

Reference

Innovative digital image management solution in the
Hospital Jekabpils, Dr Igors Malikovs and Dr Ivars Zvidris, Latvia



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Reference

Extensive *dicomPACS*® installation at a Latvian hospital

The hospital in Jekabpils, situated 150 km from the capital Riga, was completely refurbished during the past year and is now equipped with the most up-to-date technology in all departments. As many as five new operating theatres were established during the refurbishment process. The hospital boasts 350 beds and employs 65 doctors – seven doctors are on stand-by for 24-hour emergency service. In the summer of 2009, OR Technology implemented the digitalisation of the X-ray department in cooperation with its Latvian distribution partner. A Siemens CT unit, three CR systems, three ultrasound units and two C-arm X-ray systems were integrated. The *dicomPACS*® webserver controls image distribution via the intranet.

Dr Igors Malikovs, head of the radiology department, comments on digital X-ray imaging with *dicomPACS*®

“We are very happy about changing over from analog to digital imaging in our department. Initially, we were a bit concerned about how this change-over could be implemented without interfering too much with our daily work routine. Now that the system has been installed successfully, we know that this worry was unfounded. The entire change-over was effected in a most professional way without us having to cancel any examinations. The greatest benefit for us is the DICOM worklist integrated in the PACS and RIS. Now imaging requests can be sent from all of our three reception desks to the respective diagnostic unit – fast and easily, avoiding many mistakes that used to happen in the past. In addition, we save costs since we don't have to print out images any more. Our printing volume now amounts to only 10 % of what it was previously.”



Dr Igors Malikovs comments on the *dicomPACS*® Webserver:

„We use the webserver at 30 workstations in all our departments and at a few home offices. All the doctors who are involved in the evaluation of an examination or require access to the images, can keep themselves informed without delay. In the past that could take up to several days. Calling up images via the webserver is so easy that some of our doctors use this access from home when they are on call-up. We've had emergencies when the radiologist was able to make a diagnosis from his home office within a few minutes. Prior to the change-over, when X-ray images were only available on film, such fast evaluation was an impossibility.“



The director of the hospital of Jekabpils, Dr Ivars Zvidris comments on the decision for *dicomPACS*®:

“The Latvian health system is currently experiencing great difficulties. In such difficult times it is essential for hospitals to be up to date in terms of technology. Our investment into digital X-ray imaging gives our hospital in Jekabpils the edge in a competitive market. An increase in diagnostic quality coupled with cost efficiency was of utmost importance for us. After having looked at various installations offered by other firms, we decided on OR Technology's *dicomPACS*® and webserver solution. The comprehensive offer and the good price-performance ratio won us over.“



Innovative digital image management solutions ideally suited for private practices and hospitals



dicomPACS® is a sophisticated, high-tech image management solution based on vendor neutral archive technology (VNA) and ideally suited for private practices and hospitals. With **dicomPACS**® all images generated by digital X-ray, CT, MRI and ultrasound devices, as well as diverse documents (e.g., doctors' letters, medical findings, medical history, faxes) are stored in a digital patient folder and readily accessible. Our carefully designed archive and backup solutions guarantee quick access to all data and high security standards (in keeping with the German Medical Devices Act). Furthermore, the software can easily be integrated into all common information management systems (e.g., KIS, RIS and EPA). The **dicomPACS**® software acquires, processes, transfers and archives images as well as other documents.

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