li>5. Network tested and certified by FLUKE DSP 1800</li> </ol>	<ol style="list-style-type: none"> <li>1. Highly secured and stable redundant data center located in different building</li> <li>2. CAT-6 Systimax structured cabling infrastructure that will support dynamic changes and growth opportunities of the future business.</li> <li>3. Network performance certified by the ComScope.</li> <li>4. This unified high-performance network can be used for all IP based services, including Data, Voice, IPTV, WiFi internet, corporate network and CCTV network</li> <li>5. Easy to manage and maintain.</li> </ol>