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FOR IMMEDIATE RELEASE

NAI Tech Products unveils portable medical DVD/CD recorder for economical DICOM image copy, distribution and archive.

Auburn, CA—July 1, 2003— NAI Tech Products, well-known for technology expertise in DICOM connectivity products, is introducing the innovative MDR™ -- Medical Digital Recorder, designed to provide portable DVD and CD recording technology for DICOM image management.

The new MDR receives and writes original DICOM images to either CD or DVD media from any mobile imaging modality or from a PACS network. NAI Tech Products believes it is the first medical grade DVD recorder specifically designed for use in both static and mobile imaging applications.

“MDR brings new versatility and economy to image distribution,” said Paul Dempster, vice president of NAI Tech Products. “It is a compact, integrated system equally at home on both portable imaging systems and fixed imaging modalities. And the cost savings of recording images to CDs or DVDs is just phenomenally low compared to the alternatives.”

With its compact footprint, the new MDR fits easily into portable ultrasound and mobile C-arm systems. MDR allows users to copy images during or after a procedure and use them immediately for referrals, patient records or viewing in other areas of the facility. NAI Tech’s new MDR is also useful on fixed modalities like CT, MRI or cardiology systems where a secondary image capture solution is desired. Its low-profile design takes up minimal space, and its easy connectivity makes it a simple addition anyplace on the PACS network.

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Cost reduction is a major benefit of the new MDR System. An exam recorded to a DVD or CD is about one-fourth the cost of duplicate flat film containing the same data. Paul Dempster pointed out that a DVD can record up to 5000 images or about two and a half minutes of uncompressed streaming video at a fraction of the cost compared to SVHS tape or MO disk media, and does not require the addition of specialized playback or viewing hardware.

“The MDR System includes a DICOM viewer that can be burned onto each MDR disc for playback,” Dempster said. “It is completely intuitive so the user can retrieve images quickly for immediate visualization and manipulation of the complete DICOM data.”

Special features included with the MDR DICOM Viewer include file export, e-mail and printing utilities. “The MDR DICOM Viewer is one of the most complete and flexible disk-based DICOM viewers available today,” he concluded.”

The MDR System is designed to work efficiently with minimal operator interaction. It is always capture-ready and provides both multiple archive and single patient modes of operation. Single Patient Mode records one patient record per disc along with the DICOM Viewer Application. This mode is ideal for creating files for referring physicians or patient communications, and allows staff to view individual exams on any available PC, reducing reliance on DICOM viewing stations.

MDR’s Archive Mode records images continuously until the disc is either full or removed by the operator. Unrecorded images are stored on the MDR’s hard drive until new media is inserted. A DICOM Part 10 compatible directory allows easy search and retrieval of individual records contained on each disc. MDR could also be used as a redundant archive system to facilitate HIPAA compliance, or even as a complete digital image archive for small departments or imaging centers.

NAI Tech Products expects to begin shipping the new MDR™ – Medical Digital Recorder immediately. Inquires should be directed to NAI Tech Products at 866-342-6629.

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About NAI Tech Products

NAI Tech Products (Auburn, CA) designs and manufactures DICOM connectivity solutions, specialized video processing systems, media storage and hardcopy applications. The DICOM BOX® product line provides integration of legacy imaging modalities into existing DICOM networks.

NAI Tech Products is a division of North American Imaging, Inc., headquartered in Camarillo, California. NAI is the leading independent supplier of replacement x-ray tubes, CT tubes, medical image intensifiers, CCD and digital cameras upgrades and camera tubes. It is a subsidiary of McDonough Medical Products Corporation, Deerfield, Illinois. For additional information visit www.mcdonoughmedical.com, www.dicombox.com, or www.tubenet.com.

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