brAInt

imagery intelligence platform

brAInt is a platform for the execution of operational SAT-IMINT workflows aimed at reducing the complexity behind end-to-end remote sensing data exploitation. The core of the platform is an RFI-driven workflow management system (bWM) that manages tasks, operators and software components leveraging on a pre-defined and configurable set of rules. The platform is provided with a set of IMINT WF (Target Analysis, Monitoring, Discovery, Damage Assessment and Planning) that can be further tailored to match the user needs. The platform is characterized by three operational components conceived to support IMINT Analysts during the whole IMINT cycle:

- **Collector** – Satellite data acquisition-plan WF-driven definition and data gathering
- **Producer** – Automatic Analysis Ready Data generation
- **Analyst** – Integrated tool for advanced IMINT analysis and report generation

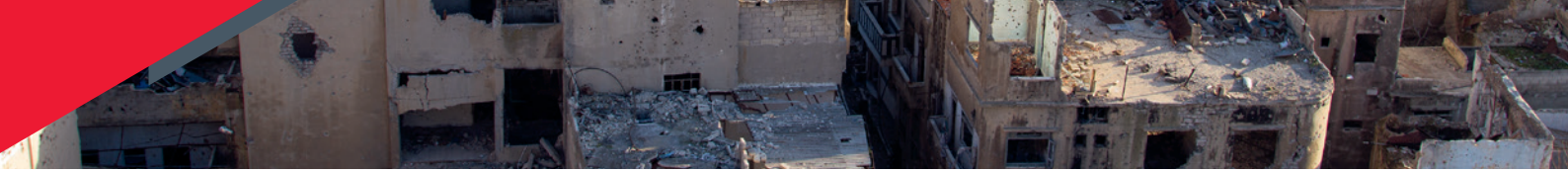
Modularity can be considered one of the platform pillars since every operational component has been designed to be integrated and/or replaced with external software and COTS components. The **flexibility** of the platform guarantees the adaptability of the IMINT WF to user-specific requirements. **Persistency** of data, products and activity logs provides the user with traceability, data mining and process optimization capabilities.

TO WHOM

- INTELLIGENCE & DEFENCE INSTITUTIONS
- BUSINESS INTELLIGENCE USERS
- CUT OWNER

CAPABILITIES

- END-TO-END IMINT WF EXECUTION
- AUTOMATION
- MODULARITY
- FLEXIBILITY
- PERSISTENCY
- MULTI-SOURCE

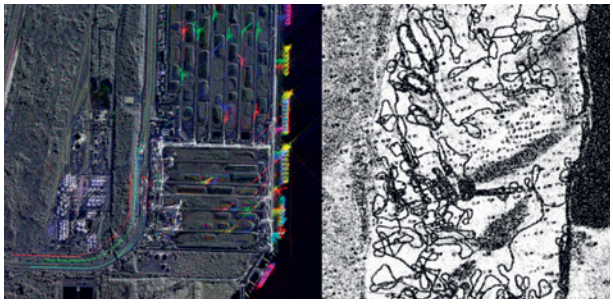


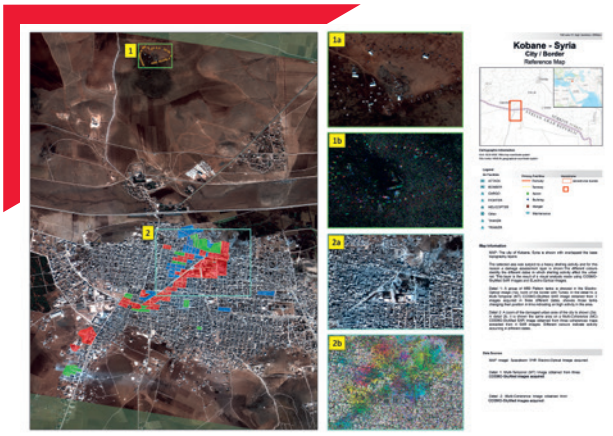
braaS (brAInt As A Service)

brAInt products, generated by trained and experienced e-GEOS specialists, can be provided as a service to support decision-makers and IMINT Analysts.

ANALYSIS READY DATA (ARD)

Raster Products generated by brAInt Producer providing data ready to be exploited by imagery analysts. These products benefit of e-GEOS expertise about SAR-Data processing and COSMO-SkyMed constellation advanced exploitation, continuous innovation process and patented algorhitms to provide the user with the most valuable and ready to use layers.





IMINT REPORT

Report products generated by the e-GEOS trained and experienced team of analysts operating the brAInt platform with the support, if requested, of IMINT specialists. Reports can be delivered as Map, Information or Measurement: their content is the result of the analysis related to IMINT Workflow (Target Analysis, Monitoring, Discovery, Damage Assessment and Planning), business intelligence (e.g. crude-oil stock) and activity detection. Activity Based Reports (ABR) provide identification and characterization of activities occurring over small areas (hot-spots) monitoring wide regions.

TRAINING SERVICE

The effective utilization of the described products as well as of the brAInt platform is guaranteed by the e-GEOS Training Service. e-GEOS provides a Training service with a modular structure. Every training path can be arranged by combining different modules (including platform operations, remote sensing principles, SAR advanced, SAR Applictions, IMINT analysis,...) depending on the contents required by the user and tailored to match its needs. e-GEOS has 10+ years of experience in providing training to Defense & Intelligence and institutional players worldwide. Specific training modules can take advantage of the support of IMINT specialists.

brAInt PLATFORM

brAInt can be deployed at the User premises on both off-line and on-line environments. brAInt operational components can also be provided also as stand-alone modules. e-GEOS provides configuration/customization, operational training service, operational support and maintenance.

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