SIEMENS

Siemens in Atlanta

Key Data

Approximately 2, 200 Siemens employees in the Atlanta metropolitan area supporting a variety of Siemens businesses including Energy Management, Digital Factory, Process Industry & Drives, Healthcare, Building Technologies and Power & Gas.
Please note that employment figures are based on where employees work, not where they live.

Siemens Veterans Initiatives in the Region

- Approximately 200 veterans work at Siemens in the state of Georgia
- Over 70% of veterans work in the Alpharetta region

Key Siemens Locations in Metro Atlanta

Healthcare Imaging & Therapy Solutions; Siemens Corporation
4800 North Point Parkway; Suite 400, Alpharetta, GA 30022
With more than 400 employees, this facility is home to Healthcare and multiple corporate functions.

Digital Factory & Digital Factory Sales
5300 Triangle Parkway, Norcross, GA 30092
With more than 150 employees at this facility, the Digital Factory (DF) Division offers a comprehensive portfolio of seamlessly integrated hardware, software and technology-based services in order to support manufacturing companies worldwide in enhancing the flexibility and efficiency of their manufacturing processes and reducing the time to market of their products. Siemens DF also provides a large and unique portfolio of PLM software tools, industrial automation solutions and drive technologies tailored to meet individual customer requirements in various discrete industrial areas. Locations are also home to a sales team that supports Siemens DF portfolio.

Power and Gas
1345 Ridgeland Parkway, Alpharetta, GA 30004
The Power and Gas Atlanta metro site has approximately 200 employees and offers utilities, independent power producers, engineering, procurement, construction companies and industrial customers a broad spectrum of products and solutions for efficient energy production and the reliable transport of oil and gas.

Process Industries and Drives - ("Georgia 400" location)
100 Technology Drive, Alpharetta, GA 30005
With over 450 employees at this facility, Siemens GA400 manufacturing facility develops and manufactures drive components that support major American industries, including rail, mining, and transportation.

Building Technologies (BT)
1745 Corporate Drive, Suite 240, Norcross, GA 30093
With more than 150 employees, Siemens Building Technologies is active in the field of building automation systems, fire safety and building security. Siemens BT offers a complete technical infrastructure portfolio for building automation, energy efficiency, fire safety, security, for buildings and public places that help to increase the efficiency of a building's performance and achieve low operating costs allowing customers to optimize the energy costs and reliability of their buildings.

Energy Management U.S. Headquarters; Process & Drives U.S. Headquarters; Siemens Corporation
3333 Old Milton Parkway, Alpharetta, GA 30005
With almost 300 employees, this facility serves as headquarters for Siemens U.S. Energy Management Division. Energy Management develops innovative solutions which enable energy systems to adapt to modern challenges. This includes a growing range, such as the efficient transmission of bulk volumes of green power over long distances, enabling dedicated power exchange between power grids, connecting

micro grids with the main grids. This location also serves as headquarters for Siemens U.S. Process & Drives Division. In addition, this facility also serves as a central location for general support functions across Siemens.

Energy Management, Low Voltage & Products Business Unit
5400 Triangle Parkway, Norcross, GA 30092
With more than 250 employees at this facility, Siemens Energy Management develops innovative solutions which enable energy systems to adapt to modern challenges. This includes a growing range, such as the efficient transmission of bulk volumes of green power over long distances, enabling dedicated power exchange between power grids, connecting micro grids with the main grids. This facility also houses engineering and product development for many advanced low voltage technologies across the Energy Management portfolio.

