Electronic Warfare is a very important branch of the military. The US military currently possesses the most advanced Electronic Warfare system. The Electronic Warfare system of the US military is initiated using the Electronic Warfare Mainframe process. Electronic Warfare Mainframe sends calibration signal to Radar Warning module. The Radar Warning module sends Radar Signal Analysis back to Electronic Warfare Mainframe until the radar signal intercepts something, then it sends an interception signal flag. Compile Report module receives the interception report and status report from Electronic Warfare Mainframe and based on the severity of the situation either sends the status report to compile situation report which is an on page connector or sends both the status report and interception report to compile mission report which is an off-page connector. Radio Frequency counter measure module receives activation signal from Electronic Warfare Mainframe module and extracts enable signal for signal jammer and electromagnetic spoofing module and forwards them to their respective modules. The signal jammer and electromagnetic spoofing module will keep running until the signal jammer module sends a timeout flag back to the radio frequency countermeasures module. Electronic Warfare Mainframe module uses a library module called geospatial location exploitation system which receives coordinates as input and sends back analysis reports for mapping purposes.

1.0 Electronic Warfare Mainframe

- Interception Signal
- Radar Signal Analysis
- Calibration Signal
- Coordinates
- Activation Signal
- Analysis Report
- Status Report
- Interception Report

1.1 Radar Warning

1.4 Geospatial Location

1.2 Compile Report

- Status Report
- Interception Report

1.2.1 Compile Situation Report

1.2.2 Compile mission report

1.3 Radio frequency Counter measure

- Enable Signal
- Timeout flag
- Enable Signal

1.3.1 Signal Jammer

1.3.2 Electromagnetic Spoofing