Setting Passive Networking for KPIT RMZ Ecoworld

Summary-

When it comes to meeting the increased demand for bandwidth, many IT managers expect firm connectivity grounding used to and from active devices on a network. Konnet passive networking technology has fewer electrical and moving parts than standard networks, which lowers the risk of downtime that might cripple productivity of the client. As a result, this enabled KPIT RMZ Ecoworld, Bangalore to take advantage of faster digital communications, making their data transfer and interactions more productive.

Challenge-

Since many years, KPIT RMZ Ecoworld was facing problems with electrically powered switching equipment. The challenges were dependencies on dedicated fiber cables. Also, with moving electrical parts, there were risks that many things could go wrong simultaneously.

Solutions-

With the implementation of passive networking by Konnet, it became possible for the client to achieve efficiency: each fiber optic strand can serve up to 32 users! Passive networks also have a low building cost relative to active optical networks along with lower maintenance costs.

Konnet Passive Networking-

- 2400+ Nodes (UTP- Cat-6)
- 1500+ meters Fiber(Single Mode)
- 2 Hub Rooms
- 06 Racks(42 U)
- 1 Floor with 2 Wings

The benefits received were-

- Reduced Space
- Secure Designs
- Long Transmission Distance
- Appropriate Network Positioning
- Eliminating Costly Silos
- Unlimited Bandwidth
- Centralized Data Center
- Uninterrupted Power Supply
- Multi-dwelling unit (MDU)
- Built-in Encryption
- Light Weight
- Reduced CAPEX