

RADVISION Desktop Video Conferencing Helps Physicians Streamline Medical Care at Erasmus University Medical Center

About



Customer: Erasmus University Medical Center

Country: The Netherlands

Industry: Medical

Product: RADVISION Desktop Video Conferencing

About Erasmus University Medical Center

The Radiation Oncology Department of the Erasmus University Medical Center cares for patients at both the main Rotterdam campus and the Daniel Den Hoed Clinic located approximately seven kilometers (4.5 miles) away. The Department needed to make the entire team of consulting physicians and technicians available to one another in real-time at both Rotterdam facilities, to ensure fast, efficient and accurate delivery of radiation treatment.

The Mission

The Radiation Oncology Department of the Erasmus University Medical Center cares for patients at both the main Rotterdam campus and the Daniel Den Hoed Clinic located approximately seven kilometers (4.5 miles) away. The Department needed to make the entire team of consulting physicians and technicians available to one another in real-time at both Rotterdam facilities, to ensure fast, efficient and accurate delivery of radiation treatment.



Hans Zandbergen



*Prof. Peter Levendag,
Chairman, Radiation Oncology
Department*

The Challenge

Despite the relatively short distance between the medical centers, traffic congestion makes traveling between them a time-consuming endeavor of close to an hour in each direction. A real-time collaboration solution was needed that would enable all the physicians and technicians to consult quickly with one another.

The system had to deliver powerful high quality multimedia capabilities to allow collaboration on imaging studies, laboratory tests, and patient records. In addition, because of the sensitivity of private medical data, any collaboration solution had to work seamlessly with Erasmus' powerful firewall.

The Solution

RADVISION's desktop collaborative solution was selected for its ease-of-use and ability to integrate with Erasmus' existing workflow, as well as its seamless integration with the familiar desktop environment in all the Center's satellite clinics. High video quality was a key factor, as was the robust data sharing and manipulation capabilities that enable physicians and technicians to share data in real-time and make fast, informed treatment decisions.

Erasmus recognized that the power of the data sharing and manipulation also expanded the value of the investment, as the initial system was deployed at the Medical Center's facilities in the Netherlands Antilles and at satellite clinics throughout the Netherlands. It is also being used for remote training.

RADVISION's desktop conferencing server was installed inside Erasmus' firewall, answering the medical center's need for patient privacy and foolproof security.

The Benefits

The physicians and technicians of the Radiation Oncology Department can now treat more patients in the same amount of time. Mr. Hans Zandbergen stated: "Within a few months of our deployment of desktop video conferencing, there was a dramatic increase in productivity. The physicians and technicians were eager to adopt the easy-to-use tool. Once the system was

online, the benefits to our patients were clear – waiting time was reduced dramatically."

Moreover, patients could rest easy in the knowledge that they were benefiting from the renowned expertise of the Erasmus staff – whether they were in the Netherlands Antilles, in another city, or just across town in Rotterdam.

Looking Forward

The Radiation Oncology Department remains a trend setter – both within the Erasmus Medical Center and in the Dutch medical community. The project has been moved from the Radiation Oncology Department to Erasmus' IT Division, where it is undergoing further evaluation regarding expanded deployment.

The Erasmus desktop conferencing project was the subject of a nationwide study conducted in the Hague, where the feasibility of visual communications and data collaboration

in the medical community was proven. Once issues of bandwidth and data security are widely addressed, the groundwork for a national program is solid.

According to Mr. Zandbergen, the integrated workplace is central to deploying new modes of visual communications. RADVISION's desktop solution leverages the power of the integrated workplace to provide excellent medical care more efficiently, while extending training and enabling wide-scale teaching opportunities.

About RADVISION

RADVISION (NASDAQ: RVSN) is the industry's leading provider of market-proven products and technologies for unified visual communications over IP and 3G networks. With its complete set of standards based video networking infrastructure and developer toolkits for voice, video, data and wireless communications, RADVISION is driving the unified communications evolution by combining the power of video, voice, data and wireless – for high definition video conferencing systems, innovative converged mobile services, and highly scalable video-enabled desktop platforms on IP, 3G and emerging next generation networks. For more information about RADVISION, visit www.radvision.com

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