Information Technology

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 I**nsurance 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 tember 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 #3 public university by U.S. News & World Report, has sponsored research awards totaling more than $449 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.

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

- **National Optronics**
  lens processing equipment

- **Perrone Robotics**
  autnomous vehicle technology

- **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 70 doctoral degrees in 51 fields to 17,000 undergraduate and almost 8,700 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.

- More than 40% of the regional workforce has at least a Bachelor's Degree.

Central Virginia Information Technology Quick Facts

Number of Firms	1,002
Number of Workers	10,560
Average Annual Growth Rate	1.7%

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

Central Virginia PARTNERSHIP *for* ECONOMIC DEVELOPMENT

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