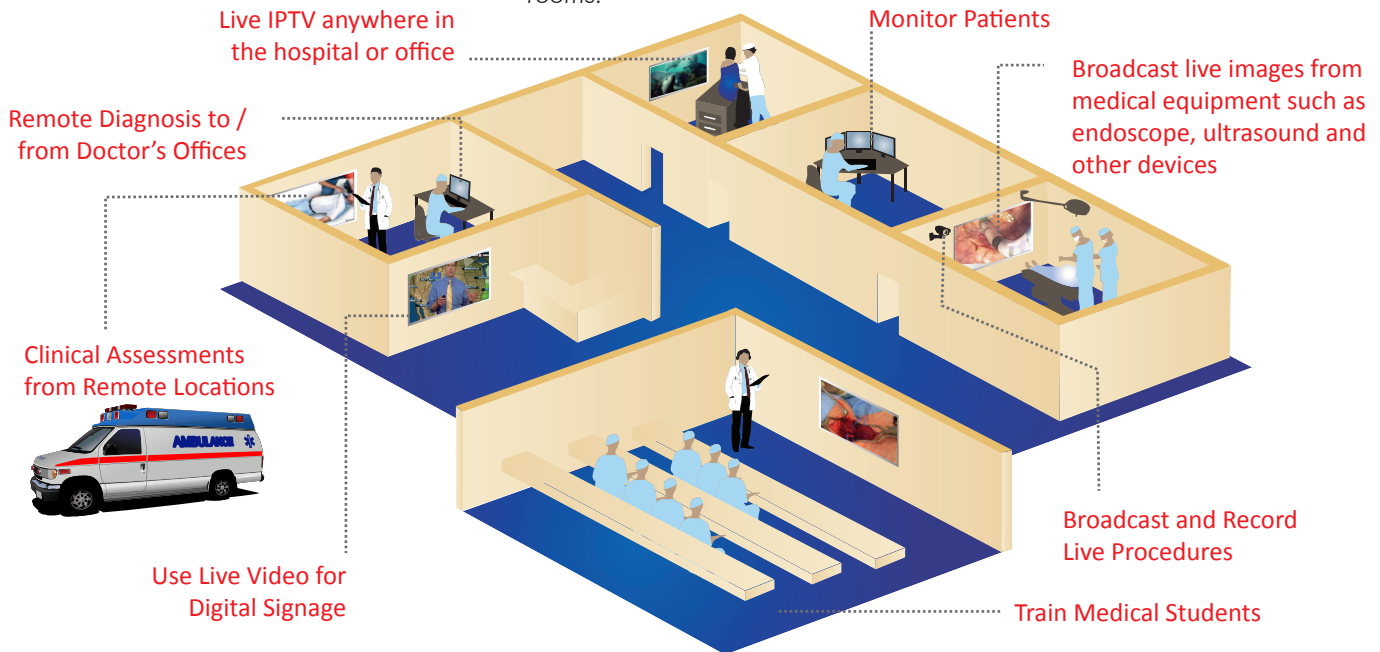


UNREAL
STREAMING TECHNOLOGIES

Unreal Streaming Technologies offers reliable and cost effective video streaming solutions for healthcare organizations and hospitals. We develop and market low latency, real-time streaming video software that enables any hospital or doctors' office to deploy various telemedicine applications such as remote clinical assessment and diagnosis, real-time A/V broadcast and recording from operating rooms.



"1.st Med Faculty of Charles University in Prague deploys high standards of technical equipment to ensure quality teaching of future doctors. Using the technology from Unreal Streaming, actions carried out by an experienced surgeon in a sterile operating room environment, can be seen in real time in other parts of the building; also, a surgeon can remotely discuss the progress of operations with medical students in the lecture hall. By broadcasting live images from the diagnostic and operating equipment (ultrasound, laparoscopic camera) to the lecture hall, we can achieve comparable quality of teaching to what we would get with direct presence of students in the operating room. Using e-Lecture module, we have the possibility of active use of e-learning for teaching students in separate medical training. Medic with just any high-speed Internet connection (about 3Mb), can use a secure connection to watch lectures or surgery broadcast from home. Advantages of Unreal Streaming Technologies solution comparing to other vendors: modularity, system as software and hardware, low network traffic data stream, streaming from existing analog devices, including endoscopes and other medical optical instruments."

► Broadcast and record operating room procedures

Whether you need to collaborate with remote specialists, teach students or record live surgical procedures, our streaming and recording software makes these tasks easy, flexible and transparent for medical personnel. Recording can be scheduled, cameras can be allowed or prohibited streaming from an operating room: all in a single, integrated web application. Low latency live streaming and ability to communicate back to operating room creates telepresence opportunity for your operating rooms.

