

# IGSTK Image-Guided Surgery Toolkit

## OVERVIEW

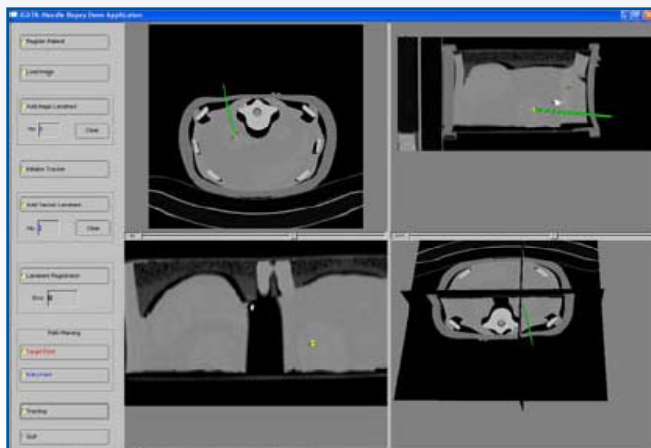
The Image-Guided Surgery Toolkit (IGSTK) is an open source C++ software library which provides the basic components needed to develop image-guided surgery applications. The focus of the toolkit is on robustness using a state machine architecture.

## DESCRIPTION

This project is a collaboration between Georgetown University, Kitware Inc., Arizona State University, and Atamai Inc. All of the software is freely available for download and can be used in research or commercial applications. More information can be found on the website at <http://www.igstk.org>.

## ACKNOWLEDGEMENTS

This work was funded by NIBIB/NIH grant 2R42EB000374-02 under project officer John Haller. Additional support was provided by U.S. Army grant W81XWH-04-1-007, administered by the Telemedicine and Advanced Technology Research Center (TATRC), Fort Detrick, Maryland. The content of this manuscript does not necessarily reflect the position or policy of the U.S. Government. We thank our other collaborators and advisors throughout the project, including Will Schroeder of Kitware Inc.; Ivo Wolf of the University of Heidelberg; Peter Kazanzides and Anton Deguet of Johns Hopkins University; Sohan Ranjan of GE Research; Mihai Mocanu of the University of Craiova, and Ingmar Bitter, Matt McAuliffe, and Terry Yoo of the NIH.

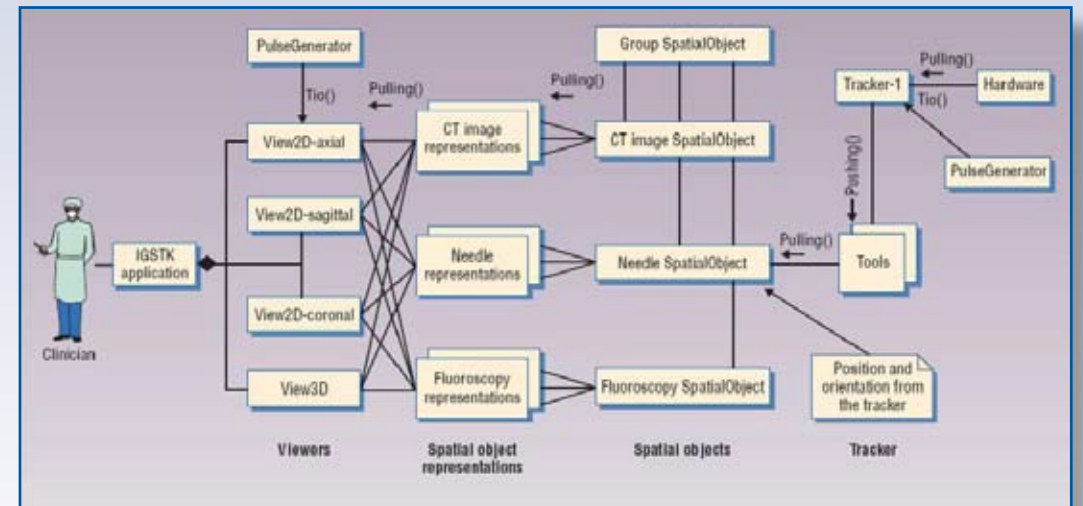
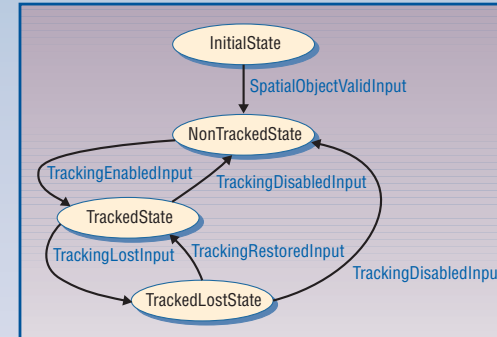


IGSTK Image-Guided Surgery Toolkit: An Open-Source C++ Library | by Kevin Cleary and the IGSTK team

# IGSTK Image-Guided Surgery Toolkit

An Open Source C++ Software Library

by Kevin Cleary and the IGSTK team



Kevin Gary  
Luis Ibanez  
David Gobbi  
Patrick Cheng

Stephen Alyward  
Julien Jomier  
Andient Enquobahrie  
Hui Zhang

Hee-su Kim  
Brian Blake  
Rick Avila

