



The Commercial Innovation Center (CIC) is a first-of-its-kind, online development and test platform that provides a secure, virtual, open ecosystem and test sandbox for developers and researchers to collectively harness the combined powers of commercial remote sensing, cloud technologies, secure DevOps and advanced tools and services. By design, the CIC encourages partnerships, increases data accessibility, integrates app development, and facilitates the creation of transition-ready prototypes.

DISCOVER AND CONNECT

Our trusted, unclassified, virtual development platform provides access to R&D-licensed commercial remote sensing phenomenologies (e.g., EO, radar, IR, RF), connects emerging and established vendors with shared application tools and services, and facilitates GEOINT, MASINT, and Multi-INT research and development. The CIC includes:

- An ecosystem of commercial data providers (CDPs)
- A network of application developers
- Common R&D data and COTS/GOTS tools (e.g., loading, discovery)
- Common testing data (curated, tagged)
- Robust DevOps environment
- Hybrid/Cloud agnostic infrastructure
- Protected intellectual property and data rights

Unfiltered and unconstrained ideas enabled: the CIC is open to any US person.

COMMERCIAL REMOTE SENSING DATA IS GENERATED BY CIC PARTNERSHIPS

USEFUL

- Flexible R&D environment that streamlines access to R&D datasets
- Lowers barriers to entry
- Diverse data sets across phenomenologies
- Agile deployment based upon project requirements
- Access to SMEs for data and infrastructure

USABLE

- Common Data Standards and Data Models
- Rapidly configurable resources for diverse problem sets
- Repeatable processes across datasets
- Streamlined processes for data collections
- Actively developing common data models to support developers, analysts, and managers
- Expanding archive of deployment templates
- Establishing processes with CDPs

USED

- Enabling demonstration of capability
- Maturation with representative data
- Exposure to Enterprise processes
- Exposure to transition hurdles early in system development, making problems easier to address early
- Lower transition risk and raise developer experience with representative data, relevant scenarios, and expected process



COMMERCIAL INNOVATION CENTER

RIVERSIDE RESEARCH



“The explosive growth and evolution of commercial platforms will continue to drive breakthroughs and uncover key insights for top national security and DoD challenges. The CIC provides the ecosystem to fuel these revolutionary discoveries.”

Dr. Ann Carbonell
Director of CIC Sensors and Systems, Riverside Research

CIC Partner Highlight

COMMERCIAL DATA PROVIDERS

- BlackSky
- Capella
- HawkEye³⁶⁰
- Hexagon Federal
- HySpecIQ
- ICEYE
- Kleos
- Planet
- Satellogic
- Xeo-Air

INFRASTRUCTURE & TOOLS

- Amazon
- BaE
- CGI Federal
- GXP Xplorer
- Labelbox
- L3Harris ENVI
- MathWorks
- Microsoft
- Shutterstock
- ViON

DEVELOPER & OTHER

- Advanced Simulation Research
- CalypsoAI
- Enabled Intelligence
- Etegent Technologies
- Exquisite Geolocation Systems
- Freedom Consulting Group, LLC
- L3Harris
- Mile 2
- NorthStar Earth & Space Systems, Inc
- Rendered.AI
- Rinventing Geospatial, Inc. (RGI)
- T-Rex
- United States Geospatial Foundation
- University of Dayton Interns
- URSA Space



JOIN THE COMMERCIAL INNOVATION REVOLUTION TODAY

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Questions? Contact us at cic_info@riversideresearch.org