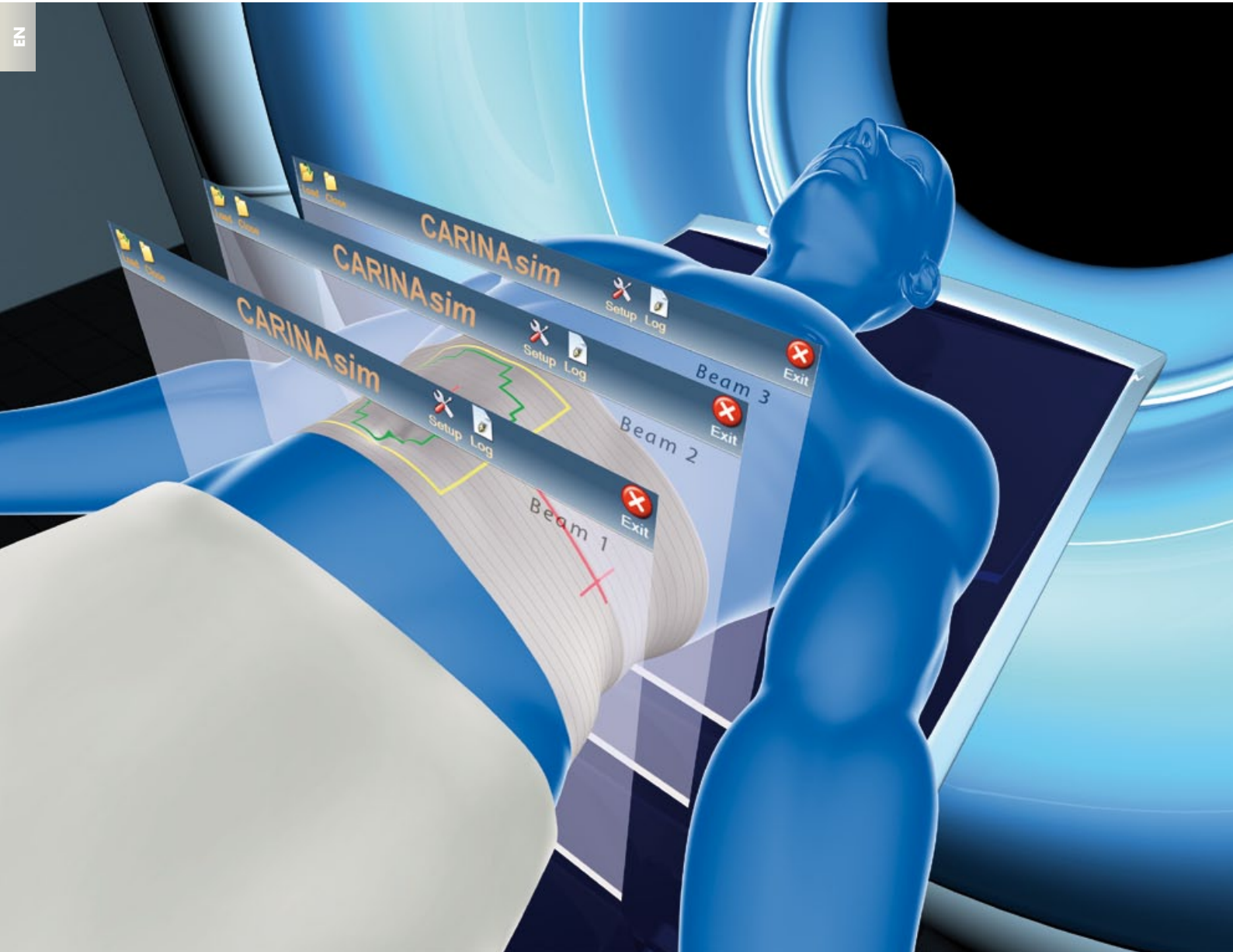
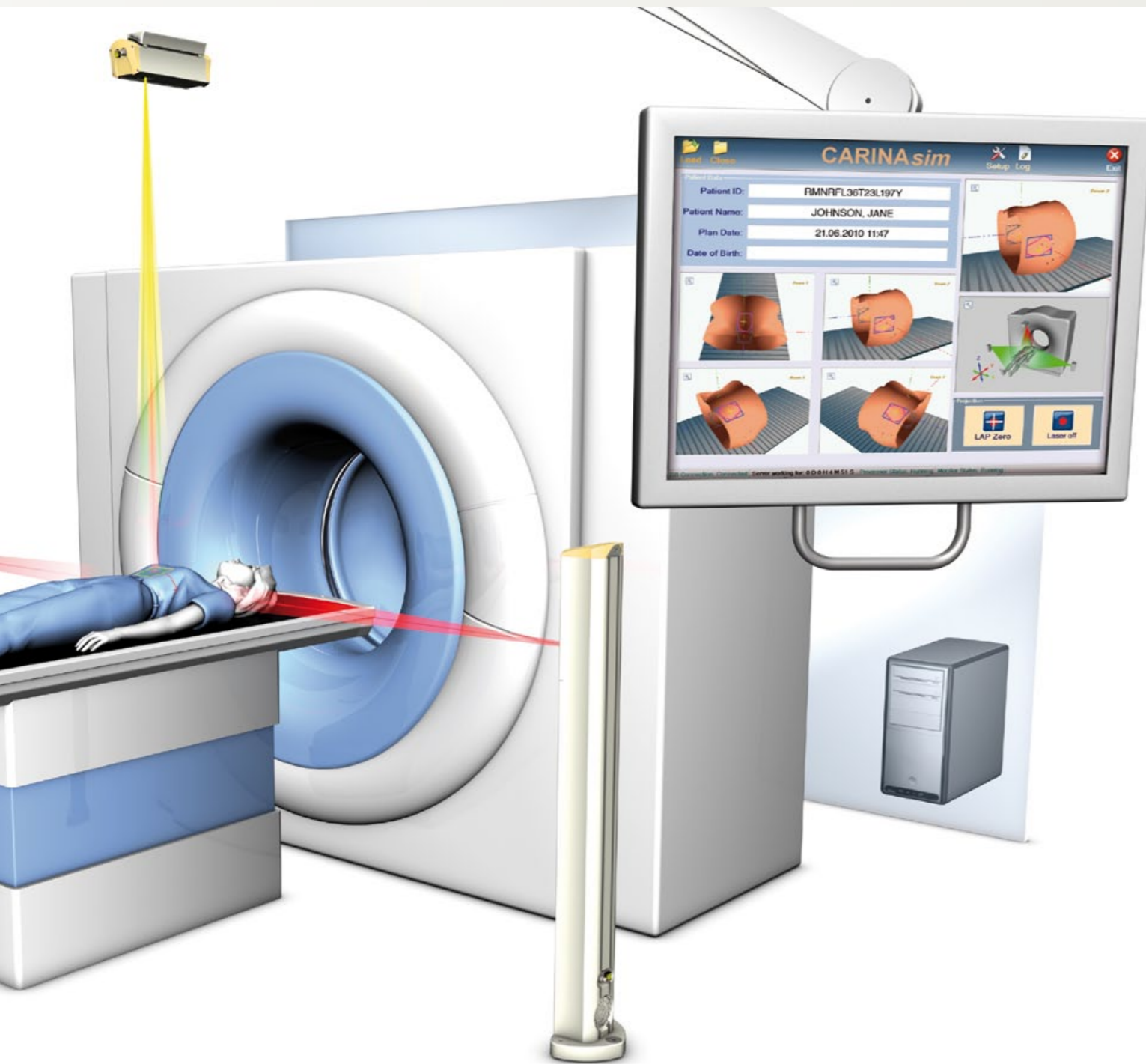


