

# Defense Cost and Resource Center



## *Contractor Cost and Software Data Reporting: An Update*

*Ron Lile  
April 2004*

**The On-line  
DoD Cost  
Research  
Library**

**Enhancing DoD Cost Analysis**

**The Defense Cost and Resource Center**  
1111 Jefferson Davis Hwy, Suite 500  
Arlington, Virginia 22202  
Phone: 703.602.3301 Fax: 703.602.8944  
<http://dcarc.pae.osd.mil>

# Outline

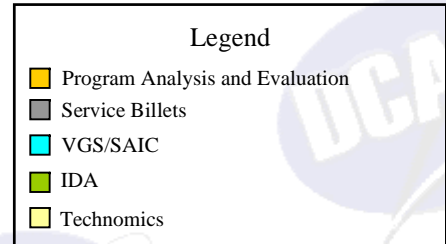
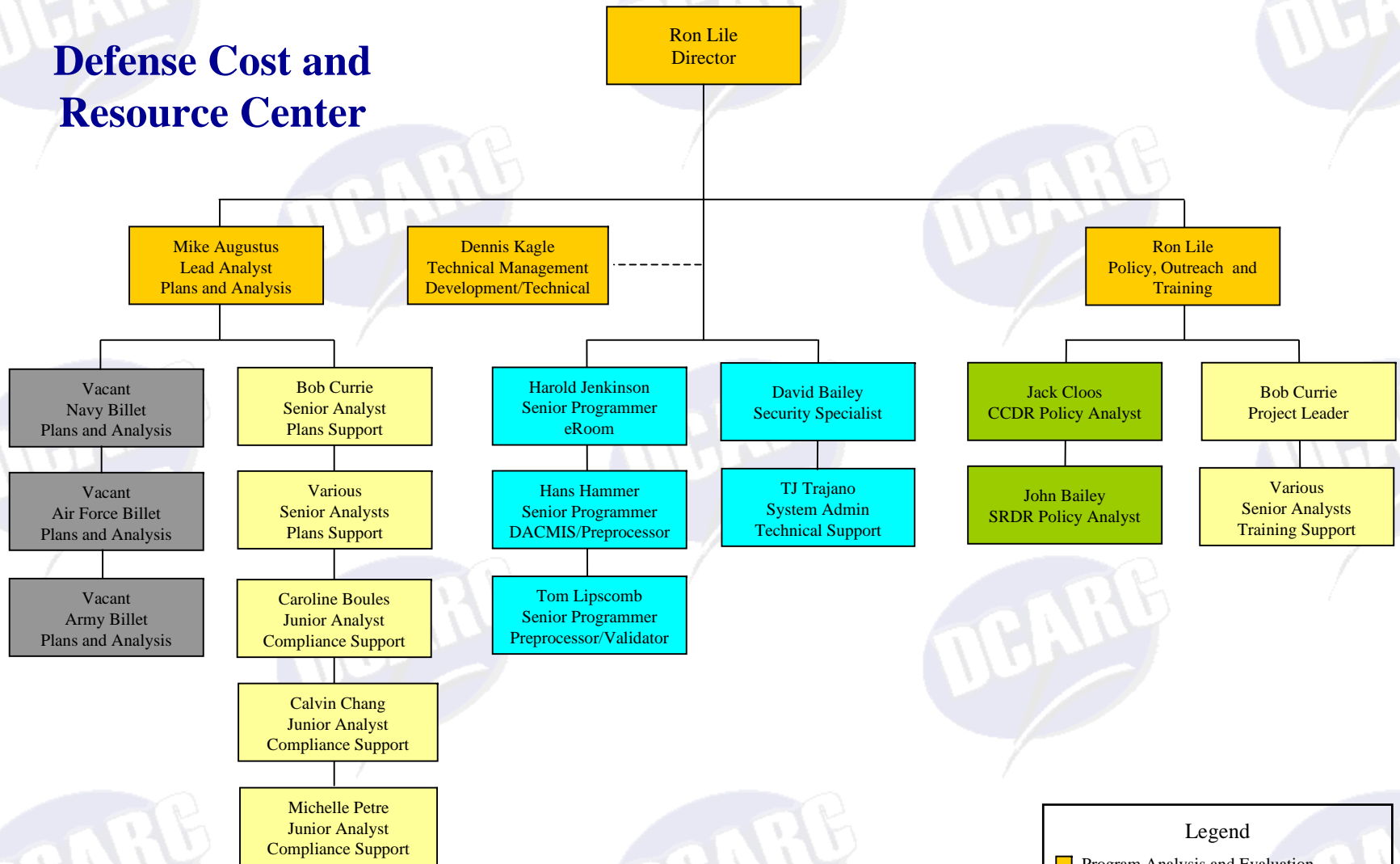
- ◆ Recent Changes
- ◆ CSDR Status
- ◆ DAES Reporting
- ◆ Automation
- ◆ Training



