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## ECR 2011: TeraRecon Showcase Flagship iMtuition Solution

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TeraRecon, winner of the 2010 Frost & Sullivan "Company of the Year Award" for European Advanced Visualization Applications, highlighted the interoperability, scalability, mobility and multi-site capability of its flagship iMtuition™ solution at the 23rd European Congress of Radiology, March 3-7, 2011 in Vienna, Austria.

"The modern imaging professional operates not in an enterprise defined by four walls, but within an extended network of referring physicians, colleagues, and partners, all of whom participate in the care of a patient, and all of whom are connected by the Internet and private wide-area networks," said Robert Taylor, Ph.D., president and CEO of TeraRecon. "Today's iMtuition solution has been carefully equipped with a host of innovative features to manage the needs of such a multi-site enterprise, which is in effect, the virtual workplace of every physician involved in imaging today."

The challenge of working between multiple sites is compounded by the various bandwidth limitations that exist, which is why iMtuition has been specifically designed with an array of features designed to avoid the need to transfer thousands of images across wide area networks or the Internet, when the necessary bandwidth is not available. The flexible iMtuition UNLIMITED™ solution can be configured to deliver local processing and image distribution for sites with limited bandwidth, while allowing remote interactive streaming, even via the Internet-based iMtuition CLOUD™ if required, for sites with adequate available bandwidth and network responsiveness.

Sites with limited connectivity can relay images for distributed review during off-peak hours with efficient lossless compression using iMtuition's intelligent routing capabilities, while making them available via remote thin-client access before the delayed transfer has occurred. The iMtuition solution is thus fully equipped to cope with the imaging workflow challenges of multi-site enterprises, offering an unmatched, unified platform for advanced visualization, to support the goal of optimal patient care"

Dr Taylor continued, "2010 was a year that saw two key innovations: iMtuition MOBILE™, launched concurrently with the launch of the iPad™, and iMtuition CLOUD, launched only a few weeks later. These technologies complemented the existing iMtuition UNLIMITED portfolio, which already included AquariusWEB for zero-footprint review of images and reports via a browser, and the core iMtuition UNLIMITED solution which provides Limitlessly-Scalable advanced visualization and decision support for the most expansive multi-site healthcare enterprise. The iMtuition portfolio can now be deployed in any manner of configurations, from single-site, to multi-site, to fully Cloud-based deployment with seamless, zero-footprint interoperability with other healthcare informatics technologies."

"The era of 'silos' of isolated data and clinical applications is drawing to a close," said Dr. Taylor. "While no client-server advanced visualization solution exists today which can address all possible clinical applications, none can match the breadth of clinical applications addressed directly by iMtuition, and we are confident that with TeraRecon, modality workstations will be depended on the least, while the vast majority of clinical needs will be directly addressed, with smooth, uniform and optimized thin-client/server workflow, without reliance on dedicated workstations, with all their associated disadvantages."

The iMtuition solution from TeraRecon has been designed from the ground up to directly address the needs of such a working environment, as has been proven in over 3,500 installations globally, including multiple multi-site deployments, such as Jefferson Radiology, a partnership of more than 50 radiologists and the largest group in the state of Connecticut, USA.

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