

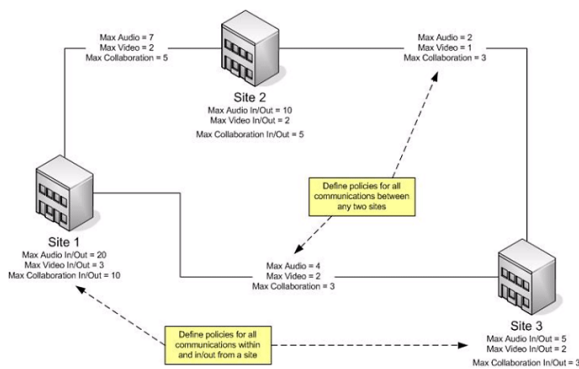
Managing Network Oversubscription of VoIP, Video, and Collaboration

Call Admission Control (CAC) is a way of preventing oversubscription of Voice over Internet Protocol (VoIP) networks. CAC complements, and is a distinct addition to, the capabilities found in other Quality of Service (QoS) applications that are designed to protect voice traffic from the negative effects of other voice traffic or keep excess voice traffic off a network.

CAC is used as a management tool at the call set-up phase and applied to real-time media traffic, rather than data traffic. It stops voice traffic congestion and provides a preventive 'Congestion Control Procedure' to ensure that there is always enough network bandwidth available for other network traffic flows.

Unified Communications without Call Admission Control

Unmanaged use of real-time and unified communications may place considerable additional media traffic loads on LAN and WAN network infrastructures. If this VoIP, video, and Web traffic is left unmanaged, it can easily cause network traffic bottlenecks and loss of service for more operationally critical traffic.

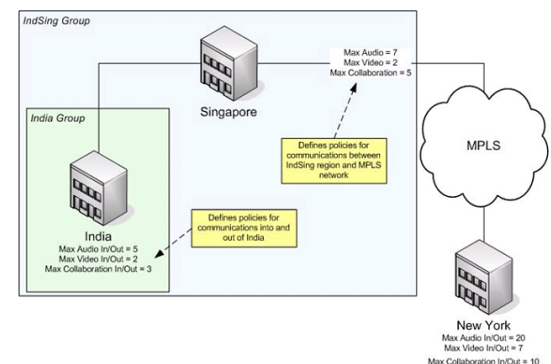


CAC management between sites

Avoiding Oversubscription with Vantage™

Vantage™ recognizes the need to be able to put limits on the number of concurrent audio, video, and Web collaboration sessions between sites. It also allows network administrators to take into account the connectivity interdependencies and Multiprotocol Label Switching (MPLS) cloud limitations that exist between sites.

By providing CAC within Vantage™, network administrators are able to define the number of concurrent connections allowed on the network at any one time. Additionally, they can set the number of concurrent connections at the site- or IP-based group level.



CAC management over MPLS

AT A GLANCE

Actiance Vantage™ ensures the security, management, and compliance of real-time and unified communications – from presence and instant messaging to conferencing and voice.

KEY FEATURES

- **Call Admission Control (CAC) of concurrent VoIP, Video, and Web sessions**
- **CAC settings available wherever group policy is defined and associated**
- **Support for site-to-site and sub-site policy definitions**
- **Customizable user 'inform' messages**
- **Easy import of IP-based group definitions for use in policy**
- **Call Termination Control to end active calls to and from selected sites**