A new dimension in quantitative care.

Intelerad’s Image Fusion™ module is a viewing breakthrough in oncology care. With full support for PET/CT, SPECT/CT and PET/MR, Image Fusion enables advanced quantitative tracking of patient lesion histories across different modalities, automating image registration and segmentation, for instant side-by-side comparisons.

Embedded into a single diagnostic environment that covers any modality, Image Fusion eliminates costly dedicated workstations and is accessible from anywhere in distributed enterprises. With a suite of powerful interactive visualization tools and one-click collaboration options for referrers, Image Fusion increases reading efficiency and quality patient care.

**IMAGE FUSION™ OFFERS**

› Convenient and rapid setup of side-by-side comparisons

› Facilitated lesion tracking with peak and max SUV determination

› Advanced lesion tracking with auto-segmented volume determination and linear diameter measurement

› True multi-modality support and 3D registration for images from standalone scanners

› Much faster comparison workflow with storage and retrieval of prior measurements

› Industry-leading deployment model with central role-based provisioning and enterprise-wide access on standard hardware
FASTER PRIOR COMPARISONS
› Instantly and automatically arrange side-by-side comparisons of up to 4 studies with the multi-prior manager.
› Full support and 3D registration for images from single and dual modality scanners.

SMARTER QUANTITATIVE CARE
› Review patients’ evolving quantitative history across synchronized images and measurements.
› Track lesions with greater sensitivity, based on volumetric outlines with auto-segmentation, highlighting responses to treatment.
› Powerful summaries of patient disease state via the hot-spot index to pinpoint max SUV locations, and MIP image with all labelled SUV measurements.
› Clicking on hot spot index items or on MIP image instantly updates sagittal, coronal and transverse MPR/fusion views.

TRUE MULTI-MODALITY SUPPORT
› Supports absolutely all fusion studies: PET/CT, SPECT/CT, PET/MR.
› Future-proofed investment will support PER/MR hybrid scanners and non-hybrid images.

ENTERPRISE AVAILABILITY
› Centralized access and integration makes it easy to provision to users in distributed environments.
› Seamless reading of hybrid images within the regular diagnostic viewing environment, for a single integrated reading and reporting workflow.
› Flexible licensing controlled by user/role, integrated directly into the unified InteleViewer environment, running on standard hardware.
› Deploy easily and instantly from a central administration console.

ENHANCED COLLABORATION
› Create image atlases as PDF for referrers’ reference, via drag and drop.
› Easily export MIP, image stacks, or referrer atlases as DICOM secondary captures.
› Send fusion images, patient images and notes instantly to referrer inboxes, with messaging support (via InteleConnect).
› Easily export images to desktop applications such as Microsoft Word® or PowerPoint®.

Image Fusion is customizable to your evolving needs. Please refer to your contract agreement for details on your Imaging Fusion features and functionality.