

SYNTHETIC APERTURE RADAR (SAR)



Improved Target Acquisition & Threat Assessment

Using software modules aligned with FACE™ Technical Standard 3.0, KIHOMAC is developing a Synthetic Aperture Radar component for integration into the A-10, greatly enhancing the target acquisition and threat assessment capabilities of the existing platform.

Architecture aligned with the FACE Technical Standard allows for portability, modularity, and reuse of existing software in future development efforts.

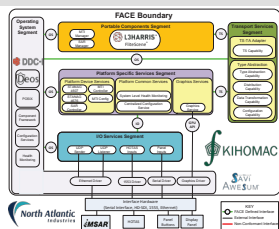
Using commercial off-the-shelf (COTS) equipment greatly reduces material acquisition time and cost.

About SAR

- Aligned with FACE™ Technical Standard, Edition 3.0
- Uses Low-Cost COTS Equipment
- Compatible with Existing MFCD
- Supports Future Expansion Using HD Displays
- Supports Moving Target Indicator (MTI) and Target Tracking Overlays on Either a Moving Map or SAR Images
- Pilot Input via HOTAS and Bezel Buttons (OSBs)

About KIHOMAC

KIHOMAC is an Aerospace Manufacturing & Engineering company that, among its many disciplines, includes extensive experience with software design, development of flight and safety critical systems in accordance to DO-178 requirements and has embraced the FACE™ architecture model. KIHOMAC has been a FACE Consortium member since 2013.



FACE™ Architecture Integration

See Reverse for Face Architecture Diagram

- KIHOMAC Software Development Facility
- KIHOMAC Office

