

SE Suite

Making image data management affordable for all.



- Competitively priced to make it accessible to all
- Enables manipulation, management and centralization of medical imaging data
- Facilitates transition from analog to digital

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Comprising three main software components - SE Server, SE Web Client and SE Standalone - the SE Suite is based on Agfa's proven technologies and extensive experience in radiology. It complements your digital acquisition system by providing the tools to store, manipulate, manage and digitally output acquired images - for both Computed Radiography (CR) and other modalities.

The SE+NX Solution combines all the acquisition and processing benefits of Agfa's NX system with the archiving advantages of the SE Suite. With this solution, smaller practices and veterinary clinics can use a single PC for both acquisition and archiving.

Technical Specifications

SE Suite

- Select the components you require to fit the size and needs of your practice: SE Server + SE Web Client, or SE Standalone.
- Performance and storage capacity are only limited by your choice of hardware (extended storage space to 4 TB).
- Suitable for both veterinary and human healthcare practices.
- Supports a Windows 64-bit environment (software remains a 32-bit application, but can run on a 64-bit configuration).
- Windows 10 support.
- Able to receive MUSICA-processed images from the digitizer.
- Multi-site functionality.

SE Server

- Central archive software that manages and stores incoming DICOM images, and keeps them available on-line at all times.
- Archives your digital medical images centrally using medical-standard technology (standard DICOM engine), including JPG2000 support.
- Includes a web server that enables secure access to patient studies via the web using SE Web Client (up to 15 web clients, depending on licenses).
- Supports standard hardware-based solutions for storage and redundancy. Storage capacity is expandable.
- Supports connection with up to 5 SE Web Clients.
- Configuration and setup tools are bundled in 'SE Central'.

SE Client

Intuitive image display

- Intuitive Windows-like interface.
- Easy layout configuration.
- Easy navigation between studies, series and images.
- Refurbished GUI.

Rich Client functionality

- Multi-modality workstation with 2D and 3D functions (MIP, MPR).
- Supports DICOM grayscale printing and diagnostic softcopy display.
- Print Layout Manager with WYSIWYG printing.

Standard set of diagnostic tools

- Measurements: segments, angles and statistics for ROI.
- Annotations: free hand draw, arrows, text + glossary, shutters and cropping.
- Pan, zoom, flip and rotate.
- Contrast inversion, pre-set window/level or customer windowing and auto-optimized windowing.
- Image filtering and enhancement.
- Cine loop mode.
- Improved HP functionality for CR/Direct Radiography (DR) images.
- Demographic layout for easy editing.

Orthopaedic toolset

- Basic toolset included: standard orthopaedic measurement toolset, including coxometry, 'Lipman Cobb' scoliosis measurement and gonometry.
- Third-party integration: optional OrthoView add-on module for orthopaedic templates (check availability for your country).
- Integration of Agfa's Orthogon software for a range of orthopaedic measurements (requires additional licensing).

Simple reporting

- Integration of Microsoft Word for report editing.
- Export of images to include within the report.
- Support of DICOM SR.

SE Standalone

- Single-seat multi-modality imaging workstation software (image processing and archiving), offering the same viewing functionality as the SE Web Client.
- Ideal choice for the single-user practice.
- Possibility to have an extra mammographic license for using specific viewing tools.
- Possibility to have an extra CR Acquisition Module license for receiving DICOM images from the digitizer.
- Possibility to have an extra WEB server license for using web clients on a Standalone configuration.

Technical Specifications

“SE + NX solution”

SE + NX software builds on industry standard components:

- Pre-staged SE Suite system with NX/MUSICA Workstation:
 - Runs on Windows 10;
 - Standard DICOM engine;
 - Compliance with key IHE profile.
- Example of application of SE+NX Solution (maximum):
 - 110 GB/year, which is sufficient for many years of storage for small practices/veterinary requirements. E.g. 7 years = around 630 GB.
 - Storage capacity: 1 TB (RAID1) mirrored disk.
 - Back-up via optional NAS for disaster recovery.

General features

Connectivity

- Accepts data from your CR system and other DICOM modalities (up to 5) on the SE Server or SE Standalone.
- Practice management systems or other information systems capable of exporting patient information data in HL7 can be supported to create a work list for the modalities (work list server) (optional feature).
- Quality Assurance with manual or automatic verification of patient information received from PMS/RIS, depending on the DICOM modality work list, or relying on standard IHE transactions of IHE PIR profile.
- Exports images to a CD-R and DVD storage, along with the SE Media Viewer.
- Imports images from DICOM, IHE and PDI-compliant media.
- Includes auto-routing system and backup tool.

Standard DICOM engine

- DICOM Service Class User (SCU) for verification, storage, query/retrieve, modality work list and print management.
- DICOM Service Class Provider (SCP) for verification, storage, storage commitment and query/retrieve.

IHE compliance

- Compliant with standard transactions of IHE profiles (CPI, PDI, PIR, SWF and ARI).

For more information on Agfa, please visit our website on www.agfa.com ■

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Published by Agfa NV
Septestraat 27 - 2640 Mortsel
Belgium

202002

