

MITK How can we help you?

Application Development

Whether you need a complete medical software application, a 3D-analysis and reporting tool to complement your own software, or just a specialized image processing algorithm - we provide you with flexible solutions to meet your demands!

Software Modules

Do you plan to use the open source **MITK** in your own software development team?

We can customize **MITK** to meet your needs and provide you with custom software modules. Regardless of whether you want a customized graphical user interface or would prefer a software interface that implements your own software, our software modules aim to provide maximum flexibility and interoperability. We minimize the efforts required for integration into your platform.

Training & Support

We support your software development team with developer training and individual support for the **MITK** software platform as well as with medical image analysis questions.

Furthermore, we may support your medical product development team by consulting them regarding application design, workflows, and quality managed processes.

Are you interested in a consultation for individual advice, a demonstration of our software, or an assessment of your own or your customers' specific needs?

Please feel free to contact us, we are happy to provide further advice.

MITK Contact us!



Mint Medical GmbH

Im Neuenheimer Feld 582
D-69120 Heidelberg
Germany

Contact info@mint-medical.com

www.mint-medical.com



3D/4D-Medical Image Analysis Application Development

Your solution for customized software tools and applications based on the established MITK software framework

Developed in cooperation with:



What is MITK?

As an established software platform for rapid application development in medical image analysis, MITK is the perfect supplement for your imaging device. It can be equipped with one of our own approved applications as well as with customized solutions. Due to our long experience in the development of medical imaging tools, we are able to provide you with new, individual, flexible, and perfectly integrated 2D, 3D, and 4D image processing and communication solutions in a short time.

MITK has been under development since 2003 by a group of computer scientists at the German Cancer Research Center (DKFZ) in Heidelberg. Some parts of **MITK** are free open source software and can be used for research and commercial applications without any license fees.

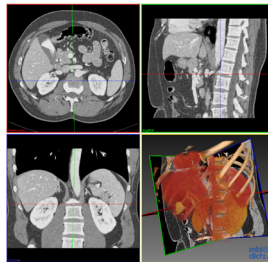
- High-end 3D/4D analysis and visualization
- Leading-edge algorithms for image segmentation, registration, statistics, and reporting
- Customizable to your clinical requirements
- Seamless integration into workflows thanks to highly interoperable software modules, plug-in interfaces and standards such as DICOM and HL7
- Individualized graphical user interfaces
- Adjustable to your platforms and images
- Fast & efficient application development with our extensive MITK software platform
- Over 20 years of experience

MITK What is possible?

Scenario 1: MITK for imaging device manufacturers

You are manufacturer of imaging devices like isocentric C-arms and you want to offer a software package for image analysis, visualization and clinical integration in addition to your hardware.

Mint Medical provides the software application that visualizes your images in 3D and can be integrated in your customers' clinical software platforms. Your corporate identity is applied consistently to provide your customers with consistent solutions.



Scenario 2: MITK for PACS provider

As an established PACS provider you may want to expand the intended use of your software with additional diagnostic, planning and 3D visualization tools.

Mint Medical supplies tailored lesion detection tool like for example **mint Liver** and can develop new lesion detection tools on demand. The comprehensive new functions can be accessed via individual buttons embedded in your viewer.



MITK Product Overview

A huge set of interaction tools provides your customers with maximum usability and efficiency. All of our **MITK** developments ensure efficiency for the clinical user, they allow efficient software development and adaptation, thus minimizing effort and cost.

We offer an extensive C++ software platform with modules in the fields of (semi-)automatic segmentation, registration, visualization, therapy planning, surgical navigation, and statistics and reporting.

MITK requires no special hardware and supports Windows, Linux, and Mac OS. The graphical user interface can be customized to suit the intended use of your product.

MITK developments are seamlessly interchangeable and can be integrated into clinical systems such as PACS, RIS, HIS and clinical workflows. They are based on an established quality management system according to ISO 13485. Being partly open source, the **MITK** platform of the German Cancer Research Center (DKFZ) is well-known and possesses a huge appliance repository, putting over 20 years of experience and research work at your command.

