ViQi

CLOUD-BASED IMAGE ANALYSIS AND VISUALIZATION SOFTWARE

Fast, accessible, and easy large-scale image analysis.

ViQi provides scientific researchers and developers with a user-friendly, adaptable, and scalable software that can visualize, analyze, and store over 250 types of large-scale image formats in one central cloud-based repository.

Leadership

The ViQi leadership team is made up of three UCSB researchers and business leaders with over 20 years of research and development experience in complex data and imaging. Over 12 years ago the ViQi team built and scaled an open source platform for image analysis called BisQue, which has become a widely used solution in academia.

FOUNDERS

Kristian Kvilekval, Ph.D.

Kris is the project lead and co-designer of ViQi's technology. He has lead scalable and quantitative imaging tools and services since 2006 as a scientist at UCSB. Kris's expertise in databases and distributed systems enables the continued scalability of ViQi. In addition, Kris has extensive experience working on large cluster and cloud computing platforms. Before pursuing his career in academia, Kris founded a successful software company in Europe.

Dmitry Fedorov, M.S.

Dmitry is a world-class image processing and computer vision expert. He is also co-lead of the BisQue project at UCSB. Dmitry passionately believes in delivering the best products and has developed highly successful image processing tools and viewers. His design and practical experience has contributed to ViQi's efficient and easy-to-use nature.

Christian Lang, Ph.D.

Chris is a computer scientist in data management and information retrieval. His research interests include novel database architectures, information retrieval, data analytics, and knowledge discovery. He is particularly interested in performance and usability aspects, and the application of novel data mining technology to new areas. Chris also has experience in the retail, banking, multimedia and chemical industries. He has additional expertise in compilers, operating systems and distributed systems.

What ViQi Offers

- **Image Analysis & Processing:** Large-scale image processing and visualization (250+ supported image formats)
- **Large-scale Storage & Collaboration:** Manage and store large digital resources to save, share with collaborators and repurpose
- **Machine Learning & Adaptable Analysis:** Automated tools for better (and more!) results
- **Consulting & Customization**

Who Uses ViQi

ViQi provides services to researchers and developers across life, health, and earth science industries. ViQi specializes in services for healthcare diagnostic tool developers and providers.

What ViQi Users Are Saying

"*ViQi has dramatically accelerated and automated our discovery R&D pipeline of complex, imaging-based cancer diagnostic tests.*" — Pascal Bamford Ph.D. CSO & Head of Laboratory Operations, Epic Sciences

"*ViQi is a turnkey solution to manage complex image analysis. Before using it our workflow was way too complex – ViQi brought everything together and made it so much easier.*" — Robert Miller, Ph.D. Marine Science Institute, UCSB

"*ViQi has enabled us to become leaders in the development and distribution of new standards for fibrosis quantification.*" — Mathieu M. Petitjean, Ph.D. CEO, Genesis Imaging Services

Why Customers Choose ViQi

ACCESSIBILITY
– Access your images and data from anywhere
– Easy-to-use analysis tools
– Priced for your specific needs

SCALABILITY
– Unlimited data & storage
– Unlimited users and collaboration
– Analysis automation and machine learning

FLEXIBILITY
– Analyze 250+ different image formats – ViQi has
the largest selection in the industry
– You own your data and can remove it at anytime
– Our adaptable tools (and consultants!) work for
your specific research needs

Contact ViQi, Inc.

315 Meigs Road, Suite A261
Santa Barbara, CA 93109
Email: info@viqi.org
Phone: (805) 699-6081
Website: viqi.org

Press Inquiries

Julie Scotland, Marketing & Media
Email: julie@viqi.org
Phone: (503) 680-4455

For Immediate Release (June 18, 2019)

Scientific Image & Data Analysis Software provider ViQi, Inc. Awarded SBIR Phase II Funding From U.S. Department Of Energy

Santa Barbara, California (June 18, 2019): ViQi, Inc. today announced it has received an SBIR Phase II award from the U.S. Department of Energy in the amount of $1MM. These funds will support the development of advanced scientific data processing and visualization tools.

The U.S. Department of Energy awards grants through a very competitive application and review process. ViQi came out on top due to their strong business demand, cutting edge technology in web visualization and massive data processing, and impressive track record in both business and technology development.

"ViQi has demonstrated a truly unique capability to provide real-world solutions to large data problems," says Pascal C. Bamford, Ph.D, CSO and Head of Laboratory Operations at Epic Sciences. "I am looking forward to seeing this project supported and the rapid progress it will afford."

"We are excited and honored to receive this prestigious DoE award. It will enable ViQi to bring advanced large-scale image processing and analytics workflows to scientists right in their browser," says Kristian Kvilekval, CEO at ViQi. "This has the potential to accelerate scientific discoveries in many fields, from materials science to life and earth science."

This grant will be used to develop advanced data processing and visualization tools for very large datasets. Specifically, the areas that the company will focus on are:

- Large-scale image & data processing technology, tools, and services
- Cloud-based visualization technology, tools, and services
- Accelerating and validating R&D workflows for scientists

ViQi, Inc. has already established itself as the premier platform for advanced management and analysis for scientific images. The ViQi team created the first Web GL 3D Volume Renderer and has made significant advancements in large data visualization and processing for scientists. The integration of diverse scientific data types and easy large-scale data processing capabilities within the software has expedited client discovery processes and results.

About ViQi, Inc: ViQi provides fast, easy, and accessible cloud-based image analysis and visualization software for scientific researchers and developers. ViQi users can visualize, analyze, and store over 250 types of large-scale image and data formats in one central repository. ViQi was founded in 2014 and is headquartered in Santa Barbara, CA. Learn more at viqi.org.