



# DIRECT FIRE SYSTEMS SOFTWARE ENGINEERING LABORATORY

## LABORATORY INFORMATION FACT SHEET

### CONTACT US:

Technology Transfer Office

Email: [usarmy.pica.devcom-ac.mbx.t2@army.mil](mailto:usarmy.pica.devcom-ac.mbx.t2@army.mil)

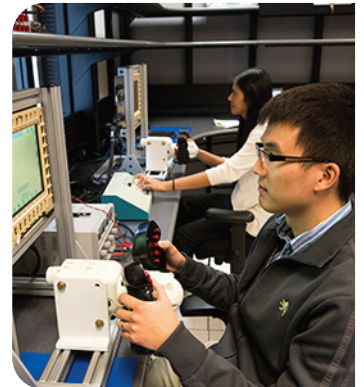
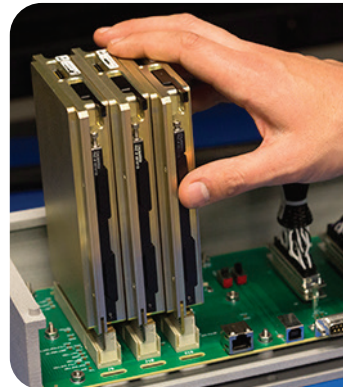
v.02



*The Direct Fire Systems Software Engineering Laboratory was established to perform software sustainment on the M1A1 Abrams Tank Ballistic Computer Subsystem (TBCS) Software.*

### TECHNOLOGY/FACILITY DESCRIPTION:

The facility has equipment to support the Advanced Lethality and Accuracy System for Medium Caliber (ALAS-MC) and the Medium Caliber Armament System (MCAS) Science and Technology programs.



### EQUIPMENT AND EXPERTISE AVAILABLE:

- Specialized equipment for the M1A1 TBCS and for the Medium Caliber Armament System (MCAS) programs
- Standard electronic measurement equipment
- Assembly, C and C++ Language expertise
- Graphical User Interface (GUI) design
- Prototyping of embedded software