



VISUALIZATION FOR REQUIREMENTS AND RAPID TEAM-BASED PROTOTYPING

Immersive Visualization

“ iRise is excited that Sapient has embraced enterprise visualization as a strategy to deliver high quality business software faster for federal clients. Visualization is transforming the software industry and Sapient is one of the first major integrators to incorporate this empowering platform into its market approach. Clients are seeing dramatic results with the combination of Sapient expertise and the power of collaborative, visual application definition. ”

- Mitch Bishop, CMO, iRise

Our methodology leverages a nimble, team-based, highly collaborative platform to understand, develop, annotate and simulate refined wireframes and comps, or working application prototypes using the iRise® suite of tools. The output of these artifacts provides a mechanism to collaboratively develop new interfaces, measure user acceptance, and is delivered as a detailed blueprint of the final application solution, ready to begin coding.

Sapient Government Services is a leading visualized software provider in the Federal space. We have extensive experience helping clients collaboratively develop realistic, working prototypes of proposed software applications.

With visualization, Sapient can rapidly create more concise, targeted, and actionable requirements than with any other approach.

VISUALIZATION METHODOLOGY

Our visualization methodology facilitates technical communication between business and IT in real-time. This dramatically increases the quality of the final project by:

- > **Reducing project risk**
 - Enablement of real-time feedback from users through socialization capabilities
 - Enablement of training and rapid collection of design artifacts
 - Simulation of the actual product creating less ambiguity
 - Minimize wasted features and coding
- > **Reducing total cost**
 - Faster deployment of the right solution
 - Better stakeholder involvement that uses less of their time
 - Decrease development re-work to near zero
 - Higher adoption rates

GSA CONTRACT VEHICLES

GSA [IT 70] Contract #: GS35F0363M
GSA [AIMS] Contract #: GS07F0567T
GSA [MOBIS] Contract #: GS10F0275U



A CASE STUDY ON VISUALIZATION

A Governmental Research Agency needed to determine the appropriate navigation flow for a soon-to-be-launched component of their website. In prior stakeholder review sessions, participants struggled to convey in words changes envisioned for the system's user interface.

A communications channel was needed to clearly and concisely demonstrate two possible navigation flows. The team needed to understand the navigation flow scenarios accurately without the time and expense of building both of them using expensive developer resources to get a consensus decision.

From prior experience, all the participants knew that merely explaining the problem and the two alternative solutions was an error-prone approach and difficult for others to understand.

Enter Sapient's visualization Practice and iRise®, a leading visualization tool. In the market of software visualization, Sapient draws upon best in class methods and various tools to create highly tailored client solutions.

Within a **single working day**, the original specification of the intended behaviors - a one page textual description of the two alternatives - was transformed into a visually compelling application visualization that mimicked the look, feel and behavior of the future application - in **both** variations.

The technology was sitting behind the scenes. Sapient experts and the Governmental Agency's technologists navigated the application in a web browser exactly as they would in the real production system. After sixteen minutes of demonstration and ultimately clicking through the two alternatives, a quick consensus on the decision was reached.

Upon leaving, an agency participant could be overhead nudging his colleague, "That was easy..."

ABOUT SAPIENT GOVERNMENT SERVICES & CAPABILITIES

Sapient Government Services, a division of Sapient, is a leading provider of consulting, technology, and marketing services to a wide array of U.S. governmental agencies. Focused on driving long-term change and transforming the citizen experience, we use technology to help agencies become more accessible and transparent. With a track record of delivering mission-critical solutions and the ability to leverage commercial best practices, we serve as trusted advisors to government agencies such as the Federal Bureau of Investigation, Library of Congress, National Institutes of Health, United States Department of Health and Human Services, and United States Department of Homeland Security.

CONTACT US

For more information, please contact us at:
1-703-908-2400 or sales@sapient.com.