

# Case Study

## Network Security Solution

### CLIENT Zamil Plastic Industries Limited (ZPIL) - Dammam

Zamil Plastic Industries Limited (ZPIL) is one of the Zamil Group affiliates companies and a member of Zamil Group Holding Company. Zamil Plastic is one of the most advanced enterprises in the world specialized in flexible plastic packaging materials & production.

With 300-400 employees in the Saudi Arabia (Dammam and Jeddah), Zamil Plastics maintain a connected workforce to operate efficiently and provide the best customer service and all to be done in a well secured way.

| Business Challenges  | GBS Solutions  | Project Outcome   |
|--|--|---|
| <ol style="list-style-type: none"> <li>1. Production resources and services are easily accessible and prone to misuse/attack from internal and external users</li> <li>2. Bandwidth congestion issues because the available bandwidth wasn't being monitored and controlled</li> <li>3. The authenticating mechanism used for the employees was not best suited for the company objectives</li> <li>4. No Control Over Web Surfing - causing a big threat on security and employees productivity</li> <li>5. Internet services (brewing and email) are not reliable due to the bandwidth and security issues.</li> </ol> | <ol style="list-style-type: none"> <li>1. Cisco 4500-X SFP+ (10 G) Switch replaced the existing outdated Chassis model switch and ensures the high bandwidth for Local Zoning traffic between Servers and LAN Users by establishing the 10G Connectivity.</li> <li>2. Deployed SOPHOS NG series of Unified Threat Management Appliance (UTM) that include security features along with performance for future scalability.</li> <li>3. UTM integrated with Active Directory for SSO</li> <li>4. IPsec VPN configuration for the site-to-site connectivity and remote users</li> <li>5. Implemented DOS &amp; IPS, Content filtering &amp; User control Policies</li> </ol> | <ol style="list-style-type: none"> <li>1. A solid wall protecting all IT resources from Internal and External threats</li> <li>2. Comprehensive Internet Security Solution</li> <li>3. Stable and reliable internet and email service</li> <li>4. Efficient and Wise Bandwidth Control and Utilization</li> <li>5. More productive and satisfied employees</li> <li>6. Identity Based Security</li> <li>7. Network traffic visibility &amp; reporting</li> <li>8. Advanced Cloud based Endpoint protection</li> </ol> |