



Siemens Historic Norwood Motors Manufacturing Facility

Siemens Industry, Drive Technologies/Large Drives

4620 Forest Avenue, Norwood, OH 45212

Siemens Norwood Manufacturing facility employs approximately 500 people. The facility, built in 1898, was the first manufacturing facility in Norwood, Ohio and is one of Siemens' oldest manufacturing facilities in the world. It consists of 522,000 square-feet, with 433,000 square-feet of manufacturing space, 61,000 square-feet of office space and 28,000 square feet of warehouse space.

- Norwood manufactures large AC AboveNEMA motors, traction motors and motor parts used in industries such as rail systems, oil and gas, chemical, pulp and paper, mining and power generation.
- The facility underwent a \$35 million renovation in 2007 which included an \$8.5 million investment in equipment for research and development transforming it into a "Global Motor Research and Technology Development Center."
- Norwood is currently undergoing a \$14 million investment in new equipment and machinery. The plant is upgrading the equipment to meet customers' requirements for larger motors. Expected completion for all upgrades will be in 2015.
- Siemens was awarded contracts from TransCanada to produce a total of 180 motors for the Keystone XL project. The motors are for pump stations along the pipeline.
- As part of Amtrak's equipment modernization effort, the facility is building traction motors for 70 next-era, electric locomotives destined for one of the busiest passenger rail segments in the world – the Northeast region of the U.S. The new, energy-efficient locomotives will feature regenerative braking, which allows energy to be fed into the power system for use by other trains.
- Siemens Norwood facility uses Siemens Product Lifecycle Management (PLM) NX design software to design motors. This software streamlines and accelerates the product development process for engineers who need to deliver innovative products in a collaborative environment. The Amtrak motors were designed by utilization of this software.
- Siemens PLM software is utilized to program the mill machine in this area. This software helps reduce programming machine time and maximize resources for part manufacturing.
- The Norwood plant currently exports approximately 15% of the motors produced.

Representative Industries and Customers:

- **Rail Systems:** AMTRAK
- **Oil and Gas:** Chevron, Dresser-Rand, TransCanada
- **Chemical:** Dow
- **Pulp and Paper:** International Paper
- **Mining:** Caterpillar
- **Power Generation:** Duke Energy

Key Local Executives

Mark Cooksey, General Manager, Large Drives Industrial Applications

Keith Lang, Head of Manufacturing, Large Drives Industrial Applications

About Siemens Industry, Inc., Drive Technologies Division

A division of Siemens Industry Sector in the United States, the Drive Technologies (DT) division is headquartered in Alpharetta, Ga. With products and applications that cover the entire drive train, DT has a diverse portfolio of products that provide customers with energy efficiency, productivity and reliability solutions for industries as diverse as transportation, oil and gas, utilities, metals and mining, machinery manufacturing and machine tools.

Siemens Product Lifecycle Management (PLM) Software

Siemens' product lifecycle management (PLM) software solutions are used by more than 70,000 companies in over 80 countries, to efficiently and effectively produce some of the world's most innovative and sophisticated products. From digital product design to virtual testing to manufacturing simulation and control, Siemens PLM software is used to optimize every phase of a product's lifecycle, from conceptualization to retirement. The world's leading companies in automotive, aerospace, consumer products, medical devices, shipbuilding, apparel and machinery, rely on Siemens integrated family of PLM offerings to enhance quality, increase efficiency and reduce product costs. By digitizing, analyzing and managing every aspect of data associated with bringing a product to market, Siemens PLM Software helps fuel the future of manufacturing by enabling companies to make smarter decisions that result in better products.

Siemens Industry, Siemens PLM Software/Training

2000 Eastman Drive, Milford, OH 45150

With approximately 650 employees, this facility is responsible for product development, sales and service, marketing, HR, IT, legal, finance and strategy.

Siemens in the Region and Across the State

Key Data

Nearly 1,500 Siemens employees in the Cincinnati-metro area.

- Just under 60 in Healthcare
- 1,320 in Industry
- Approximately 100 in Infrastructure & Cities
- Less than a dozen in Energy, Corporate & Affiliates

More than 1,900 Siemens employees in the state of Ohio.

- Nearly 70 in Healthcare
- Nearly 1,600 in Industry
- More than 260 in Infrastructure & Cities
- More than 40 in Energy, Corporate & Affiliates

Please note that employment figures are based on where employees work, not where they live.

