

MARS PTT Conferencing

Introduction

MARS Push To Talk (PTT) multicast conferencing allows parties to get in touch instantly through a multicast conference bridge. This application uses the multicast ports of the routers to connect with different parties in a multicast group. Multicast addressing is a network technology for the delivery of information to a group of destinations simultaneously using the most efficient strategy to deliver the messages over each link of the network only once, creating copies only when the links to the multiple destinations split. Once the multicast conferencing is underway it is not dependent on any one party including the initiator or the application server.

Features

MARS PTT Conferencing is an application built on existing technologies to facilitate multicast conferencing between multiple parties. The key features include an IP multicast group address, a multicast distribution tree and receiver driven tree creation. The administrator can create various multicast parties and can start a conferencing amongst them by the push of a button. The application takes care of the keying and rekeying of the information once a party leaves a conference.

An IP multicast group address is used by sources and the receivers to send and receive content. Sources use the group address as the IP destination address in their data packets. Receivers use this group address to inform the network that they are interested in receiving packets sent to that group.

Benefits

MARS PTT Conferencing is an easy to use conferencing application which is low on resource usage. It does not use any conferencing resources and uses the multicast ports to connect to various parties.

Supporting Hardware & Software:		
1.	CUCM Supported	4.X, 5.X, 6.X, 7.X
2.	Phones Supported	7911, 7919, 7920, 7921, 7940, 7941, 7960, 7961, 7970 & Later XML Supported Phones
3.	CUAE	2.4.3, 2.5.1.1.SR2