

# Case Study: TechnoLogica

TechnoLogica uses Infragistics UI controls to achieve next-generation enterprise healthcare solution

TechnoLogica has been an Infragistics customer for many years. We knew that their UI toolsets would help us bridge technology gaps and efficiently integrate all the modules of ARTreat.

Katayose Naoki, Corporation Administrative HQ Manager at TDK Lambda



## The Client

TechnoLogica is a leading software company which has been providing comprehensive services in the field of information technology, implementation of information systems, software development, consulting and specialized training.

## The Challenge

Atherosclerosis is a degenerative vascular disease that potentially leads to heart attack or stroke, the two most common causes of death in Western countries. In order to better understand the disease and select the most appropriate treatment for patients with atherosclerosis, cardiologists needed a more advanced modeling tool. The European Union (EU) funded the development of "ARTreat," a tool that assists cardiologists in determining whether pharmacological treatment or surgical intervention is the best course of action for their patients. A consortium of 18 companies participated in the final project development. TechnoLogica was charged with the responsibility of integrating all modules developed by the consortium into ARTreat and needed a way to deliver a functional solution efficiently.

## The Solution

TechnoLogica chose Infragistics WPF toolset to deliver components and controls for ARTreat. The tool targets providing a patient-specific computational model of the cardiovascular system, used to improve the quality of prediction for the atherosclerosis progression and propagation into life-threatening events that need to be treated accordingly.

“It was critical to have a compelling and functional user interface that enabled our customers to view and easily navigate through multiple UI elements”

Georgi Gerorgiev, Project Manager of ARTreat from TechnoLogica

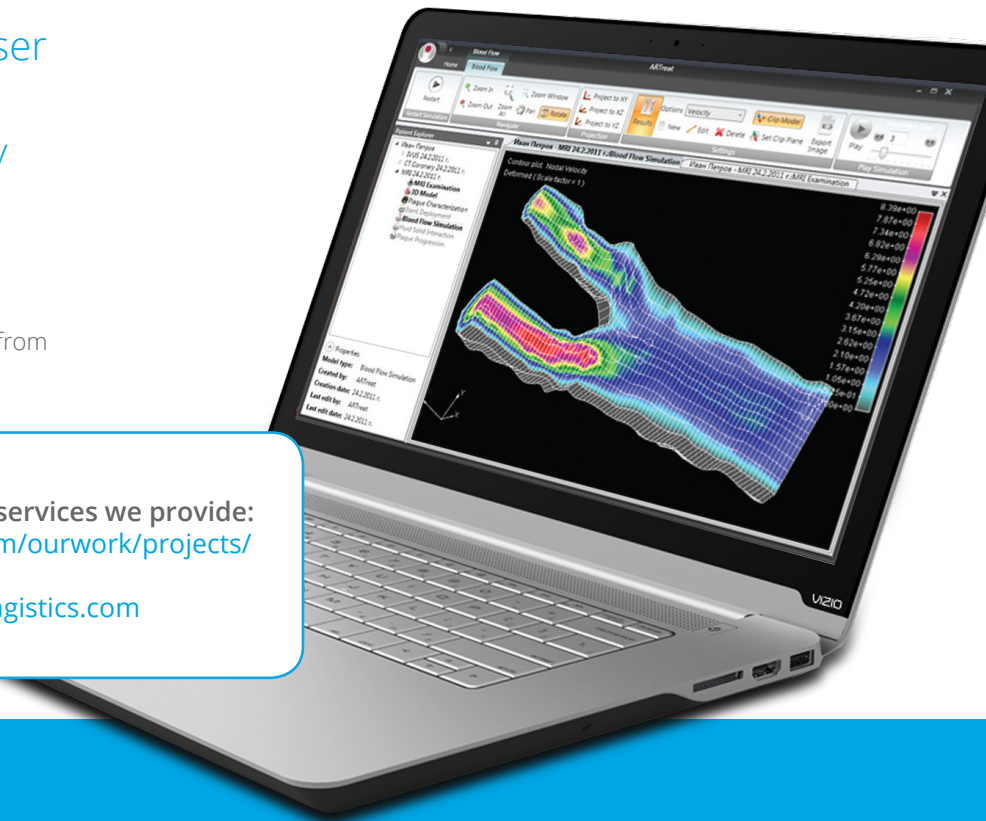


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## The Client's Benefit

TechnoLogica was able to save countless development hours by using Infragistics UI controls instead of building WPF UI controls from scratch, allowing them to deliver a potentially life-saving product to their clients for testing quickly. ARTreat is currently in pilot testing and receiving positive feedback regarding user experience. The structural design of the tool allows cardiologists to dedicate less time in training on the use of ARTreat and more time saving patient lives.



## About Infragistics

A worldwide leader in User Experience and User Interface, more than a million developers trust Infragistics for enterprise-ready toolsets for Web, desktop and mobile applications. The company also provides design tools for rapid, interactive prototyping. Fortune 500 companies increasingly rely on Infragistics apps, including SharePlus, the universal mobile interface for SharePoint, and ReportPlus, the first self-service dashboard and reporting app, to enhance productivity of business users on the go. Along with leading-edge software, Infragistics offers expert user experience services and support. Visit us online at [www.infragistics.com](http://www.infragistics.com) and follow us on Twitter, Facebook, LinkedIn and Youtube.