

⇒ Conferencing :-

Conferencing Supports collaborative Computing and is also called Synchronous telecollaboration. Conferencing is a management Service that Controls the Communication among multiple users via multiple media, such as video and audio, to achieve Simultaneous face to face Communication. More precisely, Video and audio have the following purposes in a tele-Conferencing System:

→ Video is used in technical discussions to display view graphs and to indicate how many users are still physically present at Conference. For visual Support, Workstations, PCs or video Walls can be used.

→ Audio is an important Component in tele Conferencing for describing and clarifying visual information. Therefore, quality audio, with true full duplex Communication.

→ Establishing a Conference, where the Conference participants agree upon a common state, such as identity of chairman, access right and audio encoding. Conference

Systems may perform registration, admission, negotiation services during the Conference establishment phase, but they must be flexible and allow participants to join and leave individual media sessions or the whole Conference.

→ Closing a Conference

→ Adding new users and removing users who leave the Conference.

→ Centralized Conference Control :-

Centralized Conference Control provides the establishment of a Conference. First, the initiator starts a Conference by selecting an initial group of invited Conference members (explicit invitation for group rendezvous). This implies that the chairman (initiator) knows the address of all Conference participants. The knowledge of Conference state is inquired from a central directory server, which implies that the client has registered his/her location.

→ Distributed Conference Control :-

Distributed Conference Control is

based on a distributed Conference State.
This is achieved as follows: the initiator
of the Conference establishes a multicast
space, with multicast entries for
distribution of information to the Conference
participants and the Conference is established