# Under Revision

- DoDD 5000.4 “OSD Cost Analysis Improvement Group (CAIG)”
  - Paragraph 4.2.8
- DoD 5000.2-R “Mandatory Procedures for Major Defense Acquisition Programs (MDAPs) and Major Automated Information Systems (MAIS)”
  - Will become a guidebook
- DoD 5000.4M “Cost Analysis Guidance and Procedures”
  - Requires same WBS in CARD and CSDR Plan
  - Section 12 of CARD - CSDR Plan
- DoD 5000.4M-1 “Contractor Cost Data Reporting Manual”
  - Interim Guidance for CCDR and SRDR effective
    - Signed February 20, 2004
  - New name: “Contractor Cost and Software Resource Manual”
    - Submitted to PA&E Leadership
    - Official & Final coordination to start soon

# Defense Cost and Resource Center



# January 2004: ACAT 1 CCDR Status

Pre-MDAP Programs	Pre-Milestone B Programs	Active Programs w/CAIG Approved CSDR Plans & Incoming Data	Active Programs w/Program Office Engaged in CSDR Plan Development	Active Programs w/CAIG Approved CSDR Plans & Data Issues	Active Programs w/o CAIG Approved CSDR Plans & Data Issues	Programs w/CAIG Approved Waivers	Post MDAP Programs
<b>ACS***</b> <b>ADS</b> <b>AOC-WS</b> <b>B-2 RPP</b> <b>BAMS</b> <b>CH-53X</b> <b>CM***</b> <b>DCGS ARMY</b> <b>E/A-18G**</b> <b>E-10A</b> <b>GCCS-AF</b> <b>GCSS-A</b> <b>JLENS</b> <b>JOINT UCAS</b> <b>JPALS</b> <b>JTRS CLUSTER 3</b> <b>JTRS CLUSTER 4</b> <b>KC-767</b> <b>KI</b> <b>LCS</b> <b>LHA(R)</b> <b>MKV</b> <b>MMA**</b> <b>MPF(F)</b> <b>MPS</b> <b>NATO SATCOM</b> <b>PREDATOR B</b> <b>PRV</b> <b>SBR**</b> <b>SBSS</b> <b>SDB**</b> <b>SM-6 (ERAM)**</b> <b>T-AOE(X)</b> <b>TSAT*</b> <b>VXX</b>	<b>ABB</b> <b>ABL</b> <b>COBRA JUDY*</b> <b>CVN-21</b> <b>HPCM</b> <b>JTRS CLUSTER 5</b> <b>MEADS**</b> <b>MP RTIP*</b> <b>MUOS*</b> <b>STSS</b>	<b>AARGM (SDD)</b> <b>E-2C REPROD</b> <b>HIMARS</b> <b>JAVELIN</b> <b>JSTARS</b> <b>JTRS