



DEFENSE & AEROSPACE

ALBANY/NEW YORK'S CAPITAL REGION

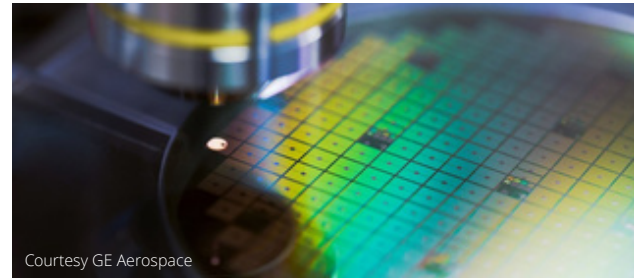
Albany/New York's Capital Region has a rich history of supporting the nation's defense supply chain. The **Watervliet Arsenal** is the nation's oldest continuously operating military arsenal; and the Continental Army's first inland fighting fleet was built in Whitehall. That tradition continues today, with area manufacturers making advanced microelectronics, ruggedized electronics, and other parts and components for military vehicles, vessels, and aircraft.

Many next-generation weapons systems have roots in the region's vast R&D ecosystem. **Knolls Atomic Power Laboratory (KAPL)** was the lead design facility for nuclear reactors for the Columbia- and Virginia-class submarines. **Benet Laboratories** is the Army's leading R&D facility for large caliber cannons. **GE Aerospace** provides military aircraft-related R&D on advanced propulsion/power systems, advanced materials, autonomous systems, and cybersecurity. **AIM Photonics** leads the effort of accelerating the transition of integrated photonics circuits into U.S. weapons systems and national security applications. And, the **Northeast Regional Defense Technology Hub (NORDTECH)** is a regionally based hub and a national resource for DoW's Microelectronics Commons.



REGIONAL GROWTH

- 1.1M Population
- \$1B+ In defense spending at military installations and defense contractors
- 4th Most DoW SBIR/STTR awards in NYS (\$37.2M FY2019-FY2023)
- 2nd most DARPA awards in NYS (\$29.6M FY2021-FY2025)



Courtesy GE Aerospace

9,500+ JOBS

AT MILITARY FACILITIES AND DEFENSE CONTRACTORS

- 1,637 National Security jobs - 2nd most in NY (2024)
- 1,570 National Guardsmen - 4th most in NYS (2024)
- 12th Most tech R&D jobs in the U.S.
- 14th Most semiconductor & related device manufacturing jobs in the U.S.

TALENT PIPELINE

Nation's 1st semiconductor apprenticeship program

NY's 1st Nanotechnology Engineering Technician apprenticeship program

Army's oldest, continuously running apprenticeship program at **Watervliet Arsenal**

Premier training facility for U.S. Navy nuclear operators at the **Kesselring Site**



Courtesy Watervliet Arsenal

INDUSTRY ASSETS



Courtesy General Dynamics, Boeing, GlobalFoundries

DEFENSE MICROELECTRONICS



SUPPLY CHAIN

NAVY: **N** | AIRFORCE: **AF** | ARMY: **A**

Accumetrics - **N**
Ames Goldsmith - **N, A**
Arcadia Manufacturing Group - **N, A**
Barton - **N, A**
Blanchard Industrial Supplies - **A**
Burnham Polymeric - **N**
Cosmo Optics/Ion Optics - **AF, NASA**
Craftech Industries - **N**
DK Machine - **N**
Ducommun Aerostructures New York - **AF, A**
Espy Mfg & Electronics - **N, A**
Greno Industries - **N**
Gurley Precision Instruments - **AF**
MTI Instruments (Valcro) - **N, AF**
P1 Industries - **N**
Parker Machine Company - **A**
Plug Power - **NASA**
Raloid Tool Company - **A**
Ross Precision Manufacturing - **N**
Starfire Systems - **AF**
Stonewall Defense - **AF**
Strecks - **A**
Super Power - **NASA**
Wright Electric - **AF**
VPS Control Systems - **A**
XOS - **AF**

MILITARY FACILITIES

- Benet Laboratories
- Knolls Atomic Power Laboratory
- Naval Nuclear Power Training Unit
- New York National Guard Headquarters
- Stratton Air National Guard Base
- Watervliet Arsenal



Courtesy of NY Creates



The Center for Economic Growth (CEG) leads business attraction and expansion activities for Albany/NY's Capital Region. Our team can provide assistance with site selection, incentive coordination, market research, access to workforce, supply chain connections, and more. **Contact James Schlett, Director of Research and Communications at james@ceg.org.**

