Philips in the 3D modeling space…

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innovation + you

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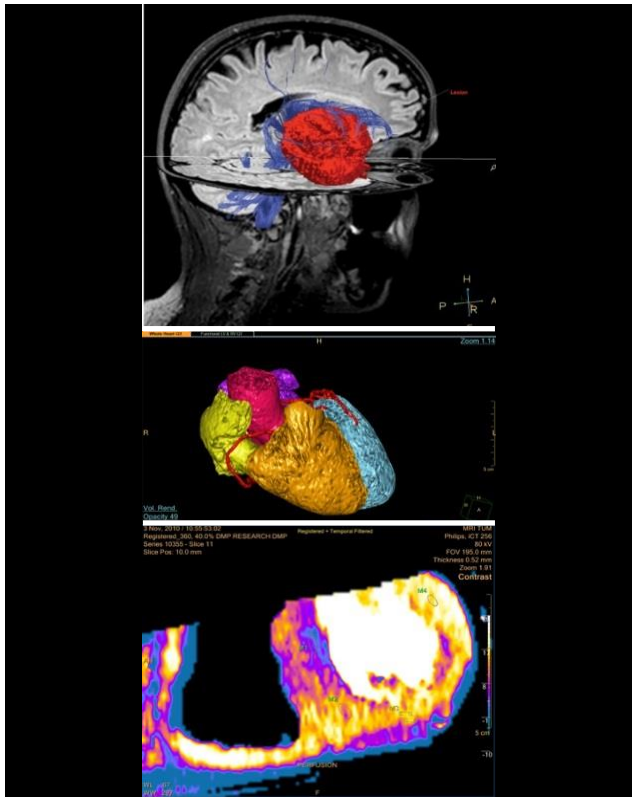
IntelliSpace Portal – Advanced Visualization

Robust confidence-inspiring analysis tools and operations planning



Comprehensive Diagnostics tools. Examples:

- **3D** renderings and **Volumetric** analysis
- **Unique views** (beyond PACS). For Ex.:
  - Perfusion maps
  - Fiber tracking
- Combines **multiple modalities** for better diagnosis (CT, MR, PET, Ultrasound, X-ray)
- **Time-based** analysis - Images comparison
- **Cutting edge** bio-markers analysis
- **CDS** - Clinical Decision Support (integrated data, analytics etc.)

Radiologists efficiency & throughput

- **Automation** of time consuming work:
  - Organ Segmentation
  - Measurements
- **Removal** of non-target anatomy
- Enhanced **workflow** & machine learning

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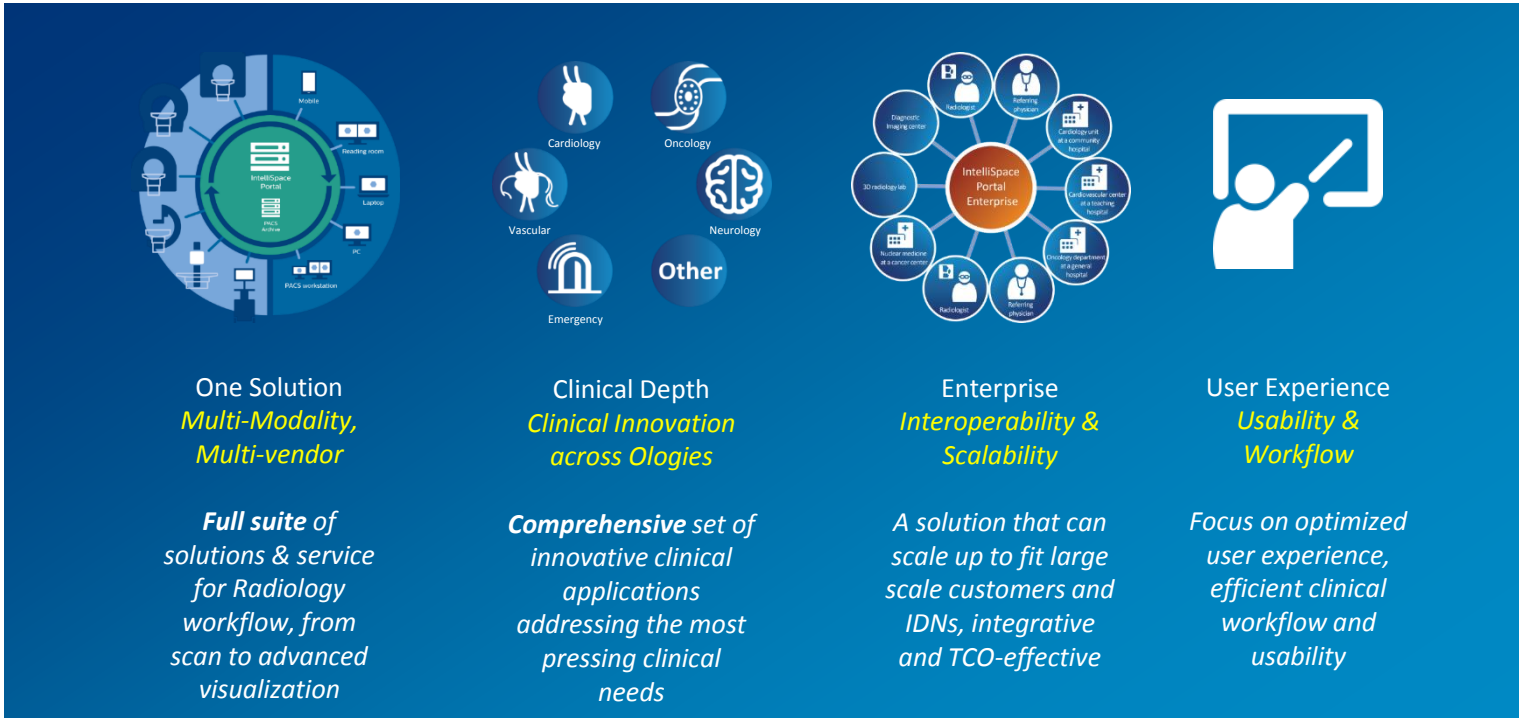
The Power-Base of IntelliSpace Portal