WAVEFORMS</b> <b>JTRS CLUSTER 1</b> <b>Longbow Hellfire</b> <b>TAC TOMAHAWK</b> <b>WIN-T*</b>	<b>AEGIS BMD</b> <b>E-2C ADV Hawkeye</b> <b>GMLR (LRIP)</b> <b>USMC H-1 (LRIP)</b>	<b>AAV</b> <b>AEHF</b> <b>AESA</b> <b>ATIRCM/CMWS</b> <b>AWACS RSIP</b> <b>B-1 CMUP</b> <b>C-130 AMP</b> <b>C-5 RERP</b> <b>CEC</b> <b>CH-47F</b> <b>DD(X)</b> <b>F-35</b> <b>FBCB2</b> <b>FCS</b> <b>FMTV</b> <b>GBS</b> <b>GLOBAL HAWK</b> <b>GMD</b> <b>JASSM (EMD)</b> <b>JDAM (EMD)</b> <b>JSOW</b> <b>MCS (ATCCS)</b> <b>MH-60S</b> <b>MM III GRP</b> <b>NAVSTAR GPS</b> <b>NPOESS</b> <b>PATRIOT PAC-3</b> <b>RAH-66</b> <b>SBIRS HIGH</b> <b>STRYKER</b> <b>T-45 TS</b> <b>THAAD</b> <b>UH-60M</b> <b>V-22</b>	<b>ABRAMS UPGRADE</b> <b>AIM-9X</b> <b>AMRAAM</b> <b>ASDS</b> <b>B-2A</b> <b>BRADLEY UPGRADE</b> <b>C-17A</b> <b>EXCALIBUR</b> <b>F/A-18 E/F</b> <b>F/A-22</b> <b>JPATS (PROD)</b> <b>LAND WARRIOR</b> <b>Longbow Apache</b> <b>LPD-17</b> <b>MH-60R</b> <b>MM III PRP</b> <b>NESP</b> <b>SM 2</b> <b>SSGN</b> <b>SSN 774</b> <b>TRIDENT II</b>	<b>CHEM DEMIL</b> <b>C-130J</b> <b>CVN-77</b> <b>DDG 51</b> <b>EELV</b> <b>JASSM (LRIP)</b> <b>JDAM (LRIP)</b> <b>JPATS (EMD)</b> <b>LHD 1</b> <b>MIDS-LVT</b> <b>NAS</b> <b>T-AKE</b> <b>WGS</b>	<b>AV-8B</b> <b>CGS</b> <b>DMSP</b> <b>MILSTAR</b> <b>SMART T</b> <b>SQQ-89</b> <b>TITAN IV</b>
35	10	10	4	34	21	13	7
<b>TOTAL PROGRAMS</b>	<b>134</b>						
<b>AT&amp;L</b>	<b>93</b>						
<b>C3I</b>	<b>17</b>						
<b>MDA</b>	<b>10</b>						
<b>SPACE</b>	<b>14</b>						

\*-CAIG Approved Program CSDR Plan

\*\*-Program Office engaged in Program CSDR Plan Development

\*\*\*-CARD missing CSDR Plans. Program Office non-responsive

**Programs Never Designated ACAT iD**

Note: Data based on USD(AT&L) Memo dated July 1, 2003 re Addendum to FY2003 MDAP Lists