CARINAsim

THE ULTIMATE SOFTWARE FOR PATIENT MARKING AND VIRTUAL SIMULATION



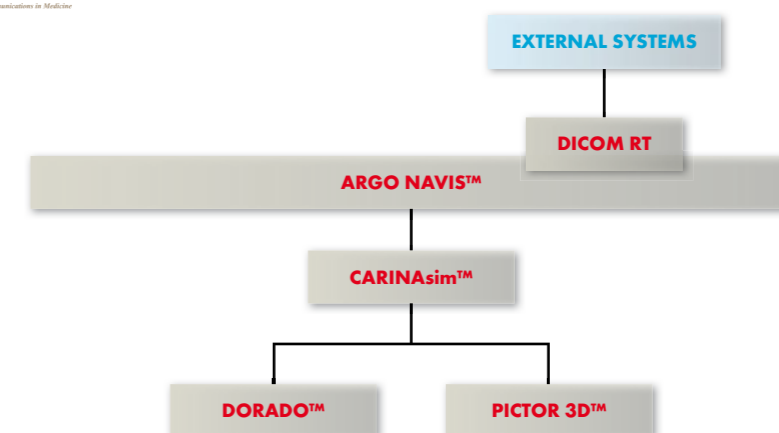


CARINAsim IS AN INTEGRAL PART OF THE WORKFLOW MANAGEMENT PLATFORM ARGO NAVIS

CARINAsim is a new LAP designed Laser Marking Software for Patient Marking and Virtual Simulation. The software package works in conjunction with the workflow management platform ARGO NAVIS.

