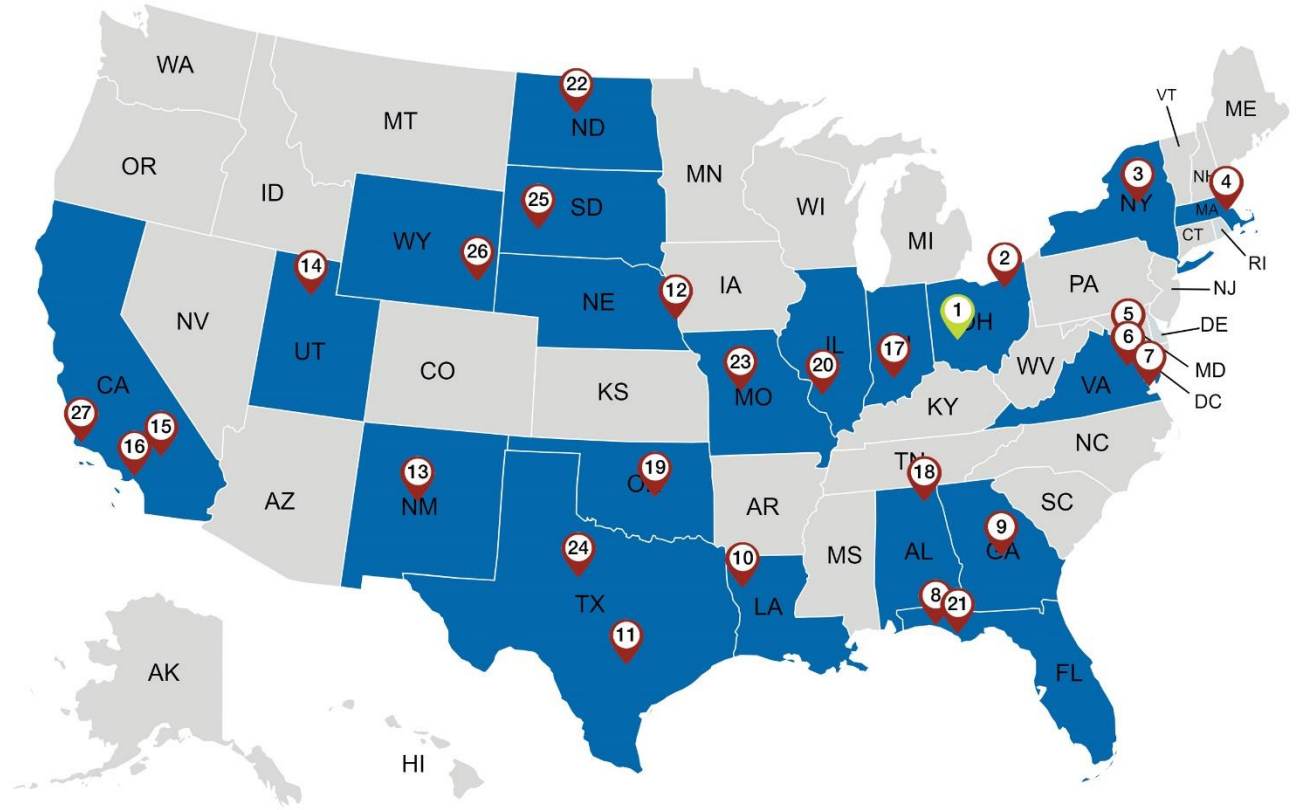

peerless
INNOVATION
CENTER

Peerless at a Glance

- Award-winning business with more than two decades of experience
- Almost 500 employees; most hold NAC, Secret, TS or higher clearances
- Top Secret Facility Clearances
- SCIF-ready space, multiple meeting rooms

- ISO 9001:2015 Certified
- ISO 14001:2015 Certified
- CMMI Level 3 Appraised (Dev)
- Lean corporate infrastructure ensures value-added pricing
- Broad Defense and Civilian clientele

