



TELEMATIC  
MEDICAL  
APPLICATIONS

# Innovative Solutions for Healthcare



 ziosoft

- ✓ ADVANCED VISUALIZATION AND ANALYSIS 
- ✓ CUTTING-EDGE 3D/4D WITH 

# Advanced Visualization Solutions

Ziosoft has revolutionized the field of medical imaging by providing advanced visualization and analysis solutions that meet the evolving needs of health professionals worldwide. Our technology bridges the gap between high performance and accessibility, maintaining impeccable image integrity and offering clinicians transformative tools for detailed analysis.



## Respiratory

Ziosoft offers automated lung segmentation, virtual bronchoscopy, and lesion tracking tools. Clinicians can visualize airways, vessels, and pathology with clarity. Dynamic tools like CT Lung Resection Planning assist in pre-surgical evaluations.

- ✔ CT PA/PV Auto-segmentation
- ✔ Virtual Bronchoscopy
- ✔ Ct Pulmonary Analysis
- ✔ CT Lung Resection Planning
- ✔ CT Lesion Analysis

## Abdominal

Key features include liver segmentation with vessel analysis, renal stone measurement, and dynamic perfusion imaging. CT colon tools support virtual endoscopy and “filet” views for enhanced screening and planning.

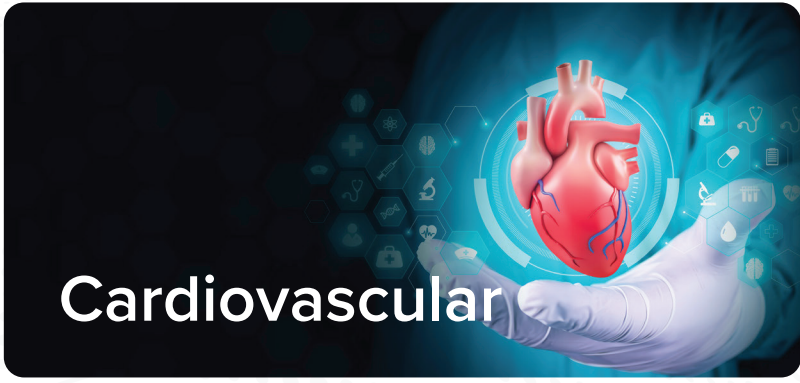
- ✔ CT Volume Perfusion
- ✔ CT Renal Stone Analysis
- ✔ CT Perfusion Analysis
- ✔ CT Liver Analysis
- ✔ CT Colon Analysis



## Orthopedics

Cartilage mapping via T2/T1rho imaging and automated spine reconstructions streamline orthopedic assessments. Ziosoft enables quantitative joint and spine analysis using standardized, batch workflows.

- ✔ MR TX Mapping
- ✔ Advanced MPR Batch
- ✔ 3D Analysis



# Cardiovascular

Ziosoft's cardiovascular suite offers advanced tools for both structural and functional heart imaging. It supports TAVR planning with dynamic annulus analysis, route mapping, and reporting. MR tools measure ejection fraction, wall motion, and ECV for myocardial assessment. CT features include stenosis analysis, calcium scoring, and perfusion imaging. With multi-modality integration, including SPECT/CT fusion, Ziosoft delivers precise, comprehensive cardiac insights for clinical decision-making.

- ✔ TAVR
- ✔ CT/Spect Cardiac Fusion
- ✔ CT Coronary Compare
- ✔ MR Myocardial T1 Mapping
- ✔ CT Myocardial ECV Analysis
- ✔ CT Coronary Analysis
- ✔ MR Coronary Analysis
- ✔ CT Dynamic Myocardial Perfusion
- ✔ CT Cardiac Function
- ✔ MR Cardiac Function
- ✔ CT Coronary Territories
- ✔ CT Calcium Scoring
- ✔ EP Planning
- ✔ CT Coronary Calcium Subtraction
- ✔ Cine Viewer

## Neurology

Neurological tools include brain perfusion (CT/MR), tractography, vessel segmentation, and 4D subtraction angiography. These support stroke evaluation, tumor mapping, and vascular diagnostics with precision and clarity.



- ✔ CT Cerebrovascular Auto-segmentation
- ✔ CT Volume Perfusion
- ✔ Subtraction
- ✔ CT Perfusion Analysis
- ✔ MR Tractography
- ✔ Cerebral MRA Segmentation
- ✔ MR Brain Perfusion
- ✔ 4D Subtraction

## Dental

Ziosoft's CT Dental Viewer generates detailed panoramic and cross-sectional images of the jaw for surgical and diagnostic planning. With curved MPR and high-resolution views, it supports precise assessment of teeth, roots, and jaw alignment. Integrated into Ziostation2, it streamlines workflows for dental and maxillofacial care.



## Oncology



Ziosoft provides multiparametric MRI analysis, MR/MR fusion, and perfusion tools to differentiate tumors from healthy tissue. It enhances oncologic planning through dynamic contrast assessment and clear lesion tracking.

- ✔ MR Multiparametric Analysis
- ✔ CT Lung Resection Planning
- ✔ MR/MR Fusion
- ✔ CT Liver Analysis
- ✔ MR Brain Perfusion
- ✔ CT Lesion Analysis
- ✔ CT Volume Perfusion
- ✔ CT Colon Analysis
- ✔ CT Perfusion Analysis
- ✔ Computed DWI

WHY CHOOSE

# ZIOSOFT

Ziosoft delivers advanced, vendor-neutral imaging software that integrates CT, MR, PET, and SPECT data into one flexible platform. Its AI-driven tools support faster workflows, precise diagnostics, and high-quality 3D visualization across specialties like cardiology, neurology, and oncology. Clinicians choose Ziosoft for its accuracy, efficiency, and proven performance in complex clinical environments.



## Universal Compatibility

Ziosoft integrates effortlessly with all major CT, MR, PET, and SPECT systems, removing compatibility issues and allowing seamless workflows across different vendors. This ensures flexibility in hardware choices and long-term system interoperability.



## Cloud-Enabled & Scalable Solutions

Ziosoft supports both on-prem and cloud deployment, enabling secure, remote access and centralized updates. Its scalable architecture adapts easily to practices of all sizes, from imaging centers to large hospital networks.



## Clinical Specialty Coverage

Ziosoft offers dedicated tools for cardiology, neurology, oncology, orthopedics, dental imaging, and more. Each module is tailored to specialty needs, supporting comprehensive and efficient diagnostic workflows.



## 4D Visualization & Functional Imaging

Beyond static 3D, Ziosoft's 4D tools provide time-based imaging for cardiac motion, perfusion, and vascular flow. Clinicians gain deeper insights into functional changes—essential for accurate diagnosis and treatment planning.



## Ai-Driven Automation

Smart algorithms power auto-segmentation, vessel extraction, and quantitative analysis—reducing manual workload while improving speed and consistency. AI enhances efficiency without compromising accuracy.



## Proven Global Adoption

Used by hospitals and research centers worldwide, Ziosoft has a track record of reliability and clinical performance. Continuous innovation and expert support make it a trusted partner in advanced medical imaging.



ISO 9001:2015  
ISO 14001:2015  
ISO 45001:2018  
ISO 37001:2016  
ISO 22301:2019  
ISO 13485:2016  
ISO 27701:2019  
ISO 27001:2022



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