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Picture Archiving and Communication Systems (PACS)

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ECRI Institute, a non-profit organisation, dedicates itself to bringing the discipline of applied scientific research in healthcare to uncover the best approaches to improving patient care. As pioneers in this science for nearly 40 years, ECRI Institute marries experience and independence with the objectivity of evidence-based research.

Footnotes

<1> These recommendations are the opinions of ECRI Institute's technology experts. ECRI Institute assumes no liability for decisions made based on this data.

<2> Multiple interrupt sessions, instant messaging, key images, MIP/MPR and teaching files, flexible image management and archiving

<3> PowerScribe, Lanier, Dictaphone, Fusion, WinScribe, SoftMed, eScription, Vianeta, Speech Q, Talk Technologies, DEWS, RadWhere, Fusion Expert

<4> Leading teaching file management solution with Horizon Study Share Architecture can scale to handle large regional enterprise PACS distributions Extensive clinical tools & efficient workflow tools on the Radiologist workstation

<5> Open architecture allowing a variety of scalable storage solutions for non-DICOM and DICOM, including long-term media: linear tape-open and 9840; spinning disk, DVD jukeboxes, tape jukeboxes, remote storage services; EMC Centera, enterprise solutions (EMC, Hitachi, IBM, others)

<6> Varies based on volume; number of procedures, storage, and concurrent user requirements supported through flexible license schemes.

<7> 2008: software versions 10.1 and 10.2, May 2009: software version 11.0, Q4 2009: software version 11.2

<8> Native document scanning for paperless operations; optimal workflow integration with peer review, discrepancy reporting and teaching files with peerVue (optional); scalable for university hospitals, imaging centers and physician offices of all sizes; teleradiology solutions with tight integration to ThinAir Data; Centricity RIS/PACS/Postprocessing for imaging centers and hospitals; comprehensive solutions for referring physician access; Boost referring physician marketing program.

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