

Software Intensive Systems Integration and Obsolescence Mitigation Facility

The Software Intensive Systems Integration and Obsolescence Mitigation Facility focuses on supporting obsolete and end of life system components through system design and hardware and software integration.



The Facility is fully equipped with electronic and digital test equipment to analyze and reverse engineer legacy systems and communications protocols to provide modern replacement hardware with greater functionality. The Facility is well equipped for general purpose and digital communications analysis, trouble-shooting and prototyping. The Facility includes Bit Error Rate Testing equipment, Micro Ohm Meters, Oscilloscopes, Universal Serial Bus Analyzers, Logic Analyzers, Signal Generators, Arbitrary Waveform Generators and 3D Laser Scanners.

This Facility has been utilized to analyze and design replacement hardware for communication and display systems. It has also been used to reverse engineer communications

protocols utilized for specific system sensors to provide the needed functionality without the need for additional costly communications hardware.

The Facility utilizes technical innovation and incorporation of new technologies through collaboration with manufacturer's of COTS and GOTS products for the Warfighter. These innovations allow for cost effective redesign and replacement of obsolete system components and analysis and replacement of obsolete communications protocols.



Point of Contact

Armament SEC Business Planning and Development
usarmy.armamentsec@mail.mil
<http://www.ardec.army.mil/armamentsec>

(973) 724-ASEC (2732)
DSN 880-ASEC (2732)