Notable Siemens' Customers in Metro Atlanta

- **Atlanta Streetcar Project:** Siemens was awarded the contract by the Metropolitan Atlanta Rapid Transit Authority (MARTA), on behalf of the City of Atlanta and the Atlanta Downtown Improvement District, to provide Atlanta with four new streetcars. The route in Downtown Atlanta began service in December 2014. These are the first streetcars in Atlanta since 1949.
- **Georgia Department of Transportation:** Siemens provides traffic signal control software and hardware for over 4,000 intersections statewide. Additionally, the Siemens Ramp Metering solution installed at 130 interstate ramps has resulted in a 20-30% reduction in rush hour congestion in Metro Atlanta.
- **Hartsfield-Jackson Atlanta International Airport:** Siemens has installed a computerized distributed control and monitoring airfield lighting system. Our switchgear and distribution products have been the basis of the airport's electrical infrastructure since 1980.
- **Georgia Aquarium:** Siemens supplies the world's largest aquarium with specialized high-purity water treatment equipment and power distribution infrastructure.
- **College Football Hall of Fame:** Siemens provides the fire alarm system and yearly testing and inspections for one of the city's newest entertainment venues.
- **Emory University:** A long-term partnership with the University as provider of building automation, water and energy management solutions, Siemens assists Emory in meeting its aggressive energy reduction goals by implementing a self-funding energy program in over one-million square feet on their campus. Emory Crawford Long was the first hospital in the world to examine patients with Siemens Advanced Molecular Imaging Technology.
- **Southern Company** selected Siemens Energy's Spectrum Power™ 3 energy management system to monitor, control, and optimize the reliability of its transmission system consisting of more than 27,000 miles of transmission lines, 3,400 substations, and 300,000 acres of right of way.
- **Georgia Power**, a subsidiary of Southern Company, also selected Siemens Energy's medium voltage gas insulated switchgear as part of its urban substation modernization project.
- **Shaw Industries:** Siemens and Shaw have developed a process for converting carpet and wood manufacturing waste into energy, resulting in lower plant emissions, a reduction in the amount of post-manufacturing carpet waste in landfills, and an annual savings of up to $2.5 million for Shaw's plant in Dalton, Georgia.

Notable Product Life Management (PLM) Customers in Georgia
Siemens has more than 50 PLM customers in the state of Georgia including **Yamaha, Gulfstream, and Lockheed Martin**.

Siemens and Georgia Tech
Siemens expanded its partnership with Georgia Institute of Technology (Georgia Tech), building upon a nearly two-decade relationship pursuing manufacturing innovation through software, conducting frontier-pushing research that supports digital product development, and preparing students to enter the science, technology, engineering and mathematics (STEM) workforce of the future. The partnership will continue to push the boundaries of advanced manufacturing design, automation and innovation.

SIEMENS

- Siemens technology is currently being used in Georgia Tech's Aerospace Systems Design Laboratory. Georgia Tech students are using Siemens PLM software to create a virtual prototype of a modern gas turbine. This virtual prototype will help engineers to cost-effectively design the next generation of high efficiency gas turbines while minimizing carbon emissions.

- Georgia Tech researchers and Siemens are teaming up to enhance PLM Software's Jack™ software in the Tecnomatix® portfolio. Jack, a human simulation software, provides realistic digital human avatars to simulate manual workplace processes for evaluation of efficiency, ergonomics and safety. The project aims to significantly increase productivity for Jack users by enhancing the ability to predict interactions of virtual humans with simulated digital factory environments. The project will use algorithmic shape processing and action optimization to further simplify simulation creation, and enable human centered workplace design on a broader scale than previously possible.

- Over the past three years, Georgia Tech has partnered on more than 20 projects from manufacturing to healthcare to energy, including joint government-funded collaborations. Among the first in the expanded partnership is a project to address gaps in existing additive manufacturing design-to-print workflow. The project – performed in collaboration with Siemens Corporate Technology (CT), Siemens PLM Software, and Siemens Power and Gas – falls under the America Makes initiative, a federally-funded program from the National Additive Manufacturing Innovation Institute (NAMII). The $1 million government grant is bolstered by an additional $400,000 in-kind grant of PLM software licenses.

- Since 1996, through its GO PLM academic partner program, Siemens has provided the university access to PLM software for its engineering curriculum with an in-kind, commercial present value of over $200 million.

- Through Siemens' Digital Factory and Process and Drives divisions - both headquartered in the Atlanta metro region - Siemens Cooperates with Education (SCE) partners with George W. Woodruff School of Mechanical Engineering to provide automation technology that supports its core Mechatronics, Manufacturing and Automation curriculum. In addition, a unique curriculum was developed by professors and graduate students using Siemens' Totally-Integrated-Automation (TIA) Portal software and conveyor systems to offer students hands-on experience on industrial automation technologies.

- Through the SCE partnership, Georgia Tech has also implemented Siemens programmable logic computers (PLC) with Siemens SIMOTION components into a research laboratory to simulate real life challenges for many factories and warehouses. For example, the Georgia Tech "Cherry Picker" crane – a well-known and emulated project – uses SIMOTION technology to address the common industry issue of anti-sway control in boom cranes.

