### Applications of MPLS Guaranteed Bandwidth Services

#### Voice Trunking over MPLS Virtual Leased Lines

### **Target Applications**

Cisco.com

#### Voice Trunking

**Solution 1: Toll Bypass with Voice Network** 

Solution 2: Toll Bypass with Voice/Data Converged Network

**Solution 3: Toll Bypass with VolP Network** 

#### Virtual Leased Lines

Solution 4: Virtual Leased Lines – Serial Links Solution 5: Virtual Leased Lines – Frame Relay Solution 6: Virtual Leased Lines – ATM

### **Solution 1: Toll Bypass with Voice Network**

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### Solution 2: Toll Bypass with Voice/Data Converged Network



### **Solution 3: Toll Bypass with VolP Network**

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Presentation\_ID

### Voice Trunking Summary



# Solution 4: Virtual Leased Lines – Serial Links



# Solution 5: Virtual Leased Lines – FR Networks



# Solution 6: Virtual Leased Lines – ATM Networks

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### Virtual Leased Lines Summary





# The Road to a QoS-Optimized Backbone

# Road to a QoS-Optimized Backbone – Step 1



# Road to a QoS-Optimized Backbone – Step 2



## Road to a QoS-Optimized Backbone – Step 3



Regular Traffic