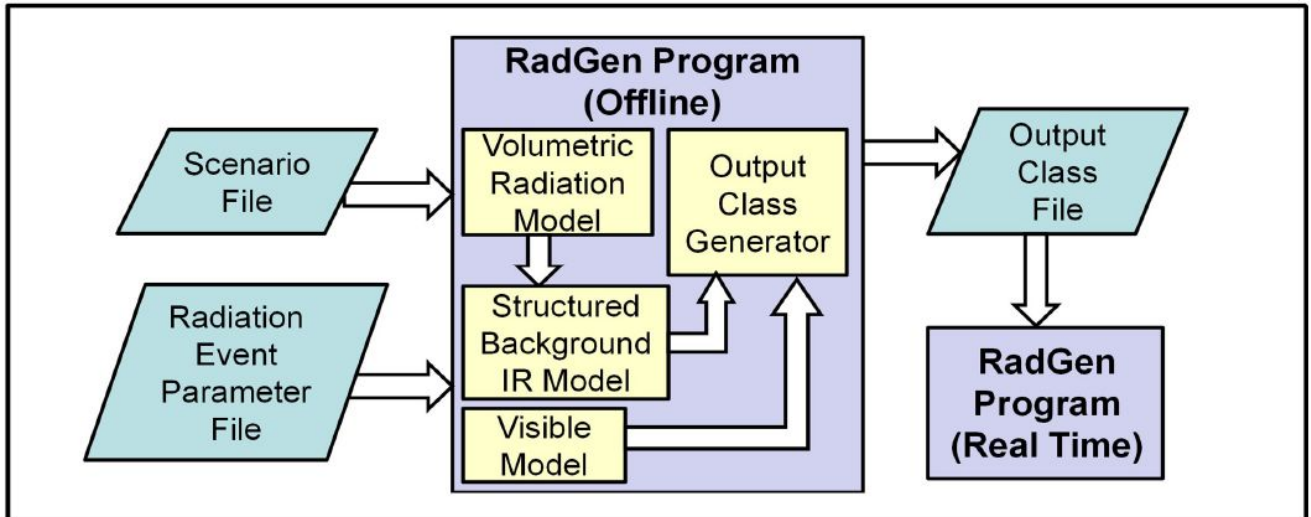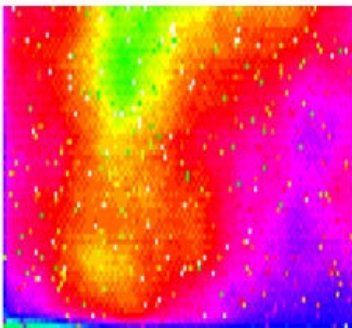# Radiation Hardening Modeling Program

nLogic brings expertise with natural and man-made radiation effects modeling. Our physics-based modeling tool provides a PC-based scene generation capability for visible & infrared sensors. Includes capability for both radiation effects on targets and backgrounds.

Focal Plane Array Image during Radiation Event

Capabilities:

- Off-Line Modeling
    - Includes Industry Standard Models (SCENARIO, NORSE, IRSIM, SSGM, …)
    - Inputs Flight Scenarios & Radiation Event Parameters
    - Outputs Files Describing Visible/Infrared Scenes
- Real-Time Modeling
    - Inputs & Outputs from Off-Line Component
    - Integrated with User-Supplied Real-Time Flight Simulation

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