

## Software Development

AXISCADES has proven capabilities in Software Design and Development for Aerospace and Defence applications for global OEMs and end users. Axis has well established quality system in compliance to DO-178B standard for software development, verification and validation.

AXISCADES has expertise in developing Windows & Linux based System Software, User Interface, Embedded Software for microcontrollers and VLSI design.

### Electronic Warfare Mission Planning System



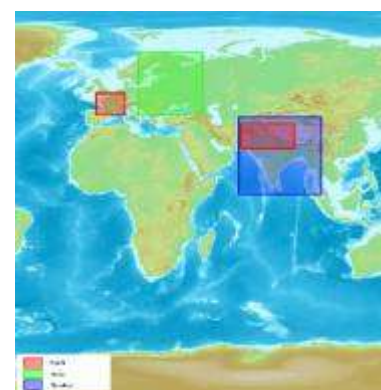
- Used in Electronic Warfare Mission Planning System.
- Design and Architecture of the solution.
- Verification and Validation of the systems.
- Configuration of the systems for the end users.

### Activities

- Requirements Analysis
- Solution Architecting
- Software Design
- Coding
- Unit Testing
- Integration Testing
- System Testing
- Verification and Validation
- Packaging
- Installation, Certification, Delivery

### Map Workshop Man Machine Interface (MWS MMI)

- MWS MMI Software used in Electronic Warfare Mission Planning System.
- Used to prepare the map data for the pilots.
- Processes multiple types of map format.



# Products

## Software Development

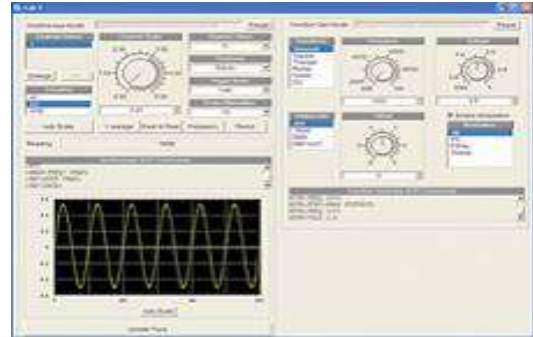
### Test Software

AXISCADES undertakes Design, Development, Fabrication, Assembly, Integration and Indigenization of Test Interface Unit (TIUs) / Test Adaptors (ITAs) for Avionics LRUs.

The activities include - Hardware Design, Hardware Development, and Production of Mechanical parts, Fabrication, Cable Wire Harnessing, Assembly, Integration and Testing.

AXISCADES has supplied TIUs for Electronic Warfare, Radar, Communication, Navigation, Displays, and On board Computers and various other LRUs.

AXISCADES has developed the TPS for Avionics Displays, Electronic Warfare, On board Computers, IFF and various other LRUs.



### Radar Simulation Software

AXISCADES has deep experience in Design, Development, Radar simulation and presentation application.

Experience includes study and analysis of the system, developing new software, integration with the hardware.

The Radar simulation software enables the user to create the scenarios –emitter direction, distance, movement using the Windows based user interface. The FPGA based embedded software generates simulated signals for further testing and analysis.

