

IMAGINE Defense Productivity Module



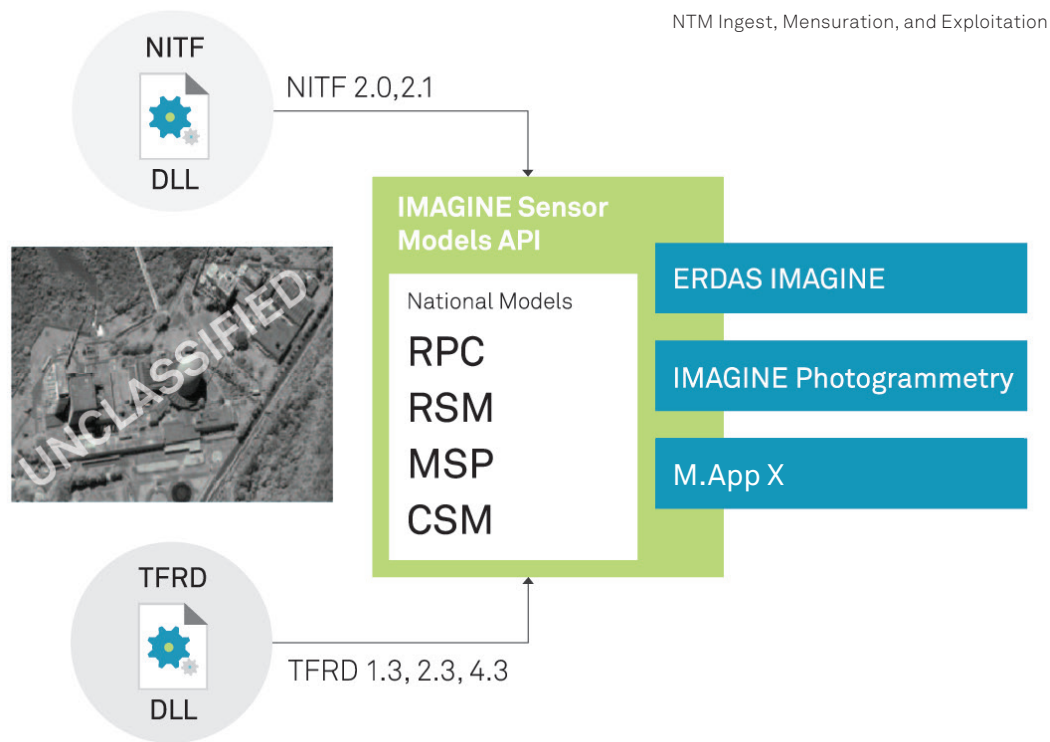
IMAGINE Defense Productivity Module (DPM)

The IMAGINE Defense Productivity Module was built with both the Geospatial Analyst and Imagery Analyst in mind. The DPM extends the power of ERDAS IMAGINE® and IMAGINE Photogrammetry to legacy and emerging National Technical Means (NTM) and tactical imagery sources, supports enterprise solutions for imagery and geospatial analysis, and offers enhanced workflows for the defense community. This module is essential for the defense and intelligence customer using ERDAS IMAGINE or IMAGINE Photogrammetry. The baseline module is available at the SECRET//REL TO USA, FVEY classification level, but can also be produced at different releasability levels upon request. There is also an add-on to the DPM providing some additional capabilities at the TS/TK level at no additional cost. A Defense Formats module providing read/ingest support for classified data can be produced for M.App X as a custom product. The

M.App X Defense Formats module additionally enables full classified metadata display, MSP support, SIPS Default Image Enhancements, and Automated Target Detection Tools. Note that as of the 2018 Release, IMAGINE Global Retriever has been deprecated and is no longer available.

Full Support for Mensuration Services Program (MSP)

Mensuration Services Program (MSP) is the standard for precision mensuration from NTM, Commercial, and Tactical imagery. The IMAGINE Defense Productivity Module provides a mensuration workspace that is fully integrated into ERDAS IMAGINE, allowing user access to the complete set of MSP image mensuration functions and output with selectable sensor models and terrain types.



Contact Us

For information on DPM and Defense Formats product availability and releasability variants, please contact the Hexagon US Federal Support Center at **1-800-633-7248** or **supportdesk@hexagonusfederal.com**.

Support for TFRD Imagery

- Native read for TFRD 1.29, 2.3, and 4.3 imagery on the Windows platform, including support for metadata to enable precision geolocation via RPC, RSM, and CSM models and precision mensuration via MSP
- Transform TFRD to fully compliant NITF 2.0 or 2.1 files (IMAGINE Expansion Pack required)
- Conversion to extensive array of image formats supported by ERDAS IMAGINE

Support for NITF NTM Imagery

- Native read for NTM NITF imagery on the Windows platform, including support for national SDE tags to enable full metadata display, precision geolocation via RPC, RSM, and CSM models, and precision mensuration via MSP
- Full display of all classified (and unclassified) metadata
- Conversion to extensive array of image formats supported by ERDAS IMAGINE
- Companion IMAGINE Expansion Pack is required for chipping and export



Additional Capabilities

- Enhanced importer that provides a graphical interface for rapid simplified ingestion of standard National Geospatial-Intelligence Agency data such as CIB, CADRG, and DTED
- Automatic determination of SIPS Image Enhancement default settings
- Vector Prediction Digitizing Tool provides graphical cues to indicate the likely location of the next feature in a regular set
- IMAGINE Feature Counting Tool symbology set expanded with a wide array of military symbols
- DPPDB Workstation for graphical viewing of DPPDB footprints and metadata, imagery preview, blockfile creation, and anomaly delineation
- Support for the MC&G (Mapping, Charting, and Geodesy) sensor model and AMSD
- Image Slicer to subset TFRD imagery with AMSD files for more efficient stereo extraction and RPC fitting
- Automated Target Detection tools
- Precision Ellipse Generation (PEG) Tool for generating and displaying terrain corrected error ellipses





Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous — ensuring a scalable, sustainable future.

Hexagon's Geospatial division creates solutions that deliver a 5D smart digital reality with insight into what was, what is, what could be, what should be, and ultimately, what will be.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 4.3bn USD. Learn more at hexagon.com and follow us @HexagonAB.

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