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**Aethra Eykona 900 telemedicine solution wins one of our awards for "The Best Products for Telemedicine in The Year 2006";
it is a mobile system that can be taken to a patient's bedside**

19 February 2007. The Aethra Eykona solutions win a telemedicine award for the seventh year running. Eykona won for the years 2000 to 2005, as it was the first solution to integrate a variety of medical devices, images and medical records in a PC-based videoconferencing system and hence was then the only product qualified for the Award.

Aethra®'s Eykona™ 900 (known as the Aethra STAT 100 telemedicine system in some markets) combines cutting-edge videoconferencing with high-tech medical peripherals and a comprehensive patient database. Clinically reliable and cost-effective, Eykona 900 enhances remote consultations and provides increased access to quality healthcare for patients everywhere.

In 2005, Aethra added dual flat-screen monitors and a convenient table on which to write/review a patient's medical notes at a bedside on a hospital ward. (See picture above).

Developed and designed to support remote medical consultations, Eykona 900 manages electronic medical records, processes medical images, provides video consultation services, and allows users to share patient data via both live and Store and Forward applications.

The Aethra Eykona 900 is a roll-about system designed to be wheeled to the bedside of any patient where it allows the user to access patient data in the Patient archive. A unique feature of the Eykona 900 is its capability to manage electronic medical records and to process medical images like x-rays and scans as well as providing video consultation services over ISDN or IP.

The PC architecture allows the connection of medical instruments, such as scanners, ultrasound and CT devices, microscopes, etc. supporting the DICOM 3 SU standard. The system provides easy connection to a variety of medical peripherals and hardware devices, including vital signs monitors, digital stethoscopes, radiographic scanners, video otoscopes, interpretative ECG, digital cameras, and more.

Eykona 900 supports H.323 and H.320 standard video communication sessions over ISDN lines, leased lines, LAN/WAN and satellite networks. The 2006 version of the Eykona provides excellent video quality using the new Aethra H.264 codec and has dual video and two monitors, AES encryption, an MCU, and additional XGA (inputs and outputs).

To comply with patient confidentiality regulations, Eykona 900 provides various security levels to prevent unauthorized access, including screening and data encryption.

Eykona 900 provides intuitive and user-friendly software interfaces to ensure easy management of remote video consulting sessions. The Aethra Eykona 900 for telemedicine richly deserves to win one of our awards for "The Best Products for Telemedicine in The Year 2006."

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Source: Videoconferencing Insight, www.vcinsight.com, 19 February 2007