



FOX CPG SOFTWARE INTEGRATION LABORATORY

LABORATORY INFORMATION FACT SHEET

CONTACT US:

Technology Transfer Office

Email: usarmy.pica.devcom-ac.mbx.t2@army.mil

v.01



The FOX Chemical Biological Radiological Nuclear Processing Group (CPG) Software Integration Laboratory (SIL) focuses on supporting the software and hardware integration aspects for the implementation and support of the Fox M93A1 Nuclear Biological and Chemical Reconnaissance System (NBCRS), CPG reporting system.

TECHNOLOGY/FACILITY DESCRIPTION:

The Lab utilizes technical innovation and incorporation of new technologies through collaboration with manufacturer's of COTS and GOTS

products for the Warfighter. As such the SIL is a space to promote the development of new ideas. This is achieved by the unique layout of the room, with areas for interacting with new technologies, brainstorming and an area for research and discussing ideas.

The Lab also supports multiple initiatives related to the M93 FOX by being the home for the FOX NBCRS technology and associated FOX software intensive systems.



EQUIPMENT AND EXPERTISE AVAILABLE:

- Electronic and digital test equipment for simulation and signal analysis of the CPG system and simulation of the FOX NBCRS vehicle hazard sensor systems with a mock-up of the FOX sensors and ancillary support systems
- Equipped for general purpose and related digital communications analysis, trouble-shooting and prototyping
- A dedicated Fox M93A1 NBC vehicle which allows engineers to physically verify components and system operation in an operational setting for compatibility and space claims