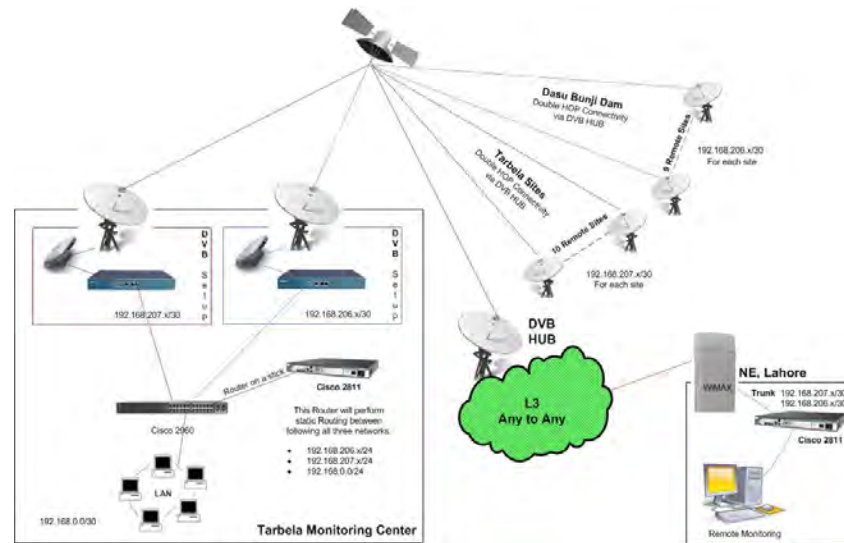


Wapda Seismic Monitoring System



Pakistan
By
Ahmed Sheraz

Wapda's Seismic Monitoring system

- Consist of 29 online stations powered up by solar system and connected to Tarbela data centre via Vsat communication system .
- 10 Online stations around tarbela Dam project
- 6 Online stations around Dasu Dam Project
- 3 Online Stations around Bunji Dam Project
- 10 Online station around Basha Dam

Wapda's Seismic monitoring system

- Data center consist of state of the art antelope software and Apple Mac workstation to process the online data coming from these remote stations .
- More than 3000 real time events detected every month.
- Stations availability is more than 80 %.

Wapda's Seismic Monitoring system

- Tarbela Dam sites :



Wapda's Seismic monitoring system



Wapda's Seismic Monitoring System

- Dasu Bunji Stations



- Basha Stations



- Data Centre



- Stations Availability



Wapda's Seismic Monitoring System

- Up-gradation Plan
- Currently Wapda has planned to upgrade the antelope facility to further locations for back up and more enhanced interpreting at urban location of Lahore head quarter and Islamabad.

