

DAX Medical Video Archive

Challenge

Extend your Smith & Nephew Image Management System with an image archive.

The DAX Medical Video Archive provides an easy and cost-effective solution for archiving and retrieving all patient imaging data captured in the OR.

It enables sharing of all data captured by the Smith and Nephews' 660 HD Image Management System.

The Medical Video Archive offers immediate availability of surgical images and videos after the procedure.

This enables fast and easy access to the patient's data throughout the hospital network.

Integration into the hospital's network requires almost no efforts as users are able to log in to the system through a standard web browser facilitating also easy integration into the hospitals ERM system.

This results in an extremely cost-effective archiving solution which is infinitely scalable.

Solution

The application is completely web-based, providing on-line and remote viewing of patient data. Long surgeries are easily viewable as they are automatically segmented into smaller time pieces, identifiable by thumbnails.

Benefits

- Out of the box solution providing efficient exchange of patient data for data sharing, medical legal control, training and research purposes.
- High and low resolution video archiving providing instant access even with slow remote network connections.
- User-friendly web interface
- Automated and cost-effective creation of long-term Digital Imaging Archives.
- Can be integrated in almost any hospitals IT infrastructure.
- Available for any visual light image (Surgery, Ophthalmology, Dermatology etc.)

Contact for more information:

DAX Archiving Solutions

Worldwide Headquarters

Tel: +31 (0)23 517 26 30

Email: sales@daxarchiving.com

US Headquarters

Tel: +1 949 795 0143

Email: sales.us@daxarchiving.com

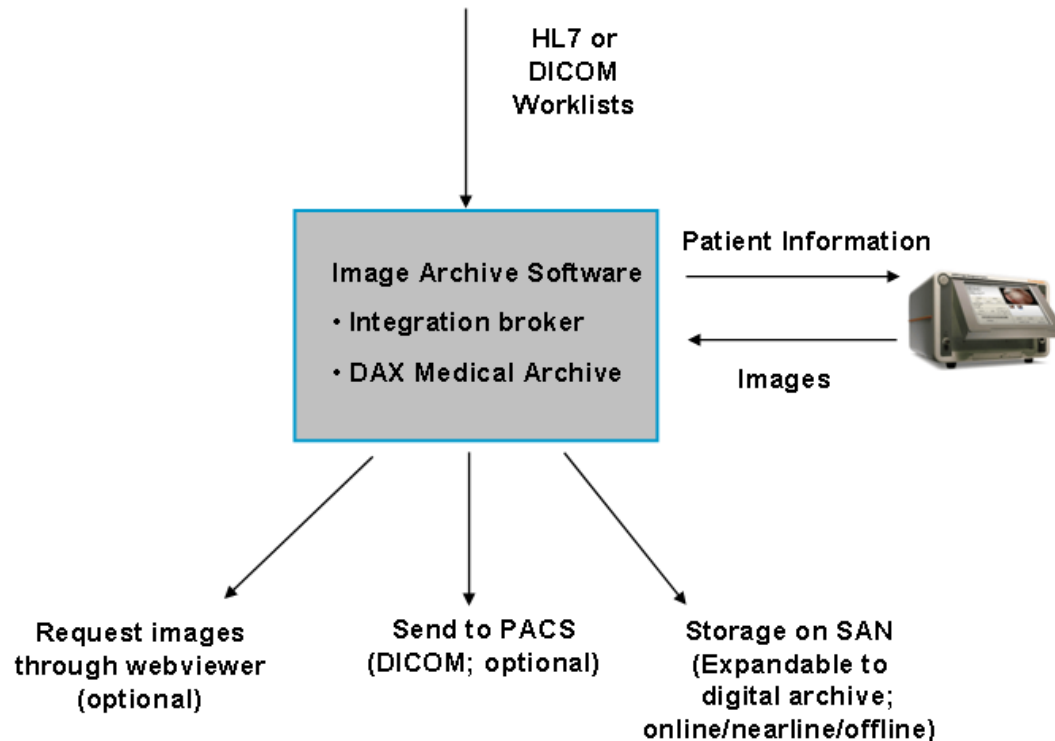
Web: www.daxarchiving.com



The Smith & Nephew 660HD Image Management System is an easy-to-use digital photo and video capture system that enables the OR staff to capture, edit, print, and store intra operative surgical images and videos in true 1920 x 1080 high definition (HD) format. Videos are recorded in the highest quality MPEG1, MPEG2 or MPEG4 format.

Multiple Image Management systems can be connected to the hospital network. All these systems can simultaneously and automatically archive all their patient data to the archive. The metadata collected in the IMS system is used automatically as metadata of the archived patient data in the archive.

GLOBAL ARCHITECTURE



The Medical Video Archive Solution integrates easily in almost any existing environments. The integration broker facilitates HL7 or DICOM worklists feeding the individual capture systems with relevant patient information.

When data is saved on the capture systems, image and video data is sent to the network archive, which is simply created by software using available network storage.

If required, the storage system can be expanded with true archiving solutions, adding tiered life cycle management to the whole solution. Data can also be transferred to the hospitals PACS by means of the DICOM protocol.

Links from Electronic Patient Files can be established easily, using URL and Patient ID's enabled by the File & Folder Web interface (see sample image on page 1).