Nationwide Operations



1. Peerless Headquarters and Wright Patterson AFB / Fairborn, OH
2. NASA Glenn Research Center / Cleveland, OH
3. Rome Labs / Griffiss AFB, NY
4. Hanscom AFB, MA
5. Bolling AFB, DC
6. Crystal City, VA
7. Langley AFB, VA
8. Eglin AFB, FL
9. Robins AFB, GA
10. Barksdale AFB, LA
11. Lackland AFB, TX
12. Offutt AFB, NE
13. Kirtland AFB, NM
14. Hill AFB, UT
15. NASA Armstrong Flight Research Center, CA
16. Los Angeles, CA
17. Crane, IN
18. Huntsville, AL
19. Tinker AFB, OK
20. Scott AFB, IL
21. Tyndall AFB, FL
22. Minot AFB, ND
23. Whiteman AFB, MO
24. Dyess AFB, TX
25. Ellsworth AFB, SD
26. Camp Guernsey, WY
27. Vandenburg SFB, CA

Corporate Headquarters | Fairborn, OH

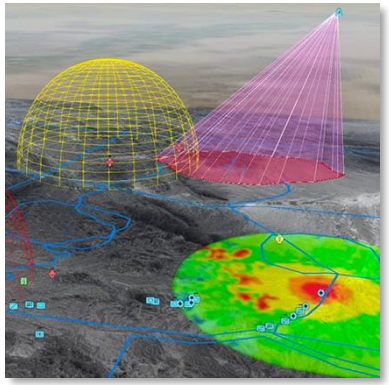
- Directly across from WPAFB Gate 19B
- 17,250 sq. ft. of space adjacent to Wright-Patterson Air Force Base.
- Six conference rooms available to clients; largest is 1,000+ sq. ft. Scalable, flexible, multifunctional office space.
- Private and semi-private offices, collaborative suites, team areas (cubicle environment).
- State-of-the-art security system with card readers, motion sensors and external cameras.
- 1,500-square-foot SCIF-ready space built to Intelligence Community Directive 705 standards.

PIC Charter & Instantiation

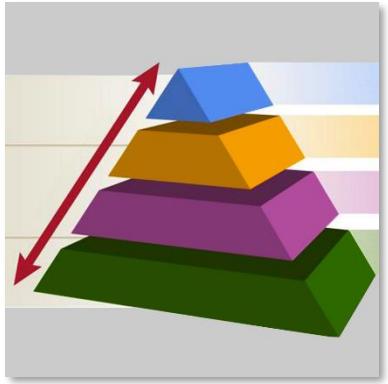
- The Peerless Innovation Center (PIC) serves as the company's S&T center of excellence
  - Leveraging 20+ years of customer-first engineering services, the PIC aims to advance high-end R&D technologies and generate differentiating capabilities for Peerless and their customers through research, development, and execution of cutting-edge technology programs.
  - The PIC primarily performs externally-funded contract research and development (CRAD) work for customers in the Defense, Energy and Space S&T organizations.

- Corporate technology investments in technical lead SMEs
  - Chief Growth Officer
  - VP for the Technology & Solutions (T&S) Group and Director of the PIC
  - Chief Solution Architect w/ expertise in DigSE, Open Architectures, and Multi-Spectral (EW, EO/IR) R&D
  - Corporate commitment to invest strategically more
    - Dig Eng environment/tools, DevSecOps, MS&A, IR&D, Training, etc