ARGO NAVIS is a versatile LAP Platform which can be used to store and distribute patient data, patient positioning data, and or control information through a centralized database. ARGO NAVIS provides the radiation therapy department with increased productivity, convenience and accessibility.

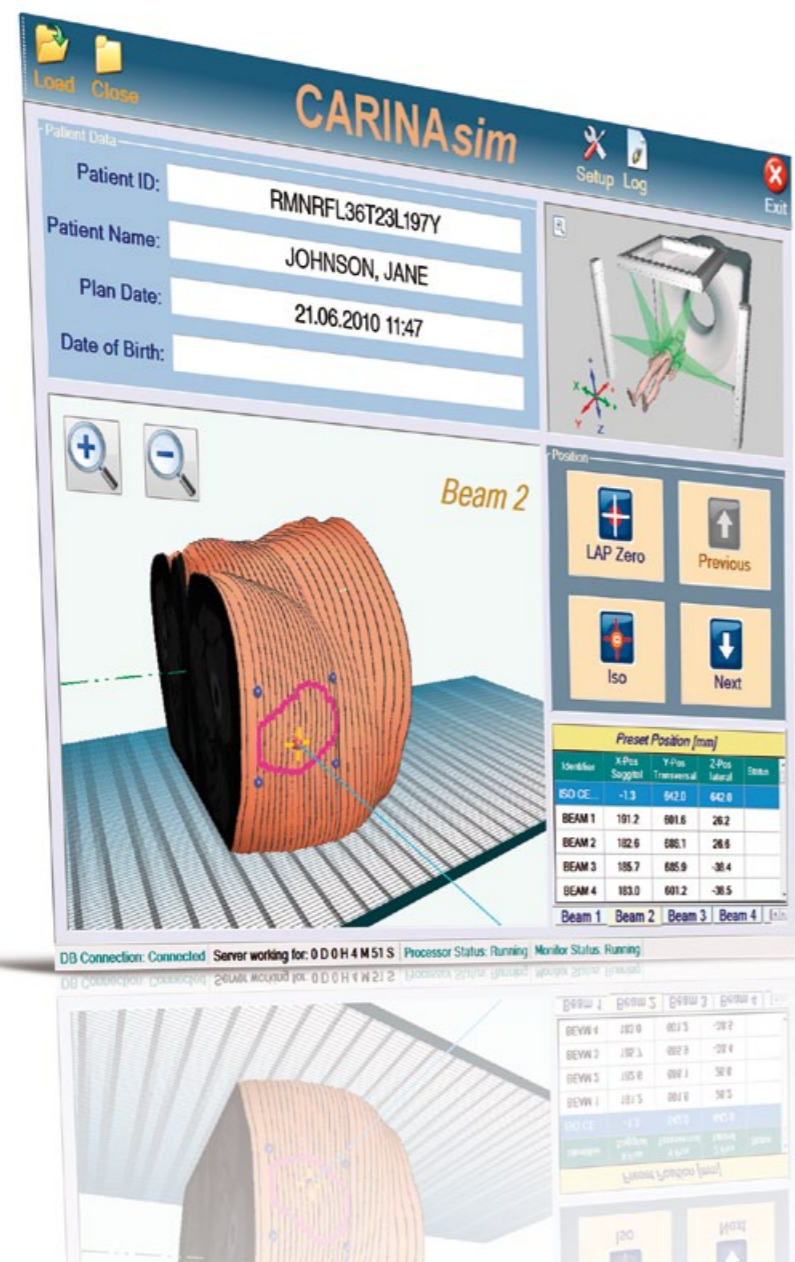
CARINAsim, in conjunction with ARGO NAVIS, satisfies the requirements of all Virtual Simulation users and ensures quality driven therapy processes. The modern graphical user interface intuitively displays all the necessary information to help speed up the patient marking procedure for improved patient throughput while at the same time helping to reduce user errors that could lead to decreased patient safety. Patient information, isocentre and field projections along with laser control are all at the user's fingertips.



