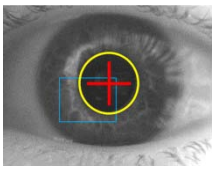
PRESS RELEASE

Clayne A. Woodbury
www.simcreator.com
National Sales Manager
Realtime Technologies
(801)446-7186
cwoodbury@SimCreator.com

Karl F Arrington
www.ArringtonResearch.com
President
Arrington Research, Inc.
(480)985-5810
ari@ArringtonResearch.com



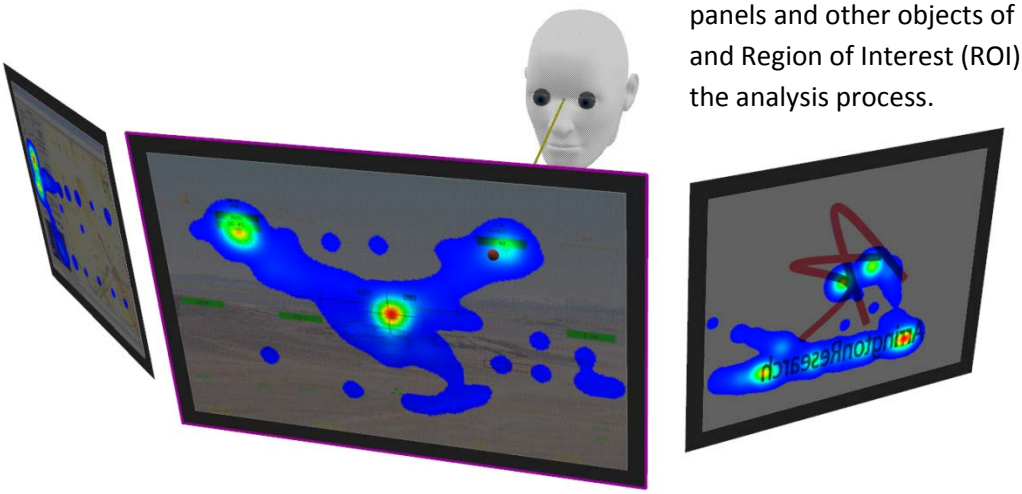
Viewpoint 3DWorkSpace™ now interfaced to SimCreator

Arrington Research partners with Realtime Technologies, to integrate its new *ViewPoint EyeTracker®* *3DWorkSpace™* with SimCreator.

Arrington Research, Inc. has completed the integration of its new 3DWorkSpace™ layer of the ViewPoint EyeTracker® with Realtime Technologies, Inc. SimCreator® providing a cost effective complete 360° eye tracking and head tracking solution within the driving simulator.

3DWorkSpace™ from ARI, provides a turnkey solution to EyeTracking & HeadTracking integration. This integration provides real-time and post-hoc display of which panel or region of interest the user is viewing and the (x,y) coordinates of the gaze point on that panel.

Interfacing *3DWorkSpace™* with the driving simulator from RTI adds an enhanced level of real-time feedback of driver actions and reactions. Eye movement measurements will provide a unique understanding of driver reaction to internal and external equipment and distractions. Real-time changes to simulations can be made on the basis of eye movements.



3DWorkSpace™ provides tracking across multiple panels and other objects of interest. HeatMaps and Region of Interest (ROI) linkage maps simplify the analysis process.

Unique Features of the *3DWorkSpace™* include:

- Quaternion transformations eliminate gimbal lock and provide glitch-free, smooth and efficient rotations.
- Intuitive 3D graphics show exactly what the head and eyes are doing together.
- Fast & Easy - setup and calibration in less than 5 minutes.
- Heat maps & ROI linkage maps over multiple monitors and objects in real-time and post-hoc
- Real-time control of the eyetracker and data access.

About Realtime Technologies:

Realtime Technologies (RTI) specializes in real time multibody vehicle dynamics, and graphical simulation and modeling. RTI offers simulation software applications, consulting, custom engineering,software, and hardware development. RTI's customer base includes university researchers throughout the U.S. and Canada, international, government and private entities. Founded in 1998, RTI is based in Royal Oak, Michigan and has a satellite office in South Jordan, Utah.

About Arrington Research, Inc:

Arrington Research, Inc. (ARI) is a world leader in eye tracking and in the integration of their *ViewPoint EyeTracker* ® into various head mounted displays and helmet mounted displays (HMDs). The owner, Dr. Karl Arrington headed the HMD Laboratory at AFRL, Mesa for several years, before working for ARI full time. ARI worked closely with Boeing to help them deliver the VIDS 20/20 system that in real-time moves around a blended high-resolution video insert in a simulator. ARI has sold over a thousand eye tracking systems into hundreds of countries around the world. Founded in 1995, ARI is based in Scottsdale, AZ.