# Initial DAES GRP A/B/C CCDR Status

Pre-MDAP Programs	Pre-Milestone B Programs	Active Programs w/CAIG Approved CSDR Plans & Incoming Data	Active Programs w/Program Office Engaged in CSDR Plan Development	Active Programs w/CAIG Approved CSDR Plans & Data Issues	Active Programs w/o CAIG Approved CSDR Plans & Data Issues	Programs w/CAIG Approved Waivers	Post MDAP Programs
ACS*** ADS AOC-WS B-2 RPP BAMS CH-53X CM*** DCGS ARMY EA-18G** E-10A GCCS-AF GCCS-A JLENS JOINT UCAS JPALS JTRS CLUSTER 3 JTRS CLUSTER 4 KC-767 KI LCS LHA(R) MKV MMA** MPF(F) MPS NATO SATCOM PREDATOR B PRV SBR** SBSS SDB** SM-6 (ERAM)** T-AOE(X) TSAT* VXX	ABB ABL COBRA JUDY* CVN-21 HPCM JTRS CLUSTER 5 MEADS** MP RTIP* MUOS STSS	AARGM (SDD) E-2C REPROD HIMARS JAVELIN JSTARS JTRS WAVEFORMS* JTRS CLUSTER 1 LONGBOW HELLEFIRE TAC TOMAHAWK WIN-T*	AEGIS BMD E-2C ADV HawkEye GMLRS (LRIP) USMC H-1 (LRIP)	AAAV AEHF AESB ATIRCM/CMWS AWACS RSIP B-1 GMUP C-130 AMP C-5 RERP CEC CH-47F DD(X) E-35 FBCB2 FCS FMTV GBS GLOBAL HAWK GMD JASSM (EMD) JDAM (EMD) JSOW MCS (ATCCS) MH-60S MM III GRP NAVSTAR GPS NP3555 PATRIOT PAC-3 RAH-66 SBIRS HIGH STRYKER T-45 TS THAAD UH-60M V-22	ABRAMS UPGRADE AIM-9X AMRAAM ASDS B-2A BRADLEY UPGRADE C-17A EXCALIBUR F/A-18 E/F F/A-22 JPATS (PROD) LAND WARRIOR LONGBOW APACHE LPD-17 MH-60R MM III PRP NESP SM-2 SSGN SSN 774 TRIDENT II	CHEM DEMIL C-130J CVN-77 DDG-51 EELV JASSM (LRIP) JDAM (LRIP) JPATS (EMD) LEO I MIDS-LVT NAS T-AKE WGS	AV-8B CGS DMSP MILSTAR SMART T SQQ-89 TITAN IV
35	10	10	4	34	21	13	7
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# April 2004: ACAT 1 CCDR Status

