

# SEAMLESS CONNECTIVITY FOR VIDEO CONFERENCE



Proposal for  
**VIDEO CONFERENCING**

PROJECT BY  
**VPC CARE**

# INTRODUCTION

## HISTORY

There was a time when video conferencing was a luxury that only large corporations could afford. But video conferencing has now become more accessible and affordable. This is mostly thanks to the continued development of Voice over IP or VoIP – more on this later.

## DEFINITION

Video conferencing is a type of online meeting where two or more people engage in a live audio-visual call. With a strong internet connection, the participants can see, hear, and talk to each other in real time, no matter where in the world they are.

### **Basic components of a video conferencing system:**

Video conferencing brings people working from different places together in a virtual meeting room. To make that possible, you'll need:

- A stable internet connection
- A video display device (laptop, desktop monitor, or a television screen)
- A computer or conference phone
- Other peripherals (webcam, microphone, headset, speaker, etc.)
- Video conferencing software

## TYPES OF VC

### **Point-to-point conferencing**

In point-to-point video conferencing, there are only two participants communicating from different locations in real time.

### **Job Interviews**

Employers can speed up the hiring process by conducting job interviews online. This has become a pretty common practice especially for companies that offer remote flexibility.

## Multipoint conferencing

Multipoint video conferencing involves three or more participants; that's why it's also called "group video conferencing".

With multipoint conferencing, you can host or join meetings with larger groups. This makes it ideal for Govt. Department/businesses with several office locations and remote workers.

There are many ways for you to conduct a multipoint video conference, typically depending on the number of active speakers in the meeting and the total number of participants.

Examples: Team meetings, Webinars

## KEY FEATURES OF VC SOFTWARE

Video conferencing solutions offer a wealth of features to provide a rich online meeting experience. Here are some of the more interesting and useful ones to date:

- Screen sharing
- Simultaneous annotation
- Chat box
- File sharing
- Video call recording
- Noise cancellation

## BENEFITS OF VC

Video conferencing is transforming the way organizations/departments communicate and collaborate. If your department/organization still relies on audio conferencing, you might want to check out these benefits of video communication:

### Improved productivity

Video conferencing software typically comes with screen sharing, file transfer, group chat, and other features that enhance collaboration. None of that is possible with other forms of communication like audio conferencing, SMS, or email. When everyone is in sync, they make informed decisions faster and work more efficiently.

### Humanized conversations

The visual component humanizes the conversation, making video conferencing much more engaging than other forms of communication. It allows you to see body language and facial expressions even without engaging in face-to-face interactions.

### Superior communication

Humans process visual data faster than they do text or audio. Compared to an audio meeting, it's more likely for meeting attendees to understand and retain information more effectively when video is involved. Visuals can also help keep them alert and focused on the discussion.

### Well-structured meetings

The start and end time of video conferences are usually predefined. This way, attendees have less time for idle talk and are more likely to stick to the agenda.

## Time and cost savings

In most cases, the goals of an in-person meeting can also be accomplished through video conferencing. Job interviews, webinars, and business meetings—all these can be done without having to spend gas money and endure insane traffic just to get to a specific place at a specific time.

Sometimes, Organizations/departments need to have important meetings with another one from other parts of the state/country or the world. Thanks to video conferencing, they wouldn't have to coordinate and pay for flights/railways, lodging, and food (which they'd need to do with in-person meetings).

## Remote workforce support

The rise of video conferencing made the possibility of having a completely remote workforce even more valid. Proof of this is the fact that manpower can now operate without a physical office and hire staff from all over the world.

Even if your team is working from different locations, they can still get things done while maintaining human and professional relations—all because they're able to join meetings anytime using any device.



# ABOUT US



We VPC Care established in 2004 specialized in selling IT & Office Automation Hardware like Notebooks, Servers, Desktops Computers, Tablets, Printers and Multifunction devices, Displays, Smart Class Room Solutions. System integration and providing Hi-End solution is our key focused area. Our continuous effort towards customers satisfaction and designing right solutions for the clients help us to become a well-known and trusted organization of this territory.

## WHY US

Our strength is our engineers who are having a handsome experience of working with some top-notch companies in IT field and some of having certification of being Microsoft Certified Systems Engineers.

We expanded our market by skilled sales and marketing plans with volume sales in Corporate, Banking, Education and Government sectors. Our association with leading Multi-National OEM's like ACER, Ricoh, Samsung, HP gives us exclusive identity and image. We are having rate contract with Chhattisgarh Government for supply of PC, Notebooks, Printing devices, Accessories. Our B2B sales team efficiently executed many single large orders. The completion capacity of large orders in time won the faith of our client.



## COMPONENTS OF VIDEO CONFERENCING

### HARDWARE

#### IFP (Interactive Flat Panel) 75 ‘

Experience multi-touch capabilities for seamless interactivity. Up to 20 touch points enable simple group creation and collaboration. Wireless Screen share from any devices for easy bring your own device (BYOD) collaboration.

Display	75 ‘ Ultra Prime UHD Interactive Flat Panel Built in Android Plug in OPS , 4mm Toughened Class with level 7 of Mohs Standard, Anti Glare, Anti Collision, Anti Scratch , 178 Degree Viewing Angle, 20 Touch points
Android	Android 8.0, Quad Core ARM Cortex <a href="#">a73@1.5Ghz</a> , 3GB RAM ,32 GB ROM
OPS	I5 DDR4 4 GB RAM, 256 GB SSD, Windows/Linux

#### UPS

It can prevent damage that can occur due to power fluctuations, and also gives you enough power to back up your files, so you can start working on them once the power failure.

Online UPS and Line Interactive UPS	Line Interactive UPS (Offline)with AVR for single phase AC160v to 280v input, 1.0 120 min
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#### PTZ Conference HD Camera

A pan-tilt-zoom (PTZ) camera works by moving the camera in different directions to get a whole picture of the area and zooming.

Conference Cam	<ul style="list-style-type: none"> <li>Full HD 1080p video calling (up to 1920 x 1080 pixels), 1.2x HD zoom, Integrated full duplex speakerphone with echo and noise cancellation, Omnidirectional microphone with 2.4 m diameter range</li> </ul> <p>Frequency response: 200Hz – 8KHz</p>
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#### Internet Connection

A stable internet connection is required for uninterrupted video streaming.

## Software

Video Conferencing Licensed Cloud Software i.e.

Compatibility	Skype for Business and ready for Teams, Zoom, Fuze, Google Meet, Cisco Jabber®andWebEX, BlueJeans, BroadSoft, GoToMeeting, Vidy, and other video conferencing, recording, and broadcasting applications that support USB cameras
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## Site Construction

- Acoustic Wall (Sound Absorption)
- Lighting (COB Lighting- Excellent Video quality)
- AIR Conditioner
- Conference room Furniture
- Others (As per site requirement)



## COMMERCIALS

### Hardware

Item	Price per Unit	GST @18 %	Gross Total Per Unit
IFP 75', UPS 1 kv, Conference Cam, Other Peripherals, System Integration with 1 year warranty	650000.00	117000.00	767000.00

### Site Construction (Optional if Required)

Item	Price per Unit	GST %	GST Rate	Gross Total Per Unit
Acoustic Wall	250.00 /Square Feet	18%	45.00	295.00 /Square Feet
Lighting (Set of 4 Surface & 4 Spot COB Lights)	25000.00	12%	3000.00	28000.00
AC 2 Ton (5 Star)	75000.00	28%	21000.00	96000.00
Furniture (Set of Conf. Table& Chair)	150000.00	28%	42000.00	192000.00
Installation & Others	As Actual	NA	NA	NA



THANKING YOU



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