GEOINT+

Tools for Foundational GEOINT Automation



CACI's GEOINT+ Toolset enables the automated and semiautomated creation and maintenance of foundational GEOINT feature data. The GEOINT+ Toolset includes:

CACI FeatureTrace[™]

Uses deep learning to automate the extraction of foundational features from satellite imagery. Allows for vector-to-vector change detection, facilitating and speeding effective, continual data enrichment.

CACI Assemble+

Assembles high quality "to spec" and "fit for use" cartographic products in a fraction of the usual time. Provides data thinning, cartographic adjustment, label placement, symbolization, and marginalia generation.

CACI Enrich+

Facilitates the identification, application, and validation of tips and cues about feature data updates. Applies changes for consistency and conformance to specifications, correcting topological errors and attributional inconsistency.

CACI Conflate+

Automates large parts of the concurrent conflation of up to nine geospatial datasets. Allows manual review and adjustment for high quality final products.

CACI Assess+

Provides rapid, standards-based assessment of the geospatial quality of datasets, including positional accuracy, completeness, logical consistency, temporal quality, and thematic accuracy. Produces feature-level and aggregate results to inform decision-making.

CACI Quality+

Provides persistent quality surveillance and automated detection of errors by tracking production of feature data in real time and providing statistical in-process sampling for early detection and correction.

CACI Maritime+

Supports Continual Maintenance (CM), New Source Incorporation (NSI)/New Library Collect (NLC), and ENC-DNC conversion to meet the exacting standards of maritime safety-of-navigation programs.

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