Creating differentiation, Enabling business



One Solution
Multi-Modality, Multi-vendor

***Full suite** of solutions & service for Radiology workflow, from scan to advanced visualization*

Clinical Depth
Clinical Innovation across Ologies

***Comprehensive** set of innovative clinical applications addressing the most pressing clinical needs*

Enterprise
Interoperability & Scalability

A solution that can scale up to fit large scale customers and IDNs, integrative and TCO-effective

User Experience
Usability & Workflow

Focus on optimized user experience, efficient clinical workflow and usability

Powered by service, channel investment & business models

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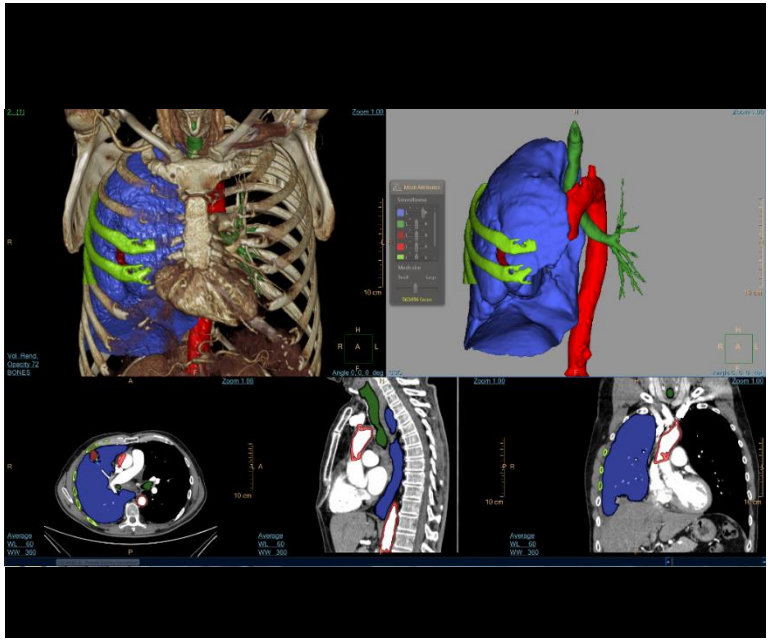
Multimodality 3D Modeling

Create and export 3D models optimized for 3D printing



3D Modeling provides an optimized workflow for physicians wishing to print models utilizing the 3D segmentations (CT or MR) of IntelliSpace Portal applications for verity of purposes.
3D Modeling offers a suite of clinical focused segmentation, rendering and editing tools to optimize a model for printing, and to help assure that the model reflect the true patient anatomy.

- Segment multiple anatomies and component parts in a single workflow
- Enhanced mesh libraries for cleaner printable files
- Tools for optimized 3D editing and tissue management
- Enhancement multiple model preview
- “Quality check” function of model against underlying imaging
- Export to even multiple STLs (and other formats) for print easily
- Save models as 3D PDF for communication and annotation

Expectations from Bio-printing consortium

- Clear clinical use cases for the usage of such technologies
- Options for potential R&D collaboration on the topic (e.g. imaging based planning & outcomes prediction)

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