Nationwide Sales & Service Presence

Multi Control
Unit

(Impact Series)

Excellent peace for video & audio collaboration to organize group meetings between endpoints and also enables participants to ubiquitous video collaboration like share contents, PPT and Whiteboard to make collaboration more interactive and productive.

Learning made simple

Possibilities **Unlimited**

GLOBUS
INFOCOM LIMITED

Technical Specifications

Multi Control Unit

Model No	Impact MCUSS20-T
Specification Multiparty Conference Unit	• The soultion should support bridging functionality from day one. • From day one the bridge must provide 10 full HD video ports @1080p 30 fps and 30 audio conference ports • All necessary hardware to support the above capacity needs to be supplied from day one. Bridge must have a redundant power supply • All the 10 ports must be able to connect different sites at different bandwidths and protocols. H.264 AVC standard must be supported at the minimum to connect all the 10 sites. • The bridge should support room based video end points, the user should be able to join the conference through web or client based connectivity. In case additional components are required for this functionality, all additional components required to have this functionality has to be included in the solution • The bridge should have the capability to host meetings with internal and external participants in a secure way such that itshould co-exist with the enterprise security policies • Should support H.263, H.264, H.264 High Profile/H.265 video algorithms • Should support video resolution from SD to Full HD to join into a conference • Along with the Support for basic algorithms like G.711 and G.722.1 the bridge should also support wideband Audio protocols like MPEG 4 AAC - LC / MPEG 4 AAC – LD • Must support the ability to allow Video conferencing devices, Clients on Mobile phones, Smart phones and Laptops to join into conference. These clients can be inside the WAN network or even on the Internet without a VPN. • The bridge should support transcoding of different Audio/video Protocols. • The bridge should have H.239/BFCP protocol for sending and receiving dual video streams (Presenter + Presentation). • The bridge must also support advanced continuous presence such that the site that is "on-air" to be seen on a larger window and the other sites are seen in smaller quadrants • The bridge must be a secure Non-PC Hardware with a strong operating system. The Hardware and software must be from the same OEM • The bridge should support 128 Bit strong AES encryption for calls and H.235/SHA1 for authentication • It should be possible for outside agencies (for state government, central government, police department, etc.) to join the bridge for multi-party video conference call securely over internet • They should be able to join the bridge using standards based VC endpoints using internet (as long as these endpoints are exposed to internet) securely. • It should be possible to connect 5 such external endpoints /locations concurrently at any given point of time. • It should use secure firewall traversal technology. • It should support any standards-compliant SIP or H.323 video conferencing endpoints • It should support for H.323 SIP Interworking Encryption and H.323 SIP Interworking DuoVideo • It should use standards based firewall traversal methods - H.460.18/19 • The MCU should support viewing of minimum 20 parties in continuous presence mode • MCU should support 50 software licenses to be deployed on Microsoft OS or on android