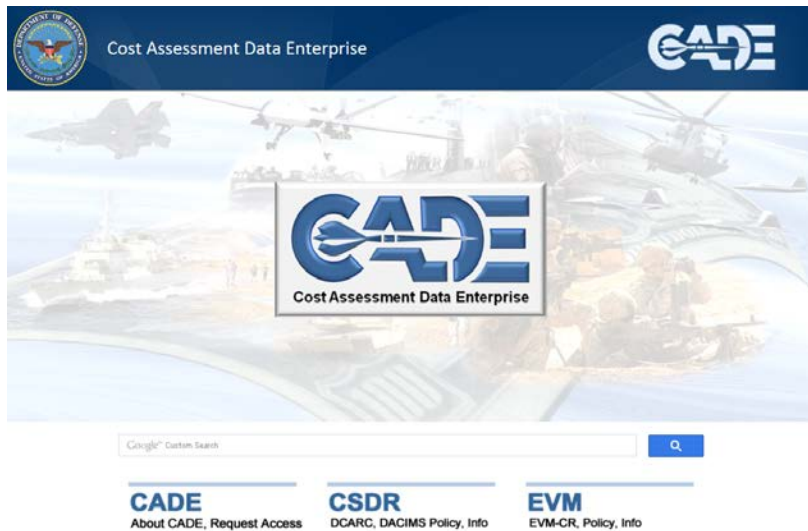


# DoD Acquisition Software Cost and Schedule Primary Data Collection Instrument

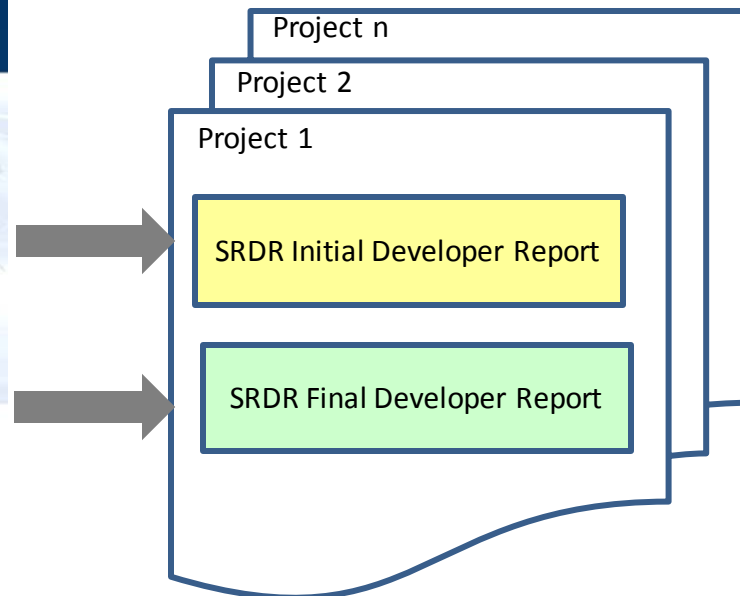
- Project data collected from US DoD Cost Data Repository
- Project data includes both **SRDR Initial and Final Developer Report**

## US DoD Data Repository



<http://dcarc.cape.osd.mil/Default.aspx>

## Software Data Reports

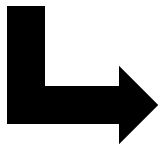


# Software Resource Data Reports

## Software Resource Data Report (SRDR)

### \*SRDR Final Developer Report

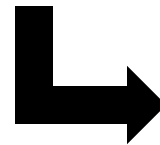
Section 3.1.1 UNCLASSIFIED			
SECURITY CLASSIFICATION			
SOFTWARE RESOURCES DATA REPORTING: FINAL DEVELOPER REPORT (SAMPLE FORMAT 3)			
Due 60 days after final software delivery and 60 days after delivery of any release or build.			
Section 3.1 REPORT CONTEXT AND DEVELOPMENT ORGANIZATION			
MAJOR PROGRAM a. NAME:	Section 3.1.2		b. PHASE/MILESTONE: Section 3.1.2
REPORTING ORGANIZATION TYPE Section 3.1.3	NAME/ADDRESS a. REPORTING ORGANIZATION: Section 3.1.4		
<input type="checkbox"/> PRIME/ASSOCIATE CONTRACTOR <input type="checkbox"/> DIRECT-REPORTING SUBCONTRACTOR <input type="checkbox"/> GOVERNMENT	b. DIVISION: Section 3.1.4		
APPROVED PLAN NUMBER Section 3.1.5	CUSTOMER Section 3.1.6	CONTRACT TYPE Section 3.1.7	
WBS ELEMENT CODE Section 3.1.8	WBS REPORTING ELEMENT Section 3.1.8		
TYPE ACTION a. CONTRACT NO.: Section 3.1.9	c. SOLICITATION NO.: Section 3.1.9	e. TASK ORDER/DELIVERY ORDER NO.: Section 3.1.9	
b. LATEST MODIFICATION: Section 3.1.9	d. NAME: Section 3.1.9		
PERIOD OF PERFORMANCE	APPROPRIATION Section 3.1.11	SUBMISSION NUMBER Section 3.1.12	
a. START DATE (YYYYMMDD): Section 3.1.10	<input type="checkbox"/> RDT&E	RESUBMISSION NUMBER Section 3.1.13	
b. END DATE (YYYYMMDD): Section 3.1.10	<input type="checkbox"/> PROCUREMENT	REPORT AS OF (YYYYMMDD) Section 3.1.14	
	<input type="checkbox"/> O&M	DATE PREPARED (YYYYMMDD) Section 3.1.15	
NAME (Last, First, Middle Initial) Section 3.1.15	Department Section 3.1.15	Telephone (Include Area Code) Section 3.1.15	EMAIL ADDRESS Section 3.1.15
DEVELOPMENT ORGANIZATION Section 3.1.16	SOFTWARE PROCESS MATURITY Section 3.1.17	LEAD EVALUATOR Section 3.1.17	
	CERTIFICATION DATE Section 3.1.17	EVALUATOR AFFILIATION Section 3.1.17	
PRECEDENTS (List up to five similar systems by the same organization or team.) Section 3.1.18			
SRDR DATA DICTIONARY FILENAME Section 3.1.19			
COMMENTS Section 3.1.20			



