

Transforming Communication Quality with the HD Visual Communications System



Videoconferencing has long been the mainstream method for connecting distant offices. Due to the limitations of its devices and infrastructure, the image quality was generally equivalent to SD (standard definition) quality, and its application was limited to simple office meetings.

However, the spread of broadband infrastructure and the transition of peripheral devices to HD image quality are making rapid progress. Boosted by the need for greater business efficiency, the shift from conventional low-quality videoconferencing between offices to the use of high-quality HD images is well under way.

Today, rather than restricting use to meetings and conferences, widespread attention is being focused on expanding the use of visual communications as a tool for sharing corporate information in meetings where highly precise technologies are discussed, and using it as a part of the business process itself, in activities like sales and distance learning.



In addition to videoconferencing, many other remote conference systems exist today, including Internet conferences and Skype. Each one contains unique features, and can be

widely used as a tool for conducting business between remote locations without having to travel.

High image quality, high sound quality, and a stable connection are all extremely important for conducting smooth, comfortable remote conferences. The HD Visual Communications System embodies these three major elements. By using a broadband network, the HD Visual Communications System innovates the workflow with a lifelike feeling and a stable connection that differ completely from conventional videoconferencing systems.

The HD Visual Communications System lets you collaborate with business partners from faraway as if you were all in the same room. The level of cooperation achieved by linking your own company's offices, or your office and the office of a partner company, helps to coordinate your efforts while reducing or eliminating both travel time and costs.

Also, when business sites are constantly connected by the Internet, you can communicate with people in distant locations as if you were always right there in front of them.

You can also connect a sub camera in addition to the main camera to share clear images, and connect a PC to conduct meetings while viewing the same exact data as the other party.

Conventional work methods based on business trips and including activities such as meetings, conferences, telephone calls and e-mail, can now be drastically changed.



System Connection Diagram



See What High-Quality Images, High-Quality Sound, and Stable Connection Can Do for You



Circumstances such as dispersed business sites, disparities between urban and local offices, uneven distribution of specialists, and the need for close coordination with strategic partners have made it essential that people communicate by travelling from place to place. However, in addition to being costly, travelling can sometimes be difficult due to geographical factors, weather conditions, disasters, and pandemics such as influenza.

The HD Visual Communications System lets you see the other person's subtle expressions, confirm even tiny, detailed parts, share data from a PC, clearly see the writing on a whiteboard, and conduct active conversations smoothly. Workflows change dramatically when you optimise costs, energise the organisation with collaboration, and effectively use experts to provide intellectual resources.

Optimising Costs: Reducing travelling costs and time.

Until now, business trips were essential for detailed meetings. Naturally, the travelling costs and time required for staff members were huge problems. With the HD Visual Communications System, you can conduct lifelike meetings from distant locations as if you were all in the same room. This dramatically reduces the costs and time required for travelling.

- Reducing transportation between manufacturing plants and the head office development department. (Manufacturing)
- Reducing transportation between hospitals in rural areas and urban areas. (Medicine)
- Reducing transportation between research laboratories. (Universities)
- Reducing the number of business trips to partner companies. (General Corporations)
- Reducing the number of business trips to overseas subsidiaries. (International Corporations)
- Reducing the number of business trips to the head office for training. (General Corporations)

Energise the Organisation: Achieve synergetic effects by collaborating between locations.

Communication continues to increase between departments both inside and outside the country, medical institutions work cooperatively, and educational institutions form alliances. This kind of collaboration produces synergetic effects and energises the entire organisation. In order to efficiently achieve these effects between locations, a system that provides high image and sound quality and a stable connection is required. This is exactly what the HD Visual Communications System offers.

- Providing constant connection of manufacturing, development and sales departments (Manufacturing)
- Linking specialised hospitals with general hospitals to share medical resources (Medicine)
- Conducting collaborative research between advanced laboratories. (Universities)
- Conducting joint projects with partner companies that are dispersed in various areas. (General Corporations)
- Promoting mutual understanding among the management at each business site (General Corporations)
- Conducting human resource activities on a global scale by linking with overseas branch offices (International Corporations)

Effectively Using Intellectual Resources: Using experts in distant locations.

By allowing experts to provide client support over the counter, instructions at medical sites, support for stores with many inexperienced staff members, and lectures from remote areas, high-level business and medical care can be achieved with no regional differences. The HD Visual Communications System allows people to see images of even close-up hand movements along with clear, uninterrupted audio.

- Allowing head office experts to provide local customer support (Finance)
- Medical support to regions with insufficient specialised physicians. (Medicine)
- Allowing specialist personnel to provide maintenance support to CS staff members in remote locations. (Manufacturing)
- Allowing head office experts from development departments to provide technical support to overseas manufacturing sites. (Manufacturing)
- Allowing head office experts to provide detailed store layout advice. (Retail)
- Enabling lectures by prominent instructors (Universities/Technical Colleges/General Corporations)
- Allowing head office experts to participate in technical seminars. (Manufacturing)