



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.

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

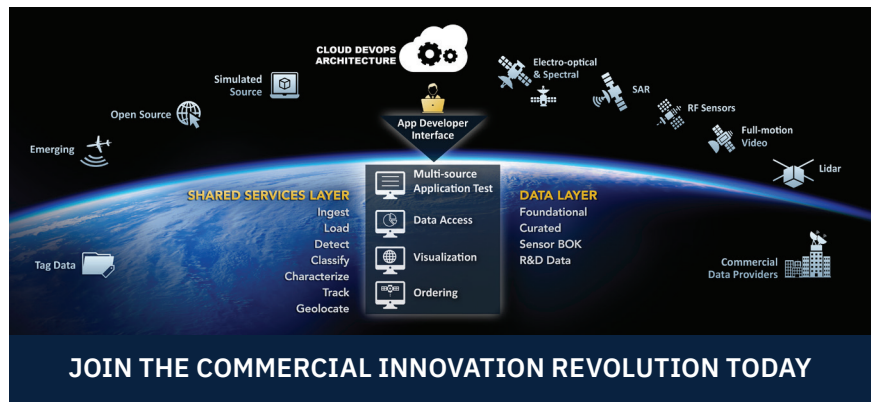
Used

- 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

DISCOVER AND CONNECT

Our trusted, unclassified, virtual development platform accesses multiple 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



The CIC is open to any US person. It is unfiltered and unconstrained idea enabled.



COMMERCIAL INNOVATION CENTER

Riverside Research is thrilled to offer emerging capabilities from CalypsoAI, Etegent, AWS, HeavyAI, BAE, Harris, and Enabled Intelligence, and emerging data sources from Planet, ICEYE, Umbra, Maxar, Capella, Satellogic, Pixxel, Spire, and NorthStar Earth & Space Systems, to our CIC participants. These companies are providing our developers with opportunities to run Quality Assurance (QA) tests, query multiple data sources, visualize disperse data, and perform advanced compute. All projects are unique in that they revolve around data. Data is the one thing in development and testing that is guaranteed to continuously change. The CIC is proving to be a game changer for our participants.

CIC PARTNER HIGHLIGHT

Commercial Data Providers

- Airbus
- Albedo
- BlackSky
- Capella
- HawkEye³⁶⁰
- Hexagon Federal
- HySpecIQ
- ImageSat
- ICEYE
- Maxar
- NorthStar
- Pixxel
- Planet
- PredaSAR
- Premise
- Satellogic
- Simerse
- Spire
- Umbra Space
- Unseen Labs
- USGIF CommSAR
- Xeo-Air

Infrastructure & Tools

- AI/ML Toolboxes
- Amazon
- BaE
- CalypsoAI
- CGI Federal
- Etegent
- GXP Xplorer
- Heavy.AI
- L3Harris ENVI
- MathWorks

Developer & Other

- CalypsoAI
- COMSPOC
- Concurrent Technologies
- Enabled Intelligence

- Etegent Technologies
- Freedom Consulting Group, LLC
- Government Orgs
- L3Harris
- Mile 2
- NorthStar Earth & Space Systems, Inc
- PARGOVERNMENT
- Rendered.AI
- Reinventing Geospatial Intelligence
- SCiTECH
- SpaceWatch Team
- T-REX
- United States Geospatial Intelligence Foundation
- University of Dayton Interns
- URSA Space