- Siemens recruits approximately 30 students from Georgia Tech per year, primarily via 15 different technical training programs that lead to direct hire upon completion.

Siemens in Aerospace

Leading aerospace companies and organizations - such as United Launch Alliance (ULA), NASA's Jet Propulsion Laboratory, Sierra Nevada Corporation, Orbital ATK and Space X - have turned to Siemens Product Lifecycle Management (PLM) Software to overcome new challenges, increase efficiency, reduce costs, and help ensure mission success. Engineers, designers, production teams, suppliers and mission specialists us PLM's comprehensive suite of software modules to manage the development of spacecraft and satellites from concept through final manufacturing, assembly planning and testing.

Siemens PLM Software, a business unit of the Siemens Digital Factory Division, is a leading global provider of product lifecycle management (PLM) and manufacturing operations management (MOM) software, systems and services with over nine million licensed seats and more than 77,000 customers worldwide. Headquartered in Plano, Texas, Siemens PLM Software works collaboratively with its customers to provide industry software solutions that help companies everywhere achieve a sustainable competitive advantage by making real the innovations that matter.

- **GO PLM** – Siemens' software and other technologies are used in nearly every manufacturing environment in the world to improve productivity and efficiency, so students trained on these systems are able to operate in virtually any manufacturing facility. Through the Global Opportunities in PLM (GO PLM) Academic Partnership program, Siemens' provides in-kind grants of our engineering and product management software each year to more than one million students at 12,000 global institutions, a third of which are in the U.S.

"Shaping the Future – with Passion for Research, Technology and Innovation" – this is the mission of **Siemens Corporate Technology (CT)**. Under the leadership of the Chief Technology Officer and in cooperation with the operative units, CT develops the company's technology and innovation strategy, promotes business excellence through consulting and development services, and protects Siemens' intellectual property. As a strategic partner to the company's businesses, CT's central research and development unit plays a key role in advancing Siemens' digitalization strategy. CT supports the company along the entire value chain, from research and development to production technology and manufacturing to the testing of products and solutions.

- **Siemens Center of Knowledge Interchange** (CKI) is a global group of 9 elite research universities, including the University of California, Berkeley and Georgia Institute of Technology, in the U.S. These universities have a history of working with Siemens and are primary partners across Siemens businesses such as energy and healthcare, in addition to a focus on R&D and talent acquisition.

  Siemens has a need for technology; it's an important part of what the company does. From an R&D perspective, technology is evolving very quickly. Siemens can leverage work the university has already done that might be further advanced in the field, and take advantage of resources such as laboratories and other equipment. From a talent acquisition perspective, Siemens needs to hire people in the areas that are relevant to the company from engineering to hi-tech innovation and manufacturing. Through collaborate partnerships like this; Siemens can establish a pipeline of talent into the company.

Siemens Foundation

The Siemens Foundation has been a long-time collaborator with Georgia Institute of Technology's Center for Education Integrating Science, Mathematics and Computing (CEISMC) since 1999. The partnership is based on the common goals of identifying and nurturing tomorrow's leaders in science, technology, engineering and mathematics (STEM), and introducing them to scientific research. Notably, GA Tech's CEISMC is the host of the prestigious Siemens Competition in Math, Science and Technology for the region which includes Florida, Georgia, Kentucky, North Carolina, Tennessee and Puerto Rico.
In addition to promoting scientific excellence and innovation, the Siemens Foundation is supporting CEISMC in their work to improve K-12 science and math education for under-served students in these disciplines, including efforts to provide high-level summer research experiences to students and teachers from low income and minority high schools. The initiative is now known as the Research, Experiment, Analyze and Learn (R.E.A.L.) High School Student Researchers Program. The Siemens Foundation is also providing support to GA Tech's Georgia Intern Fellowships for Teachers (GIFT). This program provides paid summer STEM internships in industry workplaces and university laboratories for K-12 science, mathematics, and technology teachers. Teachers spend 4 to 7 weeks experiencing firsthand how industrial scientists and researchers approach problems, design experiments, interpret data, communicate findings, and develop and implement workplace solutions. GIFT offers teachers real world applications of the subjects they teach, allowing them to increase content knowledge and gain practical examples of science, technology, engineering, and mathematics applications for enriched instruction and teaching practices based on evidence-based experiences.

# # #