



# ADVANCING NATIONAL SECURITY INNOVATION

**Secure, trusted engineering and manufacturing services for the defense, intelligence and homeland security communities.**

The Department of Energy's Kansas City National Security Campus (KCNSC) is moving national security innovation forward at its US Government funded, multi-mission engineering and advanced manufacturing facilities.

We offer our services through our Strategic Partnership Program to additional defense and national security missions, with secure, trusted mechanical, electrical and material engineering and manufacturing services.

# Mission Critical Capabilities

The KCNSC is a unique, national asset that provides a wide-array of services and capabilities. Within the campus is a premiere technical resource to address national security challenges. This engineering and manufacturing Sensitive Compartmented Information Facility is designed for secure and quick response to mission requirements and can be used for any government customer or organization, making your national security mission our mission.

## Diminishing Manufacturing Sources and Material Shortages

Platform and system sustainment support through assessment of obsolescence issues and solutions to problems from sourcing support through reverse engineering and manufacturing.

## Replacement Technologies

Legacy components and systems to extend the lifecycle of critical national security and military systems despite diminishing sources and provide alternatives to expensive and lengthy redesigns.

## Advanced Manufacturing

Advanced, manufacturing methods and tools improving manufacturing for advanced systems.

## Digital Manufacturing

Prototyping and component production, material optimization, full-scale development, and technology insertion into fielded products. Design freedom to create innovative and timely solutions from concept to physical implementation.

## Reverse Engineering

Wide range of tools and technical systems to analyze electrical, electronic, mechanical and material to develop technical data packages. Analyze hardware and recreate designs for an exact duplicate or with current technologies.



## Analysis, Procurement and Training

Technical analysis, intelligence education, enhanced supply chain threat assessment and managed acquisition development to US Government customers addressing national security concerns.

## IT Services

Trusted and secure IT services for cyber, network engineering, software development and embedded firmware.

## Rapid Prototyping

Quick response, material selection and fabrication, from a simple circuit board design, to a complete system design or ruggedized packaging.

## Initiation Systems

Miniaturized fireset technologies enhancing critical fielded systems.

## Secure Communications

Miniaturized advanced RF and electronic systems to combat global emerging threats.

## Emergency Response

Complex logistics systems with intuitive function and preparedness to respond to worldwide events.

## Trusted Services

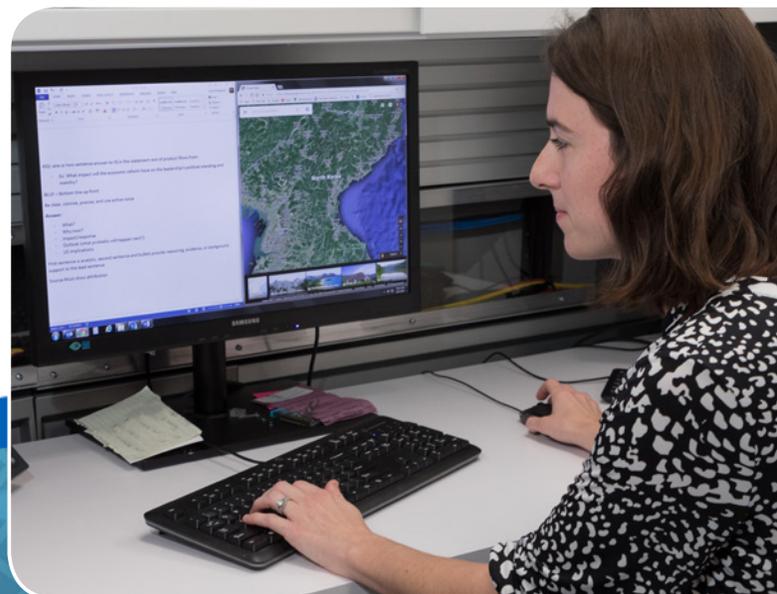
Integrity of processes used to design, manufacture and distribute application specific Integrated Circuits for critical to national security.

## Environmental Testing

Testing for real world applications that can validate and help improve operation and design.

## Microelectronics

Designed, fabricated and tested hybrid microelectronics and multichip modules; package semiconductor devices; and assemble MEMS systems, where miniaturization and high reliability packaging are required.





## Contracting and Funding

Accessing staff and resources at KCNSC is very easy, just call or email and we will begin the process. We provide the kind of independence and objectivity that your mission needs. Our expertise enables us to serve as a trusted advisor throughout the life cycle of your product or project.

- Full cost recovery facility
- You own the rights to any IP we generate
- Gov-to-gov funding mechanisms (MIPR, Inter-Agency Agreements)
- Funds in Agreement for commercial contracts
- Cooperative Research and Development Agreements (CRADA)

Engineering and manufacturing services can be requested for development programs, prototyping, reverse engineering, and production requirements. We cannot compete with industry by law and any IP we generate, you own the rights to for your private purposes.

Contact the Global Security Program  
Office at **800-225-8829** or email  
to **[Customer\\_inquiry@nsc.doe.gov](mailto:Customer_inquiry@nsc.doe.gov)**.