**Actual** Development Effort, Schedule, Defects  
**Actual** Development Process  
 ...

### \*SRDR Initial Developer Report

Section 3.1.1 UNCLASSIFIED			
SECURITY CLASSIFICATION			
SOFTWARE RESOURCES DATA REPORTING: INITIAL DEVELOPER REPORT (SAMPLE FORMAT 2)			
Due 60 days after contract award and 60 days after start of any release or build.			
Section 3.1 REPORT CONTEXT AND DEVELOPMENT ORGANIZATION			
MAJOR PROGRAM a. NAME:	Section 3.1.2		b. PHASE/MILESTONE: Section 3.1.2
REPORTING ORGANIZATION TYPE Section 3.1.3	NAME/ADDRESS a. REPORTING ORGANIZATION: Section 3.1.4		
<input type="checkbox"/> PRIME/ASSOCIATE CONTRACTOR <input type="checkbox"/> DIRECT-REPORTING SUBCONTRACTOR <input type="checkbox"/> GOVERNMENT	b. DIVISION: Section 3.1.4		
APPROVED PLAN NUMBER Section 3.1.5	CUSTOMER Section 3.1.6	CONTRACT TYPE Section 3.1.7	
WBS ELEMENT CODE Section 3.1.8	WBS REPORTING ELEMENT Section 3.1.8		
TYPE ACTION a. CONTRACT NO.: Section 3.1.9	c. SOLICITATION NO.: Section 3.1.9	e. TASK ORDER/DELIVERY ORDER NO.: Section 3.1.9	
b. LATEST MODIFICATION: Section 3.1.9	d. NAME: Section 3.1.9		
PERIOD OF PERFORMANCE	APPROPRIATION Section 3.1.11	SUBMISSION NUMBER Section 3.1.12	
a. START DATE (YYYYMMDD): Section 3.1.10	<input type="checkbox"/> RDT&E	RESUBMISSION NUMBER Section 3.1.13	
b. END DATE (YYYYMMDD): Section 3.1.10	<input type="checkbox"/> PROCUREMENT	REPORT AS OF (YYYYMMDD) Section 3.1.14	
	<input type="checkbox"/> O&M	DATE PREPARED (YYYYMMDD) Section 3.1.15	
NAME (Last, First, Middle Initial) Section 3.1.15	Department Section 3.1.15	Telephone (Include Area Code) Section 3.1.15	EMAIL ADDRESS Section 3.1.15
DEVELOPMENT ORGANIZATION Section 3.1.16	SOFTWARE PROCESS MATURITY Section 3.1.17	LEAD EVALUATOR Section 3.1.17	
	CERTIFICATION DATE Section 3.1.17	EVALUATOR AFFILIATION Section 3.1.17	
PRECEDENTS (List up to five similar systems by the same organization or team.) Section 3.1.18			
SRDR DATA DICTIONARY FILENAME Section 3.1.19			
COMMENTS Section 3.1.20			



**Estimated** Functional Requirements  
**Estimated** External Interfaces  
**Estimated** Peak Staff  
 Application Domain  
 ...

\*Required for new US DoD software development contracts ... over \$20M USD

# Example Pairwise Correlation Analysis

	Actual Effort	Actual Duration	Estimated Total REQ	Actual Total REQ	Estimated New REQ	Actual New REQ	Estimated Effort	Actual Peak Staff	Estimated Peak Staff
Actual Effort	1.0	0.6	0.7	0.7	0.7	0.5	0.6	0.4	0.4
Actual Duration	0.6	1.0	0.4	0.4	0.5	0.3	0.2	-0.2	-0.2
<b>Estimated Total Requirement</b>	<b>0.7</b>	0.4	1.0	0.9	0.9	0.7	0.6	0.2	0.2
<b>Actual Total Requirement</b>	<b>0.7</b>	0.4	<b>0.9</b>	1.0	0.8	0.8	0.6	0.3	0.3
<b>Estimated New Requirement</b>	<b>0.7</b>	0.5	<b>0.9</b>	<b>0.8</b>	1.0	0.9	0.7	0.2	0.2
Actual New Requirement	0.5	0.3	0.7	<b>0.8</b>	<b>0.9</b>	1.0	0.5	0.5	0.4
Estimated Effort	0.6	0.2	0.6	0.6	0.7	0.5	1.0	0.6	0.6
Actual Peak Staff	0.4	-0.2	0.2	0.3	0.2	0.5	0.6	1.0	1.0
Estimated Peak Staff	0.4	-0.2	0.2	0.3	0.2	0.4	0.6	<b>1.0</b>	1.0
RVOL	0.1	0.1	0.0	0.0	0.5	0.2	0.1	0.1	0.1
Scope	0.2	-0.1	0.1	0.1	0.4	0.3	0.1	0.4	0.4

Strong Correlation
  Moderate Correlation
  Weak Correlation