GBDX: Actionable Insights.
Global Scale.

Imagine a living digital library that documents every inch of our changing planet. Now imagine a powerful, cloud-based platform with tools to extract meaningful insights at scale from that library. Finally, imagine an ecosystem that matches the creators of those insights with customers who can turn them into effective, world-changing solutions. That’s geospatial big data made accessible. That’s GBDX.

Features & Benefits

Highest quality imagery content
- 16-year time-lapse image archive
- Highest commercial resolution available
- Unparalleled multispectral capabilities

Diverse ecosystem
- Multiple content sources - all DigitalGlobe sensors + Landsat, RADARSAT-2 SAR

Extract actionable insights at scale
- Object detection and identification (vehicles, aircraft, ships, buildings)
- Land use/land cover, surface mineral mapping
- Urban and rural infrastructure
- Digital Surface Modeling (DSM creation)
- Digital Terrain Modeling (DTM creation)
- Transportation mapping
- Coastal mapping and monitoring
- Agricultural and vegetative analysis

Analytic tools
- Access DigitalGlobe or third-party tools, or bring your own
- Supports machine learning and computer vision algorithms

Cloud scalability
- Cost-effective storage and elastic compute powered by AWS
GBDX isn’t just a platform, it’s an ecosystem that marries content and tools to an environment where experts can build solutions to complex use cases and sell those solutions to organizations that do not have the expertise to build it themselves.