

Essential Information Solutions For Decision Making



Geospatial Industry Forging Ties with GEOSS: A Value Proposition Herb Satterlee, CEO, MDA Information systems LLC



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The global expansion of Earth Observation utilization



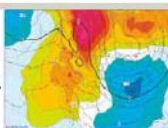
MDA INFORMATION SYSTEMS LLC
a U.S. company

MDA is a world leader in geospatial data collection, data fusion, surveillance, and intelligence solutions, products, and services.

ISR
Global leader in multi-sensor fixed and transportable ground systems, data processing and analysis, and geospatial information delivery.



Weather
Proprietary super-ensembling techniques to deliver the most accurate temperature, rainfall, wind, and cloud forecasting to mitigate mission risk.



Data Fusion
MDA's OASIS (Open and All-source Intelligence Service) combines multiple geospatially enabled data sets to provide activity-based intelligence for mission support.



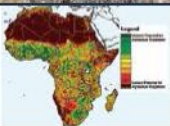
Electro-optical and Synthetic Aperture Radar sensors
Owner/operator of RADARSAT-2 satellite mission, global distributor of data, information products and services from the majority of commercially available high-resolution radar and optical satellites to a global client base of over 600 clients in more than 60 countries.



Hard Targets
Advanced geospatial products and solutions to detect and identify Hard and Deeply Buried Targets (HDBT).



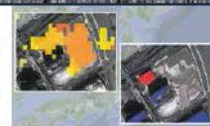
Human Geography
Uses human domain awareness, area-activity-based intelligence with MDA situational awareness tools for in-depth analysis.



Illicit Crop Analysis
Broad range of illicit crop analysis to support eradication, cultivation assessments, and probability analytics.



Change Detection
Medium-resolution optical satellite imagery is used to locate and indicate land change over large areas across the entire globe.



Maritime Domain Awareness
RADARSAT-2 solutions and proprietary products and services that enable global maritime monitoring from a single port to wide expanses of blue water. Valuable intelligence and situational awareness ideal for sharing due to unclassified data sources.



MDA Information Systems LLC has garnered international success by offering the widest range of solutions to operationalize and support global missions. Working with government agencies and corporations around the world, MDA is committed to meet mission needs with multi-disciplinary teams to analyze the customer's requirements and develop innovative products and solutions that meet or exceed expectations.

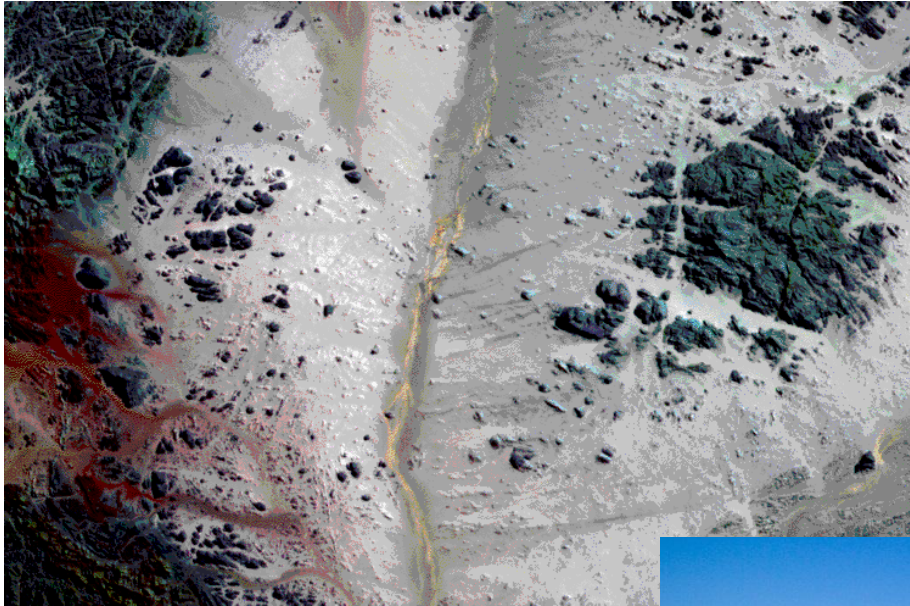
Three integrated divisions generate efficient information solutions. Geospatial Solutions deploy remote sensing, GIS, multi-source data, and large-volume image and data processing technology to provide unparalleled intelligence and information products and analysis. ISR Systems leverage the Company's world-leading multi-mission ground systems experience to provide fixed and transportable remote sensing satellite ground systems. Weather Services provide tailored weather information products and services for defense, energy, and agriculture applications. From raw data to advanced analytics, MDA is committed to ensuring your mission success.

MDA solutions that meet or exceed expectations



Different EO Data Sources can provide dramatically different and often complimentary information.