CARINAsim LASER CONTROL IS ACCESSED BY AN INTUITIVE GRAPHICAL USER INTERFACE

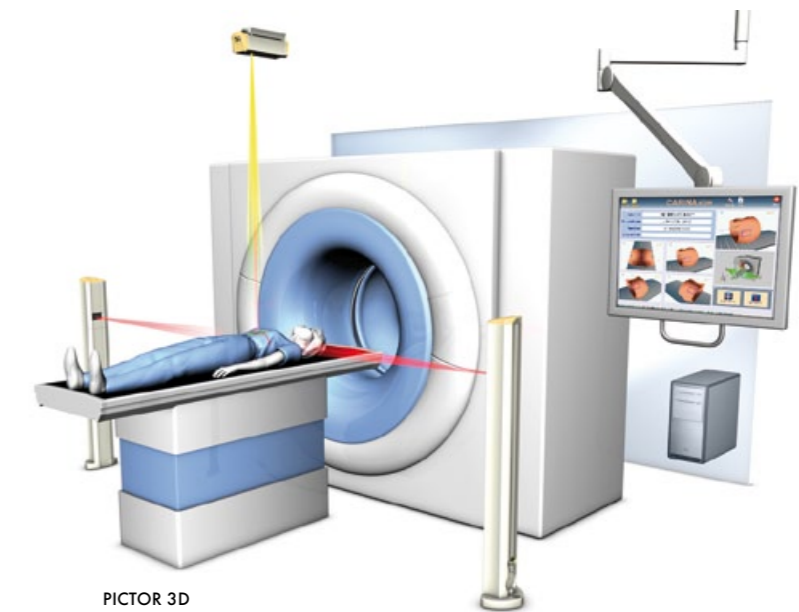
CUSTOMIZABLE WORKFLOW SUPPORT

- Relative Marking
- Absolute Marking
- Reference Point Marking



CARINAsim - ADVANCED MODULAR SOFTWARE SYSTEM FOR ALL LAP DORADO, DORADOnova AND PICTOR SYSTEMS

CARINAsim is backward compatible with all LAP Virtual Simulation laser systems.





CARINAsim - SAFETY AND FLEXIBILITY

The touch screen control of the CARINAsim system is a single point access control unit which enables the next-generation in Patient Marking and Virtual Simulation. The modern graphical user interface with intuitive display of all the necessary information will allow the user to spend less time on managing the technology and spent more time attending to the patient. The "Single touch" control opens the door to a considerable speed up of the Patient Marking procedure and the total Virtual Simulation process. Patient information, isocentre and field projections but also laser controls are at the finger tip of the user.



CARINAsim - A LEAP FORWARD

With full DICOM RT connectivity to all Therapy Planning and Virtual Simulation Systems, CARINAsim takes an important step forward for the advancement of laser simulation software. The RT-Structure Set and the RT-Plan data are imported into the system and the patient surface is reconstructed with all the projections of the prescribed MLC beams. Within an intuitive interface the surface of the patient is displayed in a 3D patient view with the projections of the isocentre and the contours of the MLC fields.



CARINAsim SPECIFICATIONS

CARINAsim™ Client Software

ARGO NAVIS Database™ with DICOM RT Interface

19" Touch screen Interface, Resolution: 1280 x 1024 px, Weight: 8 kg

Operating System: Windows® 7

Computer Intel® Core™ i5-660 Processor, min. 3.33 GHz, min. 500 GB HD

Power Supply: 110 V / 60 Hz, 240 V / 50 Hz

Ceiling Pendant System, Weight: 28 kg, Load capacity: 18 kg at 750 mm extension

LAP QUALITY ASSURANCE SYSTEMS

LAP has been developing and producing lasers for the medical industry for more than 25 years. LAP is consistently on the forefront of the latest developments in research and manufacturing.

LAP's worldwide installation base demonstrates the quality and reliability of LAP systems. Whether you choose red,

green or multicolour systems, or whether you choose stationary or moving lasers, every laser system is of the highest accuracy and reliability. Quality has always been an integral part of our philosophy.

It is our continuous effort to maintain the highest level of quality and to meet our customers high expectations. For all our

products we are offering a detailed service, warranty and training programs. LAP has been certified in accordance with the DIN EN ISO 9001 guidelines for industrial products and the EN ISO 13485 guideline for medical products.

LAP. Quality For Life.

www.lap-laser.com/medical



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Laser Applikationen

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