Pre-MDAP Programs	Pre-Milestone B Programs	Active Programs w/CAIG Approved CSDR Plans & Incoming Data	Programs w/Program Office Engaged in CSDR Plan Development	Active Programs w/CAIG Approved CSDR Plans & Data Issues	Active Programs w/o CAIG Approved CSDR Plans & Data Issues	Programs w/CAIG Approved Waivers	Post MDAP Programs
<b>ACS*</b> <b>ADS</b> <b>AOC-WS</b> <b>B-2 RPP</b> <b>BAMS</b> <b>CH-53X</b> <b>CM*</b> <b>DCGS ARMY</b> <b>E/A-18G*</b> <b>E-10A</b> <b>GCCS-AF</b> <b>GCCS-A</b> <b>JLENS</b> <b>JOINT UCAS</b> <b>JPALS</b> <b>JTRS CLUSTER 3</b> <b>JTRS CLUSTER 4</b> <b>KC-767</b> <b>KI</b> <b>LCS</b> <b>LHA(R)</b> <b>MKV</b> <b>MMA*</b> <b>MPF(F)</b> <b>MPS</b> <b>NATO SATCOM</b> <b>PREDATOR B</b> <b>PRV</b> <b>SBR</b> <b>SBSS</b> <b>SDB*</b> <b>SM-6 (ERAM)*</b> <b>T-AOE(X)</b> <b>TSAT*</b> <b>VXX</b>	<b>ABB</b> <b>COBRA JUDY*</b> <b>CVN-21</b> <b>HPCM</b> <b>JTRS CLUSTER 5</b> <b>MEADS</b> <b>MP RTIP*</b> <b>MUOS*</b>	<b>AARGM (SDD)</b> <b>E-2C ADV Hawkeye</b> <b>GMLRS</b> <b>HIMARS</b> <b>JAVELIN</b> <b>JSTARS</b> <b>JTRS WAVEFORMS</b> <b>JTRS CLUSTER 1</b> <b>LONGBOW HELLFIRE</b> <b>TAC TOMAHAWK</b> <b>WIN-T</b>	<b>AAAV</b> <b>AEGIS BMD</b> <b>ATIRCM/CMWS</b> <b>B-2 RPP</b> <b>C-130J</b> <b>CVN-21</b> <b>DD(X)</b> <b>E-2C REPROD</b> <b>EELV</b> <b>EXCALIBUR</b> <b>F/A-18E/F</b> <b>F/A-22</b> <b>F-35</b> <b>FCS</b> <b>FMTV</b> <b>JLENS</b> <b>JSOW</b> <b>JTRS CLUSTER 3</b> <b>JTRS CLUSTER 4</b> <b>JTRS CLUSTER 