



# Information Technology

Central

Virginia

**CENTRAL VIRGINIA** offers a vibrant business environment with a highly qualified workforce in an ideal location with room for growth and expansion. As a nationally recognized emerging high technology hub located in proximity to Washington, D.C., Central Virginia provides dynamic opportunities for companies seeking advanced technology, research, and innovation.

## Demonstrated Record of Success

- **Equinix Culpeper Data Center** is one of the most secure and technologically sophisticated data centers on the eastern seaboard.
- The **Insurance Institute for Highway Safety** is a sophisticated vehicle safety research center conducting crash tests and scientific studies of insurance data to publish human and economic loss results by vehicle make and model.
- Named one of Inc. 5000's fastest growing private companies in America for six years and one of Fortune's Great Places to Work, **WillowTree** has launched over 500 mobile apps since it was founded in the region in 2007.
- **SHINE Systems** provides identity intelligence expertise supported counter insurgency efforts in Iraq and Afghanistan.
- Sperry Marine began operations in Central Virginia in 1956. Now a division of **Northrop Grumman**, Sperry Marine provides safe, efficient, and reliable navigation solutions for the commercial and defense maritime industry.
- **Apex Clean Energy** has created \$4 billion in clean energy opportunities with 4,816 MW of operating clean energy and is constructing an energy efficient mass timber headquarters in Central Virginia.
- To drive production improvement and provide easier access to information, **Emerson Electric** in Central Virginia continues to launch new software solution products for use in controlling machinery.
- **Vivid Cortex** database performance monitoring provides insights into query behavior and resource utilization to improve app efficiency and up-time.
- **Perrone Robotics** created TONY, the technological intelligence behind autonomous transit.



University of Virginia computer scientists and researchers Jack W. Davidson, Ph.D. and Jason D. Hiser, Ph.D.

## Advantages for Information Technology Companies in Central Virginia

- High regional patent activity is evidence of strong innovation in the region
- Generous incentives for technology companies; Virginia's first city-wide technology zone was established in Central Virginia.
- Robust, redundant fiber optics network; multiple telecommunications networks and electrical power providers including CenturyLink, Dominion Energy, Rappahannock Electric Cooperative, Central Virginia Electric Cooperative, and Ting.
- The University of Virginia, ranked #4 public university by U.S. News & World Report, has sponsored research awards totaling more than \$436 million annually.
- UVA Licensing & Ventures Group provides support for entrepreneurs and partners with start-ups and businesses to commercialize breakthroughs in technology.
- Two research parks support the University's academic and research activities, fostering relationships with commercial and industrial interests. North Fork, a 562-acre, fully master planned, mixed-use development, is located less than one mile from the Charlottesville-Albemarle Airport, and the Fontaine Research Park, a 54-acre, master planned development, is adjacent to the University's central grounds.



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## Notable Firms

- **CACI Enterprise Solutions**  
*systems integration*
- **Castle Hill Gaming**  
*video games technologies*
- **CoConstruct**  
*construction project management solutions*
- **Elder Research**  
*data science consulting*
- **Equinix Culpeper Data Centers**  
*hosting, infrastructure, security*
- **Firefly**  
*fiber provider*
- **Inova Solutions**  
*visual communications*
- **Emerson Electric**  
*telecommunication solutions*
- **Musictoday**  
*entertainment ecommerce*
- **OpenQ**  
*life-sciences software*
- **National Optronics**  
*lens processing equipment*
- **SHINE Systems**  
*intelligence analytics*
- **Silverchair Information Systems**  
*digital publishing products*
- **Spire Collective**  
*innovative product designer*
- **Ting**  
*fiber isp provider*
- **Virginia Electronic Components, Corporate Office**  
*electronics distributor*
- **VividCortex**  
*database management*
- **WillowTree**  
*mobile apps development*



University of Virginia Center for Applied Biomechanics

## Talented and Prepared Workforce

- University of Virginia offers 55 doctoral degrees in 53 fields to 16,000 undergraduate and almost 8,000 graduate students.
- UVA School of Engineering and Applied Science focuses on developing 2,911 undergraduate and 1,072 graduate “leaders of innovation” each year.
- Extensive technology-related education and training is available from the Germanna Community College’s state-of-the-art Daniel Technology Center and Piedmont Virginia Community College; both community colleges offer outstanding customized industry training.
- Over 39% of the regional workforce has at least a Bachelor’s Degree.

### Central Virginia Information Technology Quick Facts

Number of Firms	355
Number of Workers	2,835
Average Annual Wages	\$100,036

Make Central Virginia the location for your *Bold Venture!*



Helen Cauthen, President

Central Virginia Partnership for Economic Development

1001 Research Park Blvd, Suite 301 | Charlottesville, VA 22911

434.979.5610 | [hcauthen@centralvirginia.org](mailto:hcauthen@centralvirginia.org)

[centralvirginia.org](http://centralvirginia.org)

  Central Virginia Partnership for Economic Development

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