

TECHNOLOGY

LEADING THE WORLD

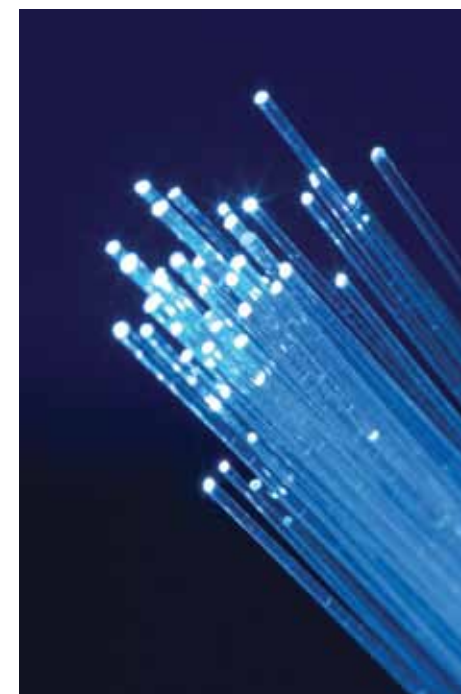


PHOTO PROVIDED BY EPB

The world is taking note of Chattanooga's substantial progress in technology and economic development. In 2011, Chattanooga was recognized as one of the world's "Seven Smartest Cities" by the Intelligent Community Forum (ICF), an economic development think tank that studies 21st century growth within the global community.

Chattanooga's drive for technological and economic development is evidenced by EPB, the city's municipal utility which has deployed America's first community-wide 100 percent fiber optic network. In 2011, EPB launched the Smart Grid – a system that modernizes the distribution of electricity through the use of a fiber-optic communications infrastructure including Smart meters on every home and 1,500 Smart switches. The fiber optic network also delivers up to 1 gigabit Internet connections – a speed 200 times faster than the nation's average.

As the first city in the U.S. to offer up to 1 gigabit-per-second Internet speeds, Chattanooga is setting the standard for the Internet of tomorrow. When Amazon.com and HomeServe USA announced plans to locate in the area, officials of both companies cited Chattanooga's data infrastructure.

Throughout the area, private and public groups are driving new technologies. Chattanooga's Enterprise Center currently serves as a coordinating agency for nine local, federally funded projects with a technology focus. The University of Tennessee at Chattanooga (UTC) is a member of Oak Ridge Associated Universities

(ORAU). UTC is also engaged in research on renewable energy and transit through its Center for Transportation, Energy and the Environment, which partners with the Chattanooga Area Regional Transportation Authority (CARTA), EPB and the Tennessee Valley Authority (TVA), among others.

The SimCenter: National Center for Computational Engineering at UTC has been recognized as America's leading center of computational engineering and is pioneering the use of computer simulation to solve real-world problems in defense, sustainable energy, environment and health. The Chattanooga Technology Council, a non-profit organization, promotes the growth of technology, innovation, entrepreneurship and education throughout the greater Chattanooga area. Local foundations, such as the Lyndhurst Foundation, and private investment groups, such as the Renaissance Fund, have supported the entrepreneurial development of leading-edge technology. Private enterprise, such as AirNet, has led initiatives to expand Wi-Fi access and other technologies in the area.

The Chattanooga Area Chamber of Commerce also plays a critical role in continuing technological and economic development. In addition to managing an accelerator space at UTC for companies working to develop software or new technology, it oversees the INCubator at the Hamilton County Business Development Center (BDC). As one of the largest business incubators in the nation, the program provides space and supportive services to more than 60 start-up companies that employ more than 300 people.

DID YOU KNOW?

Chattanooga has the fastest Internet in America. In fact, only two other cities in the world offer comparable technology.



SCAN FOR
SECTION

CENTER FOR ENERGY, TRANSPORTATION AND THE ENVIRONMENT AT THE UNIVERSITY OF TENNESSEE AT CHATTANOOGA

EMCS, Room 214 Department 2522
615 McCallie Avenue
Chattanooga, TN 37403
(423) 425-5454
www.utc.edu/Research/CETE/

Designed to develop and utilize new technologies that employ clean and safe sources of energy, the Center for Energy, Transportation and the Environment (CETE) is a program of applied research at UTC. The region's primary resource for engineering education, research and service, the CETE works in a partnership with EPB, the Chattanooga Area Regional Transportation Authority and TVA.

