

## **BANDWIDTH NEEDS SUMMARY**

April 25, 2003

### **Available bandwidth to use:**

DSO	=	56 Kb
½ DSI	=	768 Kb
DSI	=	1500 Kb
2 DSI	=	3000 Kb

### **Video session bandwidth needs:**

384 Kb video call needs 450 Kb  
768 Kb video call needs 950 Kb  
(one session of VidIP needs 30% of DS1 circuit)

### **Rule of thumb for bandwidth utilization is 80% maximum, and preferably 75% or less, of available bandwidth to use:**

600 Kb w/o video for ½ DS1 circuit  
1200 Kb w/o video for 1 DS1 circuit  
2600 Kb w/o video for 2 DS1 circuits

(Video sites should add video bandwidth needs to usage statistics to determine how close the site is to reaching a saturation point)

**Note:** The per cent factors allow for spikes in use for special needs.