Optical

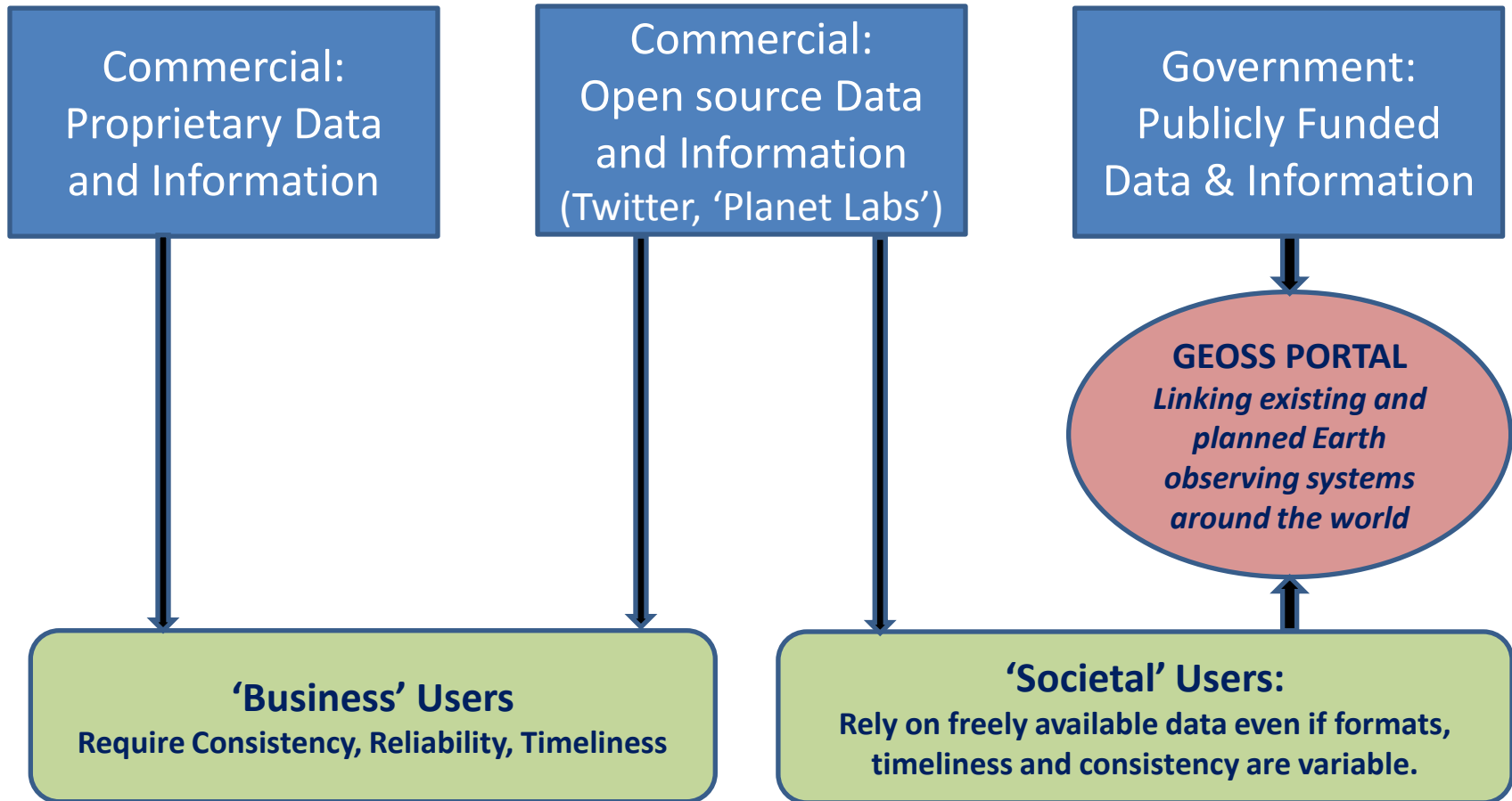


RADAR



Open source
social media

GEOSS in the context of Data / Information Sources and Users



Views on the availability of open data, EO data and the associated value-propositions - implications for GEOS

- The increasing development of commercial systems that utilize new technology and therefore reduce the cost of infrastructure, are providing rapid, frequent and cost effective sources of data;
- More complete solutions are being developed through the combination of commercial, public and now open source information such as geospatially tagged social media;
- GEOSS has value as a channel for accessing publicly available data to support societal needs;
- The technology to rapidly access and mine a broad range of data combined with a much greater availability, is driving the business of EO (both commercial and societal) into a whole new dimension which is no longer wholly reliant on government institutions to foster growth and utilization.
- Making commercial data available through GEOSS, requires commercial agreements to be reached with the data providers. Most of these providers will be open and flexible to any arrangement which will not have detrimental impact on their business.