



CONFIGURATION MANAGEMENT REPOSITORY

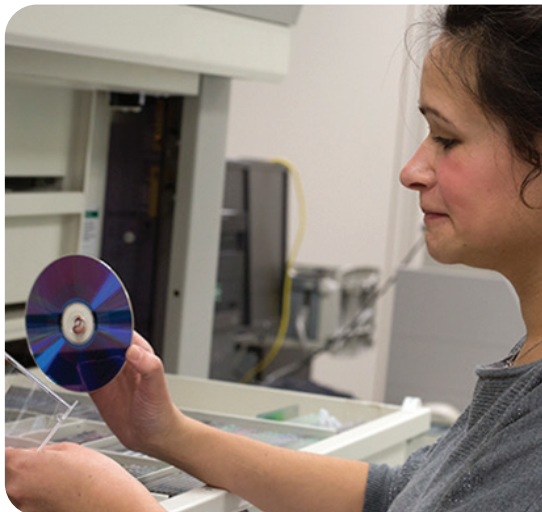
LABORATORY INFORMATION FACT SHEET

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The Configuration Management (CM) Repository is a facility within the Armament Software Engineering Center (SEC). Armament SEC is an Army Materiel Command Chartered Life Cycle Software Engineering Center which requires Software CM activities.

TECHNOLOGY/FACILITY DESCRIPTION:

The Repository, managed by the Configuration Management/Library System Management (CM/LSM) Project, provides secure centralized storage for all unclassified hardware,

software and documentation related to artifacts (e.g. code, documentation, firmware) developed and/or maintained by the Armament SEC, including Software Configuration Control Board (CCB) approved baselines. The Repository fulfills the Armament SEC requirements for controlled storage of software process-related information, baselines and associated configuration management records.

CM/LSM manages the Repository's artifacts with the Configuration Management Database Repository (CMDR) tool. CMDR provides artifact information, search capabilities, check in/check out, as well as report generation. Through controlled access, content search capabilities exist for Armament SEC project personnel.

The Armament SEC Repository is identified on Software Control Drawings, which are included in a system's Technical Data Package (TDP). The Software Control Drawing links the system to the appropriate software and its location. This is essential for lifecycle system support, acquisition actions and Post Production Software Support (PPSS) services. Release requests of stored formally approved software baselines or artifacts are processed by CM/LSM and require an approved Formal Release Request (FRR) form.

The over 2,000 sq ft facility, constructed with reduced burn rate materials, contains a Hänel Rotomat storage system, Spacesaver storage system, 9 track tape maintenance system and a legacy media conversion center.



EQUIPMENT AND EXPERTISE AVAILABLE:

- CMDR in-house developed web-based tool for management of CM Repository Artifacts & related activities
- Hanel Rotomat Media Storage System
- Space Saver Media Storage System
- Media Conversion Center
- Epson XP-860 All-in-One Printer
- Fujitsu Image Scanner
- Secure central storage location for project SW artifacts & formal baselines with protected access & offsite backup
- PPSS
- Full content search
- Software CCB for review & approval of formalized SW baselines
- Provide inputs for Software Supportability Statement (SSS) needed for Materiel Release
- FRR and FRR tracking/reporting
- Check In/Check Out
- Report generation
- Legacy media conversion (VAX/VMS, Sun OS, tape cassette, 9 Track, DLT, etc)
- Create, customize and print designs onto ink jet-printable CD/DVDs
- Scan documents to PDF format with Optical Character Recognition (OCR) utilizing a high-speed, high-capacity commercial scanner