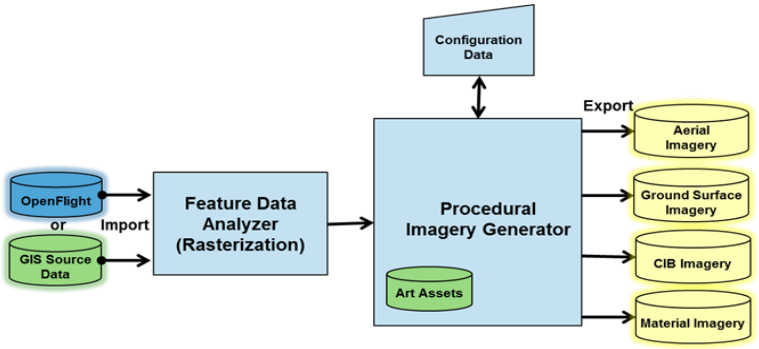
LOGIC Procedural Imagery Generation

AUTOMATED PRODUCTION OF HIGH QUALITY IMAGERY FROM STANDARD SOURCE DATA

The procedural (synthetic) imagery generation software imports standard feature, attribute, and elevation datasets or OpenFlight data. The software supports automated polygonal detailing of texture images based on a defined set of texture painting rules to create the correlated detailed texture images.



FEATURE ANALYZER – SYNTHESIZE IMAGERY FROM FEATURE DATA AND ATTRIBUTES

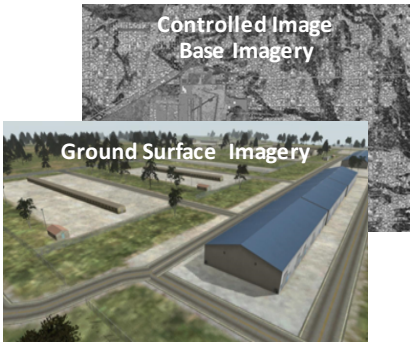
- Selectable for aerial, ground surface, material encoded imagery and CIB imagery generation
- Imagery correlates to GIS source data
- Supports progressive enhancement of imagery based on feature data and the application of elevation data to generate realistic terrain topography
- Eliminates the need to clean and remove image artifacts

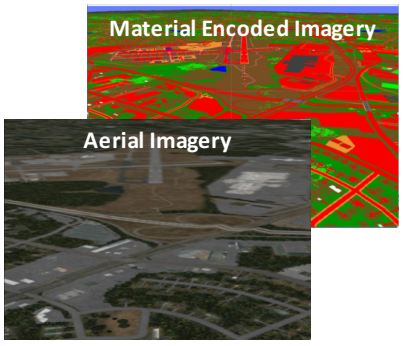
Real Imagery with Environmental Artifacts

Procedural Generated Imagery from Standard GIS Feature Data

PROCEDURAL IMAGERY GENERATION – AUTOMATICALLY GENERATES CORRELATED IMAGERY

Imagery is automatically created onto an image canvas that represents the base view of each scene element. The resulting product is fully correlated since the imagery is derived from the source dataset. Outputs include ground surface imagery, aerial imagery, and material encoded imagery.





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