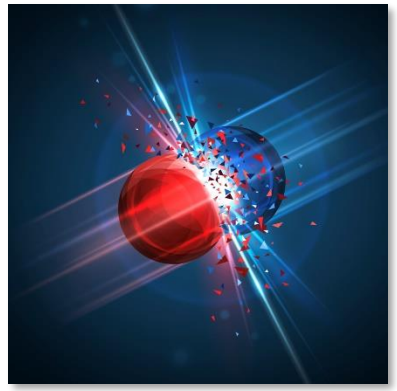
Core Competencies



Multi-spectral Sensor Engineering Capability

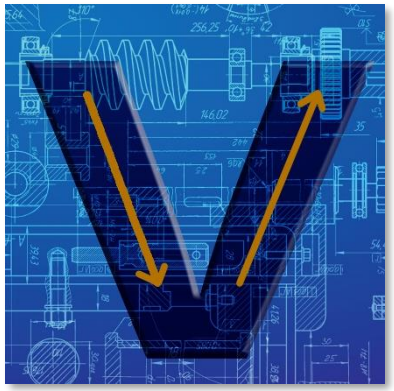


Modeling & Simulation

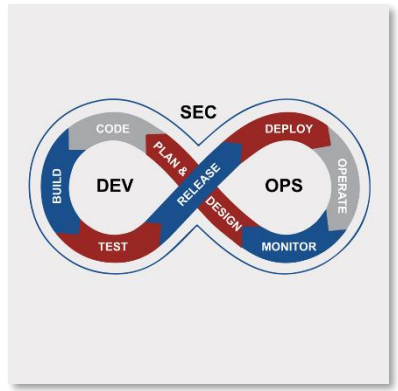


Nuclear Sustainment & Effects

Airworthiness



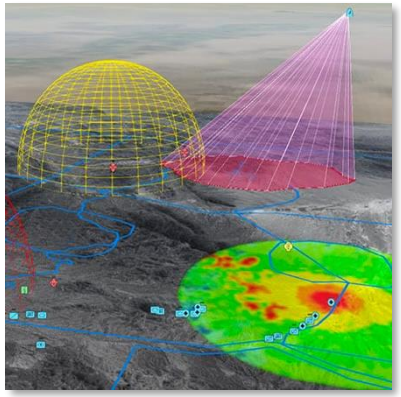
Digital System Engineering & Transformation

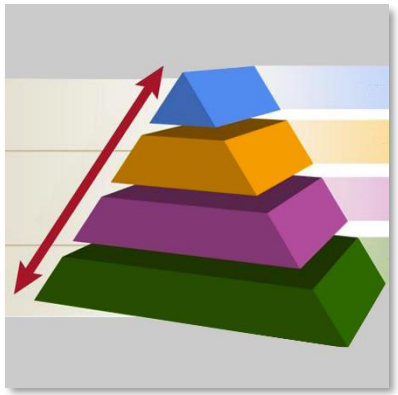


Software Engineering / DevSecOps

Core Competencies

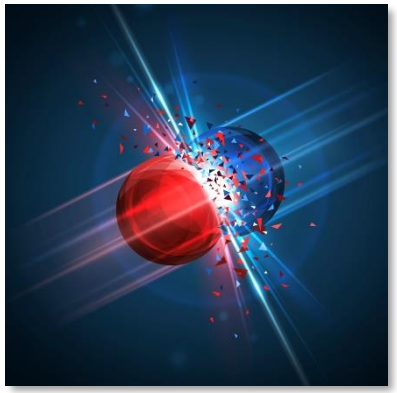
- **Multi-spectral Sensor Engineering Capability (MSEC)**
  - Electronic Warfare
    - Engineering, test, and evaluation on Electronic Warfare threats, assessing impacts
    - Conducting T&E activities to develop and refine EW TTP and Concept of Operations (CONOPS)
    - Maintain ground-based and low altitude EW/RF systems in the Field both in the CONUS and OCONUS
  - Various Pod Platform integration/modernization (F22/F35)
  - EO/IR
    - Experience in Multi-spectral Targeting System (MTS) family of Sensors including AAS-44, AAS-52, DAS-1, DAS-2, EP-3E
    - Experience with Laser-Rangefinder Designators (LRD's), Laser Target Markers (LTM's), Laser Spot Trackers (LST's), and various EO/IR sensors
- **Modeling & Simulation (MS&A)**
  - Engineering/Physics models
  - Mission-Level MS&A (AFSIM, EADSIM, other)





Core Competencies

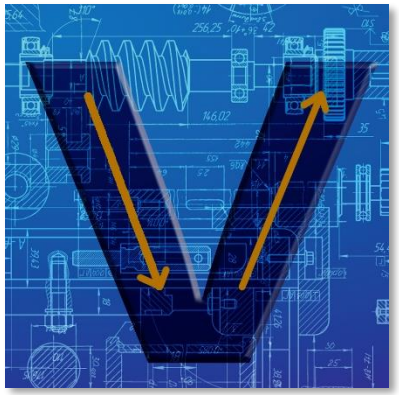
- **Nuclear Engineering**
  - Modeling & Simulation of nuclear effects such as thermal, radiation, other
  - Support T&E of aircraft to determine hardness and survivability to nuclear effects
  - Modernizing the U.S. stockpile of B61 and B83 thermonuclear gravity bombs to add guidance capability and extended weapon systems life
  - Systems engineering technical support, aircraft integration, test and evaluation, logistics, risk management and integrated scheduling via Life Extension Program (LEP)



