

Improve Quality of Patient Care

Allow doctors and nurses to collaborate in order to deliver the best patient care.

Increase Access to Patient Care

Connect doctors with care givers or patients at the point of care anywhere.

Enhance Training and Organizational Productivity

Connect healthcare providers anywhere in order to reduce the cost of providing patient care.

Reduce training/ onboarding expenses for healthcare professionals

Recover wasted time due to travel.

Foster Better Communication and Collaboration

Easily and securely perform high-quality enterprise-wide and business-to-business video calls/ conferences among room, desktop, PC and mobile systems.

Support Green Initiatives

Reduce travel and carbon footprint.



Serve Patients at Any Point of Care

As both the population and the median age of the population continues to increase, healthcare organizations need to leverage new healthcare technologies and processes to improve access to quality care while improving clinical outcomes and reducing the cost of delivering patient care. One of the new technologies available today that is making a positive impact on delivery of quality patient care and cost savings is high-quality video conferencing. High-definition video calls and conferencing solutions are used in many applications, including.

- **Telemedicine** – (1) Incorporates video communication technology into traditional patient care settings. Integrating medical device technology (such as a tele-otoscope) with a video call or conference can aid in interactive examination. Medical specialties embracing this kind of consultation include psychiatry, family practice, internal medicine, rehabilitation, cardiology, pediatrics, obstetrics, gynecology, neurology, speech-language pathology and pharmacy. (2) Increases attendance and collaboration pertaining to patient case reviews by connecting a team of physicians from different areas of specialization to create consensus and determine best course of action or treatment.
- **Continuing Medical Education and Training** – Enables general access to specialized medical knowledge, resource sharing and knowledge transfer to keep up with advances in medicine and with changes in the delivery of care. Telementoring links medical professionals together for interactive instruction during an actual patient procedure or for face-to-face mentoring without direct patient interaction.
- **Administrative Meetings** – Links staff from any location to collaborate more efficiently.

If you seek to further improve access, efficiencies and quality of patient care, then your organization should be equipped with the best communications technology to promote better clinical outcomes while managing costs.

The Challenge – Improving Clinical Outcomes & Reducing Cost of Delivering Quality Patient Care

Institutions have spent billions over the years to deploy new healthcare IT and communications solutions. The utilization of new video communication technology is a critical component of bringing high-quality healthcare to patients anywhere – especially in remote or underserved areas.

According to the U.S. Department of Health & Human Services, healthcare providers must leverage both information and communication technology as a pivotal part in transforming our healthcare system. Some challenges faced by healthcare providers are how to cost-effectively and strategically staff at the point of patient care and how to educate/train the human resources providing the services. Institutions must continually seek to provide the best expertise at the point of patient care to make continual progress in improving clinical outcomes.

From a legal and regulatory point of view, a number of points should be considered when developing or participating in a telemedicine and/or telehealth network. These include: (1) interstate licensure; (2) privacy and security of patient information; (3) reimbursement for telemedicine services; and (4) how to avoid potential liability.

Vyopta’s Solution – Provide Quality Care Anywhere & Be Productive Everywhere

As technology evolves, it is important for healthcare service providers to understand how these telemedicine technologies deliver services to patients. Telemedicine technologies enable the delivery of direct patient care through an integrated network with outlying clinics and health centers linked to tertiary care centers in a hub and spoke fashion. Patient care can also be delivered directly to a patient at an ambulatory care site or even provided as a health provider-to-home connection through a single network connection and video system. Telemedicine can even provide direct patient monitoring links for pacemaker, cardiac or fetal monitoring.

In the final analysis, healthcare service providers need to make available the right expertise and technology at the point of patient care to conduct triage quickly to be able to deliver quality care and to achieve the best outcomes.

Vyopta and TANDBERG have developed video and unified communication solutions that enable cost-effective implementation of telemedicine, education/training and collaboration. Vyopta solutions simplify the use and enhance the user experience for video communications. These video solutions support communication across a wide range of high-definition video endpoints used in point-of-patient-care, conference room, desktop, PC and mobile systems.

Benefits

- Improve access to and quality of patient care.
- Enhance workforce productivity to reduce travel and related operations costs.
- Improve access to critical continuing medical education and onboard training.
- Advance clinical outcomes to target objectives through increased collaboration and access to resources.



Notes: Vyopta can provide broadband network solutions from network solution partners (dedicated Internet access, private networks, SIP trunks or other) and make available sign and language interpretation professionals.