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CMS, Inc. Introduces CMS[®] Direct
Innovative Solutions for
Network Storage and Remote Display of Applications

St. Louis, MO (October 16, 2005) – CMS, Inc., the leading provider of clinical software solutions to the radiotherapy market, introduces CMS Direct, a new family of advanced technology solutions allowing for network storage and remote display of applications for radiation oncology. In addition, CMS is showcasing new software releases for IMRT.

CMS Direct is a suite of products that provide solutions to the radiation therapy clinic including CMS Direct MultiVue, CMS Direct Storage, and CMS Direct Access. These solutions allow the clinical practice to take full advantage of their networking capabilities and increase workflow and data flow while protecting the large amounts of clinical patient data generated on a daily basis.

CMS Direct MultiVue

CMS Direct MultiVue houses the XiO and Focal systems together in a storage rack, which can be located in a non-work area. The applications are then displayed to a client system located in the work area. Key features include:

- XiO and Focal systems are contained in a rack with internal networking to increase network connectivity between CMS systems.
- Client systems can access any CMS system.
- Client systems run Microsoft Windows, acting as the personal computer in the user's work area.
- Client systems can simultaneously run multiple applications, including multiple XiO and Focal sessions.

(more)

- Rack-contained systems are wired through a dedicated CMS switch to maximize data throughput between the XiO and Focal systems and minimize the impact of the network outside of the rack.

CMS Direct Storage

CMS Direct Storage provides a networked solution for the daily storage and back-up of data. Key features include:

- Network-connected storage device with 1.0Tb to 3.9Tb of storage capacity. With 2Tb of storage space and an average patient size of 200Mb, the system can hold approximately 10,000 patients online.
- Independence from planning workstations for serving data, thereby enabling them to perform dose calculations and planning.
- Array of RAID-controlled SCSI disk drives providing fast access to stored data while simultaneously protecting the data. If one drive in the array fails, the system will continue to perform. The failed disk can be hot swapped and the system will rebuild appropriately in order to avoid any further failures.
- Dual 1Gb Network Interface Cards (NIC) providing fast throughput to planning systems. Two systems can be receiving data at the same time utilizing the full 1Gb bandwidth. This will be limited by the total number of systems accessing the server and the actual network in place.

CMS Direct Access

CMS Direct Access includes the CMS Broadband solution. CMS Broadband allows users to access patient plans from anywhere via internet connection. CMS innovated this solution currently in use in over 60 sites worldwide.

Key features include:

- Remote planning and review capabilities via the Internet
- Security – supports compliance with HIPAA standards
- Perfect for plan review, contouring, and full planning
- Shadow feature allows you to share plans with remote viewers
 - Perfect for use with CMS support, training or QA

(more)

CMS is also previewing Monaco™, a next generation IMRT treatment planning system using biologically-based optimization with optional dose and dose/volume (DVH) constraints. Based on the Monte Carlo dose calculation, Monaco will provide templates of class solutions. The product is scheduled for commercial release in late 2005, pending 510(k) approval in the U.S.

The new 4.3 release for XiO and Focal is also being demonstrated. This version of the leading treatment planning software will include:

- § Multi Plan Review
- § Color Wash Dose display
- § Doses on Fused Images
- § Doses on Beam's Eye View
- § User labeling of Jaws and MLC
- § Editing closed leaf positions for MLC
- § Print Templates
- § Monte Carlo (non-clinical version)

CMS is demonstrating its prostate brachytherapy system. Interplant® combined with AccuSeed® digital stepper provides a unique, accurate system to pre-plan and intraoperatively manage seed placement. In addition, I-Beam® patient positioning system is being shown.

CMS, Inc. is a world leader in the development and support of radiation treatment planning software. With more than 1,500 treatment planning systems installed worldwide, CMS is a global resource to radiation oncology departments for treatment planning software and prostate brachytherapy systems. A privately-held corporation, CMS is headquartered in St. Louis, Missouri with regional offices in Freiburg, Germany; Shanghai, China; Sydney, Australia; and Tokyo, Japan.

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