5</b> <b>LCS</b> <b>MEADS</b> <b>MH-60R</b> <b>MH-60S</b> <b>PATRIOT PAC-3</b> <b>SSGN</b> <b>STRYKER</b> <b>UH-60M</b> <b>V-22</b>	<b>AAV</b> <b>AEHF</b> <b>AESA</b> <b>ATIRCM/CMWS</b> <b>AWACS RSIP</b> <b>B-1 CMUP</b> <b>C-130 AMP</b> <b>C-5 RERP</b> <b>CEC</b> <b>CH-47F</b> <b>DD(X)</b> <b>E-2C REPROD</b> <b>F-35</b> <b>FBCB2</b> <b>FCS</b> <b>FMTV</b> <b>GBS</b> <b>GLOBAL HAWK</b> <b>GMD</b> <b>JASSM (EMD)</b> <b>JDAM (EMD)</b> <b>JSOW</b> <b>MCS (ATCCS)</b> <b>MH-60S</b> <b>MM III GRP</b> <b>NAVSTAR GPS</b> <b>NPOESS</b> <b>PATRIOT PAC-3</b> <b>RAH-66</b> <b>SBIRS HIGH</b> <b>STRYKER</b> <b>T-45 TS</b> <b>THAAD</b> <b>UH-60M</b> <b>USMC H-1</b> <b>V-22</b>	<b>ABRAMS UPGRADE</b> <b>ABL</b> <b>AEGIS BMD</b> <b>AIM-9X</b> <b>AMRAAM</b> <b>ASDS</b> <b>B-2A</b> <b>BRADLEY UPGRADE</b> <b>C-17A</b> <b>EXCALIBUR</b> <b>F/A-18 E/F</b> <b>F/A-22</b> <b>LAND WARRIOR</b> <b>LONGBOW APACHE</b> <b>LPD-17</b> <b>MH-60R</b> <b>MM III PRP</b> <b>NESP</b> <b>SM 2</b> <b>SSGN</b> <b>SSN 774</b> <b>STSS</b> <b>TRIDENT II</b>	<b>CHEM DEMIL</b> <b>C-130J</b> <b>CVN-77</b> <b>DDG 51</b> <b>EELV</b> <b>JASSM (LRIP)</b> <b>JDAM (LRIP)</b> <b>JPATS</b> <b>LHD 1</b> <b>MIDS-LVT</b> <b>NAS</b> <b>T-AKE</b> <b>WGS</b>	<b>AV-8B</b> <b>CGS</b> <b>DMSP</b> <b>MILSTAR</b> <b>SMART T</b> <b>SQQ-89</b> <b>TITAN IV</b>
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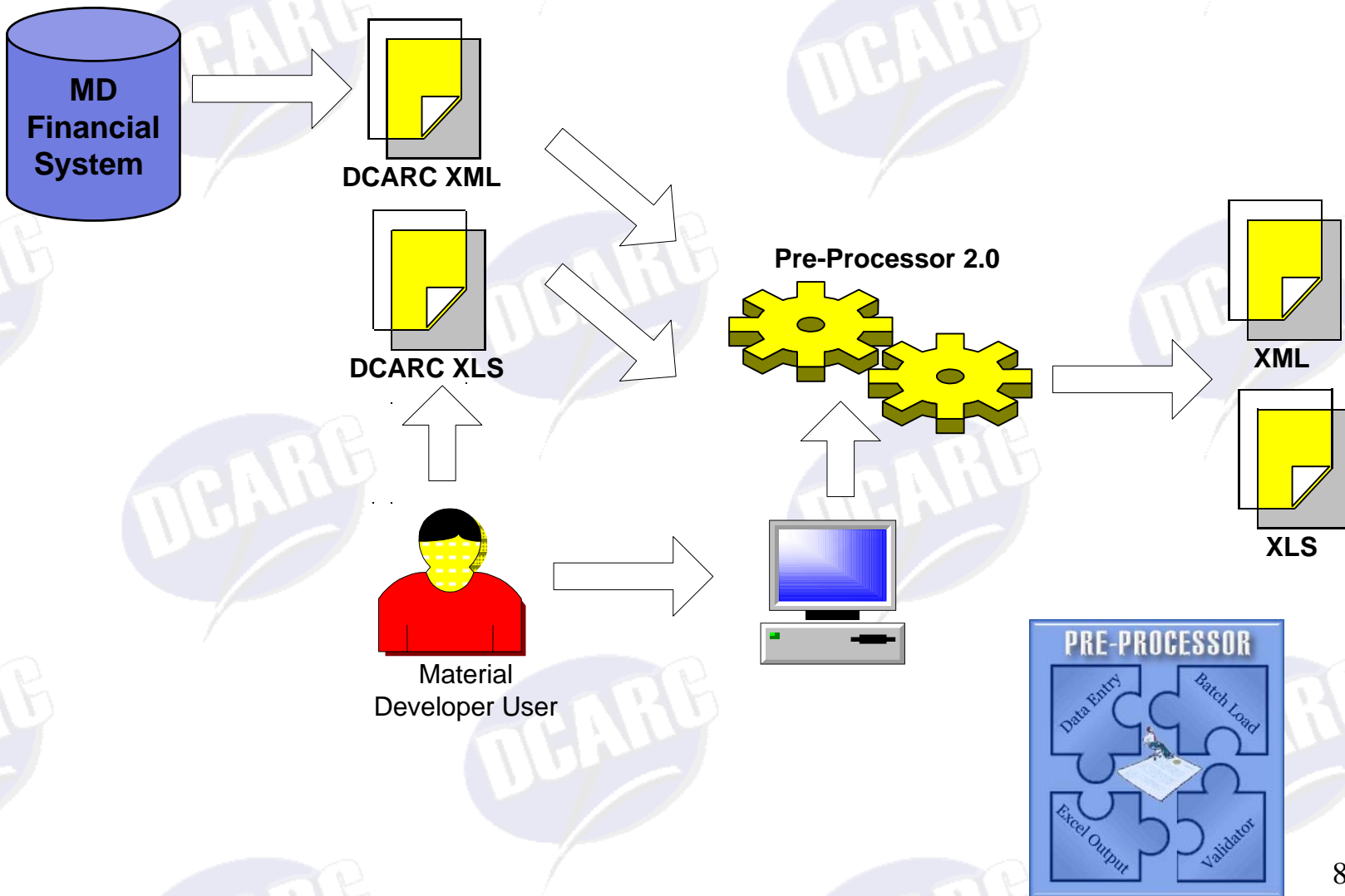
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Programs Never Designated ACAT ID