CENTER FOR ENTREPRENEURIAL GROWTH

100 Cherokee Boulevard
Chattanooga, TN 37405
(423) 752-4301
www.chattanoogachamber.com

Designed to aid high-tech companies begin operation and develop products and services rapidly, the Center for Entrepreneurial Growth assists in creating jobs, access to capital, beneficial programs and valuable expertise related to launching innovative technological concepts. In association with the Chattanooga

Area Chamber of Commerce, such activities help foster the development of the entrepreneurial community in the Chattanooga area.

CHATTANOOGA TECHNOLOGY COUNCIL

100 Cherokee Boulevard, Suite 103
Chattanooga, TN 37405
(423) 826-8700
www.chatc.org

Focused on cultivating local technological growth, the Chattanooga Technology Council is comprised of non-profit organizations, companies, educational entities and individuals. The non-profit organization seeks to promote technology, innovation, and entrepreneurship by helping to develop educational programs, providing a forum for businesses in the area to share ideas and initiatives, and helping to make the public aware of technological/innovative advancements in the Chattanooga area.

HAMILTON COUNTY BUSINESS DEVELOPMENT CENTER & INCUBATOR

100 Cherokee Boulevard
Chattanooga, TN 37405
(423) 752-4301
www.chcrpa.org

Ranked among the top business incubators in the nation, the INCubator in the BDC is focused on providing highly competitive lease

rates for offices and manufacturing space geared towards up-and-coming entrepreneurs. The INCubator also provides a network of professional business consultants along with free access to a business library and computer and video centers. By providing new business owners with a high-tech workspace, the INCubator helps to ensure the future of the local entrepreneurial environment.

THE ENTERPRISE CENTER

1250 Market Street, Suite 3020
Chattanooga, TN 37402
(423) 425-3770
www.theenterprisctr.org

A leader in technology-based initiatives, The Enterprise Center connects local entrepreneurs, businesses and industry to National Laboratories, research universities and local research-oriented programs. By facilitating the commercialization of research projects, the Center creates jobs for the Chattanooga community. It also leads a wide range of technology-related projects in healthcare research and diagnosis; communications, using the city's wireless mesh network and ultra-high speed internet capacity; advanced manufacturing; and high-speed rail.

SIMCENTER: NATIONAL CENTER FOR COMPUTATIONAL ENGINEERING

701 East Martin Luther King Boulevard
Chattanooga, TN 37403
(423) 425-5497
www.utc.edu/Research/SimCenter

Established in 2002, the National SimCenter focuses on the technological fields of computational modeling and simulation. Now a national center, the SimCenter helps to solve problems in the fields of hydrodynamics, aerodynamics, propulsion, heat transfer, electromagnetics and computational design optimization. Chattanooga's leadership supports the National SimCenter as the focal point for a new University-based technology community, employing external partnerships to strengthen high-technology in Chattanooga for ongoing economic development initiatives.



PHOTO BY MED DEMENT

Making Chattanooga a collaborative environment for entrepreneurs



technology
innovation
entrepreneurship*

* The "CHAtype" typeface was created by a team of designers, developers and entrepreneurs during The Company Lab's 48Hour Launch startup weekend in Chattanooga. Designed to reflect the ingenious and innovative character of the city, the CHAtype project is a shining example of what can be done when creative minds of all disciplines collaborate.



THE ENTERPRISE CENTER
at the Heart of Our Innovation Economy

Leading Chattanooga's
high tech economic
development

www.TheEnterpriseCtr.org



chattanooga
technology
council

An alliance of
corporations,
professional firms,
academic institutions
and individuals.

Cultivating talent and
fostering innovation
in the region's
knowledge economy

www.ChattanoogaTechnologyCouncil.org