- **Airworthiness**
  - Independent airworthiness assessment
    - Reviews of Certification Basis – MIL-HDBK-516C / FAA 14 CFR
    - Tailored Airworthiness Certification Criteria
    - Compliance Report
    - Airworthy and Safe-to-Fly evaluations
  - Provide experimental structures research and development
    - Thermal
    - Mechanical
    - Acoustic and Vibrations Conditions

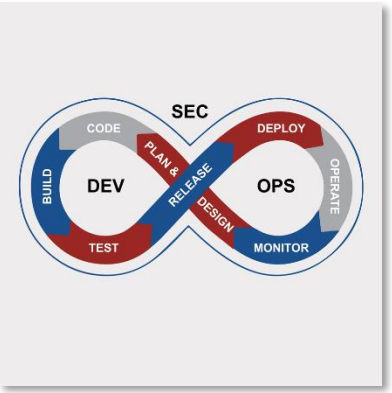
Core Competencies

- **System Engineering**
  - Open Architectures
    - OMS/SOSA/GARA
    - CMOSS/VICTORY
    - Big Iron
    - GRA/others
  - **Digital Transformation (Digital Modernization)**
    - Software Modernization
    - Reverse Engineering code to SysML and back to well structured modern language
    - Digital SE (MBSE) processes, tools, and Digital Thread
    - Use MBSE to auto-generate flight test plans for NASA autonomy testing



Core Competencies

- **Software Engineering / DevSecOps**
  - Integrated environment for analysis and simulation.
  - Micro-service in a Service Oriented Architecture (SOA)
  - Agile CI/CD
  - Collaborative workspace dev environment
  - Production Env Mirror
  - C, C++, Java, FORTRAN, COBOL, JavaScript, Python, LabVIEW, Data Access Language, Structured Query Language (SQL), Visual Basic, and VBScript
  - MATLAB, LabVIEW, Oracle's Virtual Box, Abaqus; and operating systems: Linux/Unix, Macintosh, Microsoft, and RHEL clone
  - Automated regression tests, automated acceptance testing, and human-in-the-loop testing



Who we serve

- **Air Force Life Cycle Management Center (AFLCMC)**
  - F-22 Program Office (AFLCMC/WA)
  - Air Force Distributed Common Ground System (AF-DCGS)
- **Air Force Nuclear Weapons Center**
  - MS&A, Engineering models, thermal, radiation, flight performance
  - Nuclear Hardness Database Modernization
  - Gravity Sustainment and Service Support (GS3)
- **US STRATCOM**
  - Joint Electromagnetic Preparedness for Advanced Combat
- **Air Force Research Lab (AFRL)**
  - Sensors Directorate
  - Aerospace Directorate
- **US Navy**
  - CRANE: Engineering & Technical Support for Electro-Optic Systems
- **NASA**
  - NASA's Armstrong Flight Research Center at Edwards AFB (Engineering and Technical Support Services)
  - NASA Glenn Research Center, Office of the Chief Information Officer

Contract Vehicles/Other Transaction Authorities

Contract Vehicles:

RS3

OASIS Pool 6

OASIS Pool 4

SBIR Phase III

EWAAC

AFLCMC/XA

OTAs:

CMG C5

DRIVE

IWRP

MSTIC

SOSSEC

TReX II

VLC/AMTC

Contract Vehicles

SierTeK-Peerless Joint Venture

GSA OASIS Pool 1, Pool 1 8(a); Pool 3, Pool 3 8(a)

- Programmatic and engineering services, multiple NAICS

Defense Information Systems Agency (DISA) ENCORE III Small Business

- Enterprise IT services, NAICS 541519

For more information about this joint venture, visit siertek-peerlessjv.com

BQMI-Peerless Joint Venture

Navy Seaport-Next Generation (NxG)

- Programmatic, engineering, and logistics services, NAICS 541330

For more information about this joint venture, visit bqmipeerlessjointventure.com