

# Case Study

## Hospitality Solutions

**CLIENT** Al Farouq Residential Compound - Al Jubail

Al Farouq residential compound situated in Jubail, Eastern Province of Saudi Arabia with 744 premium quality apartments and common amenities spread over 34 buildings. The compound is designed to provide a lifestyle that comfort and elegance of a luxurious resort in a very safe environment.

Business Challenges	GBS Solutions	Project Outcome
<ol style="list-style-type: none"> <li>1. Looking for an economical and easy to maintain solution for TV, telephony, highspeed internet for guests.</li> <li>2. Provide high speed and reliable and manageable Internet for guests.</li> <li>3. Provide anywhere internet access to guests</li> <li>4. Reliable and advanced solution for the surveillance solution</li> </ol>	<ol style="list-style-type: none"> <li>1. IP Optical network with Gigabit Capable Passive Optical Network (GPON) technology. Voice, Data and Video services carried over single fiber optic cable up to every resident unit</li> <li>2. Zhone Optical Network Terminal (ONT) with 4 Ethernet port to connect IP devices with integrated Wi-Fi access point</li> <li>3. Centralized IPTV Solution with Amino Set Top Box</li> <li>4. Samsung IP CCTV Solution with Live Video monitoring</li> <li>5. Zhone Management System (ZMS) to centrally manage &amp; monitor 744 + ONTs</li> <li>6. Sophos/Cyberoam UTM Firewall for Internet load balancing, Internet access polices and log reports</li> </ol>	<ol style="list-style-type: none"> <li>1. All voice, video and data services run over FiberLAN, reducing complexity and therefore downtime.</li> <li>2. An infrastructure that will support growth opportunities in the future.</li> <li>3. Minimum CAPEX and OPEX through efficient use of fiber technology.</li> <li>4. Better guest experience with HD IPTV and High Speed Internet access.</li> <li>5. Realized better Wi-Fi signal reach and reliability.</li> <li>6. Internet Bandwidth control and Applicable content filtering Policies with Log reporting.</li> <li>7. Ease of system Management with Zhone Management System and Solarwinds</li> </ol>