

## 3D Visualization, Simulation, and Training Markets to Expand Rapidly; Total Spending Will Reach \$31.5 Billion by 2011, According to New Acacia Research Group Study

VANCOUVER, Wash.—(BUSINESS WIRE)—Feb. 14, 2006— Worldwide spending on hardware, software, and services for 3D visualization, simulation, and training will reach \$22.1 billion in 2006 and grow to \$31.5 billion by 2011, according to Acacia Research Group's latest market study, Opportunities in Visualization, Simulation, & Training 2006-2011.

"We expect to see impressive expansion in all segments," said Acacia Senior Analyst Christine Arrington, "Defense and governmental spending is a major driver but commercial interests -- from oil and gas to pharmaceuticals -- are going to be investing in visualization and simulation technologies as well."

### VS&T Spending by Segment 2006-2011

Segment	2006	2011	CAGR
Defense & Government	\$13.5	\$17.9	5.7%
Design & Engineering	\$3.6	\$5.3	8.3%
Industry & Business	\$2.7	\$4.5	10.9%
Medical & Scientific	\$2.3	\$3.8	10.2%

All figures in billions, except percentages.

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North America will account for the bulk of spending in 2006, about 55% of the total, but other regions, especially Asia, are rapidly increasing share. Spending on hardware will make up about 54% of the total but will dip to just over 49% by 2011, with services and software growing as a percentage of total spending.

"We see expanding opportunities for off-the-shelf product providers within this market, especially tool and middleware vendors," said Arrington, "Organizations and service providers can't build everything themselves. They are in the market for technologies ranging from specialty solutions all the way down to immersive game engines and their concomitant toolsets."

### About This Study

Opportunities in Visualization, Simulation, & Training 2006-2011 examines the worldwide and regional VS&T markets. It is available for purchase via the company's web site at [www.acaciarg.com](http://www.acaciarg.com). Journalists working on related stories may contact Christine Arrington ([christinea@acaciarg.com](mailto:christinea@acaciarg.com)) for additional material.

### About Acacia

Acacia Research Group provides timely and accurate business intelligence to decision makers across the high technology industry -- covering tools and middleware for interactive content creation, consumer entertainment and communications hardware, content distribution channels, and business models for content deployment.

Acacia's products and services include in-depth market studies, executive forums, periodicals, and custom consulting. The company is headquartered in Vancouver, WA. For more information please visit [www.acaciarg.com](http://www.acaciarg.com).

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