► Video monitoring

Real time video monitoring of patient rooms, maternity units and other important areas in the hospital or in remote or mobile locations. Live video can be viewed on mobile devices, computer and TV monitors. Any medical device or instrument that provides analog or digital video output: Ultrasound, endoscope, laparoscopic camera can stream live video over IP.

▶ **Train students and nurses**

Create live training classes by streaming real or simulated procedures to local or remote student groups.

▶ **Live IPTV across the hospital**

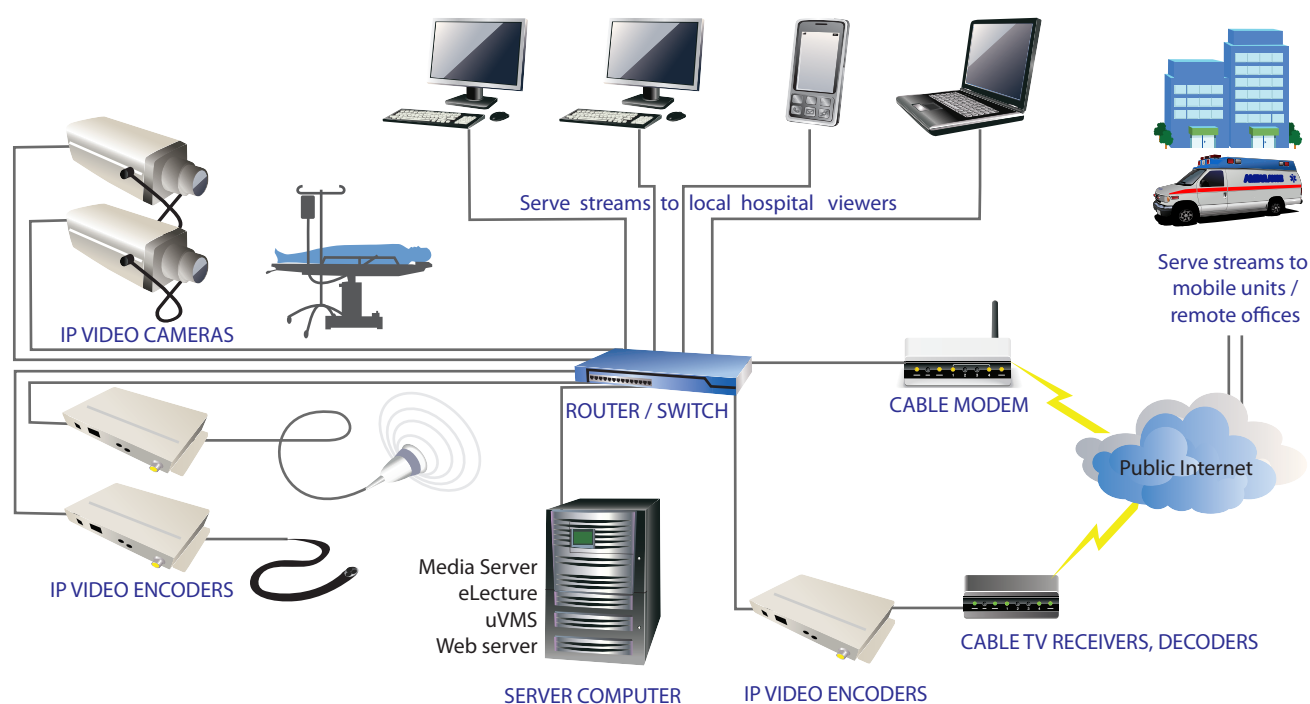
Distribute live TV programs over IP to patient rooms, saving money on expensive cable TV infrastructure.

▶ **Integration to your existing infrastructure**

Our solution utilizes your existing IP network and server computers. You just need a single, non-dedicated server computer to install our streaming server software on. Also, any existing IP, USB or analog cameras can be used with our system.

▶ **Multicast and player-free playback**

Receiving computers can play A/V streams with HTML5 / Flash player in web browser, avoiding any third-party player software installation. Any A/V stream can be also delivered over IP Multicast protocol, dramatically saving your network bandwidth when multiple concurrent viewers watch the same stream. iPads, iPhones, Android phones, set top boxes are also able to play.



Our highly modular approach to streaming video includes a stack of versatile software that enables your hospital to implement various streaming applications. Your hospital only needs a single server computer to install all our software:

- Unreal Media Server: a central streaming server that streams live and on-demand A/V to players across IP network.
- uVMS: a centralized web-based Video Management System for administration of all your video assets across the hospital. Add any existing cameras to uVMS and assign access level permissions. Operators can record cameras, create users and manage recordings. Users can watch the cameras and recordings and even connect their own cameras to the system.
- eLecture: a virtual classroom software product for conducting live interactive classes or training sessions over Internet/LAN, where students attend sessions online via web browser. Students watch live A/V broadcast, post questions and receive answers in text chat mode in real time.

Atlanta GA, Los Angeles CA, • 1-404-478-9202 • www.umediaserver.net • contact@umediaserver.net