Ball’s Dynamic Content Management (DCM) system fulfills the Intelligence Community’s (IC) need for a modern GEOINT production capability. Though its flexible content and context aware application services, it integrates and services consumers to provide all forms of GEOINT content including but not limited to: Foundation GEOINT (FG), Structured Observation Management (SOM), Volunteered Geographic Information (VGI) and Non-traditional GEOINT. DCM unlocks the true potential of GEOINT and provides the path forward to allow the IC to succeed in the open.
DCM provides an environment for Foundation GEOINT analysts to work with and evaluate source data, manage and search authoritative data, and the dynamic dissemination and distribution of standard and custom data formats, products and publications. It provides a proven and holistic One Feature/One Node/One Object-One Time (1F1T/1N1T-MV/O3T) platform with capabilities including GIS tool integration, conflation, attribute level metadata, data enrichment, provenance and lineage, fine grained access controls, data synchronization, impact and Forensic Analysis, catalog and search, and linked data analysis for all mission domains and security levels. DCM allows the Aeronautical, Boundaries, Controlled Imagery, Elevation, Geodetic Surveys, Geographic Names, GPS, Gravity, Human Geography and Topographic Mission Domains to operate production in a collaborative manner in a unified or segregated implementation.

OVERVIEW
DCM is a modernized content management service that serves our IC’s diverse mission areas by providing timely and relevant analyst access to authoritative Foundation GEOINT content, to ensure operational success. DCM facilitates the IC’s need for accurate Foundation GEOINT content with a 1F1T content management environment. The 1F1T vision delivers unified data management services that provide a migration path to eliminate costly, inefficient legacy data management systems.

DCM implements a set of services, business rules, data management techniques, and workflows that maximize reuse of government off-the-shelf (GOTS), commercial off-the-shelf (COTS), and open source software (OSS). DCM supports FG production and dissemination processes for points, lines, polygons, as well as both structured and unstructured data, through the ingestion and conflation of source digital data and non-digital sources. In addition, DCM publishes and consumes data through Open Geospatial Consortium (OGC) Web Feature Services and manages history, source, and security metadata at the attribute level.

OUR VALUE
- Delivers true O1F1T/1N1T-MV
- Provides a production environment with integrated GIS Tools including ESRI, QGIS, Kosmos, and others
- Provides a dissemination and distribution environment for all GEOINT content and data types (Raster, Vector, RDF/Graph, JSON, XML, and many more)
- Cloud agnostic, developed, native, and auto scalable
- All Content is service enabled and NAS compliant
- Provides attribute level metadata, conflation, provenance and lineage, and forensic and impact analysis

DCM BENEFITS
1O1T Data Management - DCM delivers a logical consolidation of FG Content across a spectrum of Foundation GEOINT domains, enabling a single authoritative source of truth and the creation of scale-based products providing content consistency and interoperability.

Cloud Modernization - DCM provides web-based user interfaces backed by services, business rules and data management techniques that are native to the Cloud and ensure seamless workflow integration.

Conflation - DCM’s groundbreaking conflation capabilities provide increased analyst efficiencies through data conditioning.

Business Rule Refinement - Provides a business rule module the moves the business logic from legacy