

Image Fusion™

A new dimension in quantitative care.

Intelrad'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

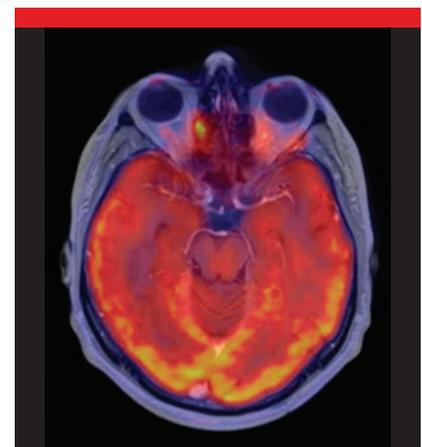
- › Centralized access and integration makes it easy to provision to users in distributed environments.
- › Seamless reading of hybrid images within the regular diagnostic viewing environment, for a single integrated reading and reporting workflow.
- › Flexible licensing controlled by user/role, integrated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

ENHANCED COLLABORATION

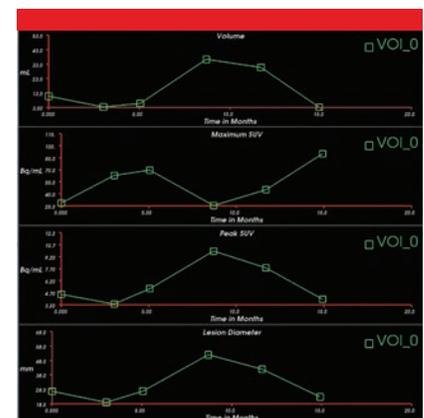
- › Create image atlases as PDF for referrers' reference, via drag and drop.
- › Easily export MIP, image stacks, or referrer atlases as DICOM secondary captures.
- › Send fusion images, patient images and notes instantly to referrer inboxes, with messaging support (via IntelConnect).
- › Easily export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



PET/CT FUSION WITH SUV MEASUREMENTS



FULL SUPPORT FOR PET/MR



QUANTITATIVE LESION TRACKING

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