Siemens Sectors and Divisions by City

Cincinnati, Garfield Heights and Worthington

Siemens Infrastructure & Cities, Building Technologies

1310 Kemper Meadow Drive, Suite 500, Cincinnati, OH 45240

5350 Transportation Boulevard, Garfield Heights, OH 44125

530 Lakeview Plaza Boulevard, Worthington, OH 43085

With 100 employees in the Cincinnati location, more than 80 in Garfield Heights, and more than 60 at the Worthington location, Siemens offers a complete technical infrastructure portfolio for building automation, energy efficiency, fire safety, security, for buildings and public places. These tools 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. Siemens focuses on industry-specific solutions for data centers, hospitals, life science companies, airports, hotels and utility companies.

Blue Ash**Siemens Industry, Customer Services**

10270 Alliance Road, Blue Ash, OH 45242

This facility has approximately one dozen employees. Siemens' product-related services such as commissioning, technical support, online support, retrofitting and repair services, as well as spare parts management and training courses, help to safeguard investments over the long term. With technical consulting, engineering support, and services for all aspects of energy and the environment, Siemens' service offerings for the lifecycle phases of planning and engineering & construction ensure optimal plant operation right from the start.

Milan**Siemens Industry, Metals Technologies**

21 North Main Street, Milan, OH 44846

With approximately just under 30 employees, this facility is responsible for manufacturing and reconditioning of material-handling equipment (below-the-hook lifting devices) for the steel industry. This location is also the first facility in the United States to manufacture and service components and equipment for electric arc furnaces – which melt scrap steel to make new steel.

New London**Siemens Industry, Metals Technologies**

55, 81 East Washburn Street, New London, OH 44851

With nearly 60 employees, this facility performs maintenance of continuous caster components, as well as machining, fabrication and assembly services. Continuous casting is the process by which liquid steel is formed into a more usable shape by other downstream manufacturers.

Mentor**Siemens Industry, Customer Services**

7255 Industrial Park Blvd, Mentor, OH 45150

This facility has approximately 12 employees. Siemens' product-related services such as commissioning, technical support, online support, retrofitting and repair services, as well as spare parts management and training courses, help to safeguard investments over the long term. With technical consulting, engineering support, and services for all aspects of energy and the environment, Siemens' service offerings for the lifecycle phases of planning and engineering & construction ensure optimal plant operation right from the start.

Lebanon**Siemens Industry, Drive Technologies & Customer Services**

4170 Columbia Road, Lebanon, OH 45036

This facility has approximately 60 employees. Siemens Drive Technologies is the world's leader in products, end-to-end systems, applications and services for the entire drive-train. Siemens' product-related services such as commissioning, technical support, online support, retrofitting and repair services, as well as spare parts management and training courses, help to safeguard investments over the long term. With technical consulting, engineering support, and services for all aspects of energy and the environment, Siemens' service offerings for the lifecycle phases of planning and engineering & construction ensure optimal plant operation right from the start.

Cortland and Warren**Siemens Industry, Metals Technologies**

3570 Old Route 5, Cortland, OH 44410

3605, 3650 Warren Meadville Road, Cortland, OH 44410

640 Bronze Road, Warren, OH 44483

250 Dietz Road, Warren, OH 44483

This facility, which was part of the Service Guide, Inc. acquisition in June 2013, manufactures and repairs a wide variety of parts for steel industry flat rolling mills, including chocks, spindles, couplings, roll force cylinders, bearings, mill rolls, copper rolls, guides and liners.

<http://www.siemens.com/press/en/pressrelease/2013/industry/metals-technologies/imt201307326.htm>

Siemens Veterans Initiatives in the City/Region

- More than 40 veterans work at Siemens in the region. 60 veterans work at Siemens in the state.
- In the Cincinnati region, these veterans work across 3 of Siemens' Sectors, including Healthcare, Industry, and Infrastructure & Cities.
- In the state of Ohio, these veterans work across all 4 of Siemens' Sectors, including Energy, Healthcare, Industry, and Infrastructure & Cities.
- Over 35% of the veterans in the area work in the Manufacturing roles and over 25% work in Customer Service roles
- Almost 30 veterans have been hired in the state of Ohio since the inception of Siemens' partnership with the White House's *Joining Forces* campaign.

About Siemens USA

Siemens Corporation is a U.S. subsidiary of Siemens AG, a global powerhouse in electronics and electrical engineering, operating in the industry, energy, healthcare, and infrastructure & cities sectors. For more than 165 years, Siemens has built a reputation for leading-edge innovation and the quality of its products, services and solutions.

With 362,000 employees in 190 countries, Siemens reported worldwide revenue of approximately \$100 billion in fiscal 2013. Siemens in the USA reported revenue of \$19.2 billion and employs approximately 52,000 people throughout all 50 states and Puerto Rico. For more information on Siemens in the United States, visit www.usa.siemens.com.

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