Note: Data based on USD(AT&L) Memo dated July 1, 2003 re Addendum to FY2003 MDAP Lists

# Next Generation Validation

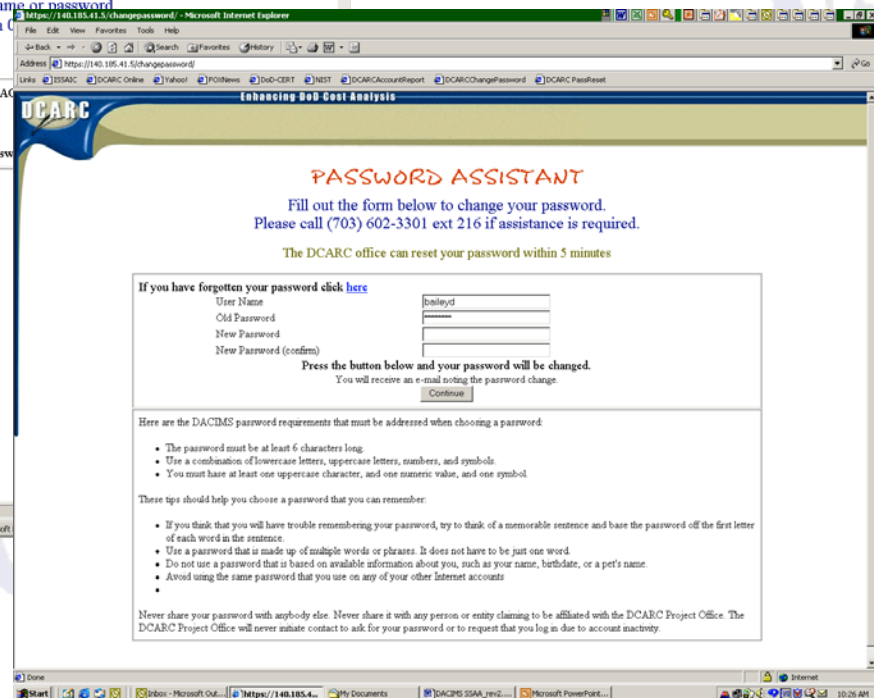
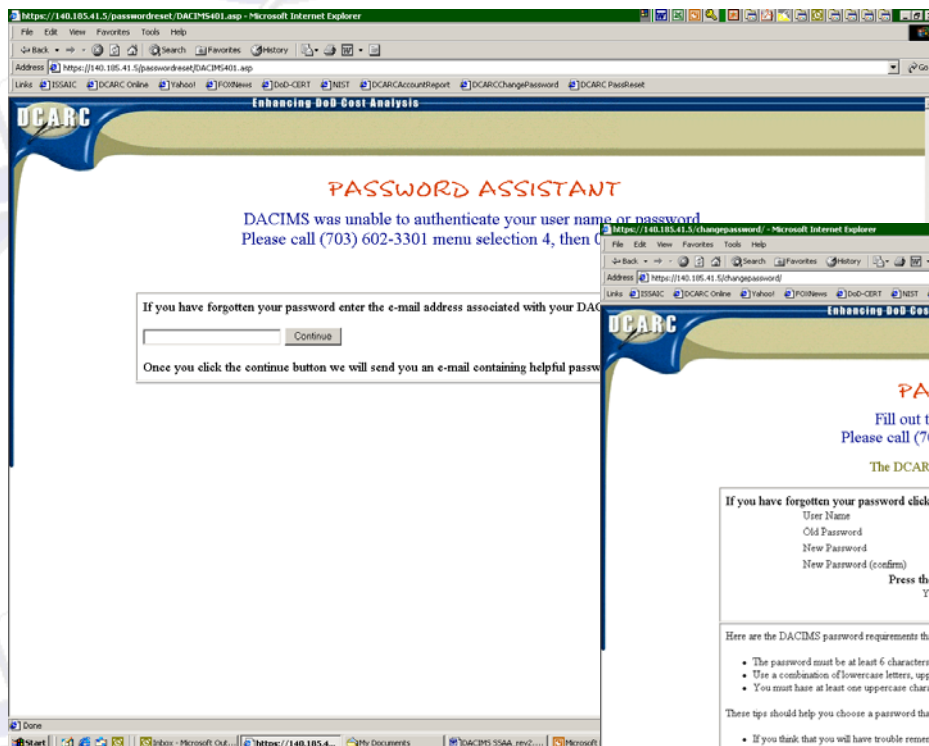
## Desktop Application: Input, Process, and Validate Data





# DACIMS

- ◆ Addition of the SRDR and FPR libraries
- ◆ Password Assistance Tools
- ◆ Material Developer File Uploader (in test)



# eRoom

My eRooms > Compliance Program > Compliance Scorecard

- map search tasks X
- Compliance Program**
  - \* Reports
  - PDRR (Mike Augustus)
    - Rockwell
    - Mason & Hanger
    - Martin Marrietta
    - Longbow Limited
  - Calendar
  - Compliance Scorecard
  - Program Goals & Overview
  - Program Issues Tracker
  - Program Reference
    - Compliance Team Contact List
  - Helpful Links
    - Org Chart
  - Program Document Library
    - Templates
  - DCARC-IS Data

### Longbow Limited Liability Company (LLC)

a database entry created by eRoom on 20 Jun 03

previous summary

Status	Received Initial Report
Topic	Report Validation
Question	Mike, Have you validated this report yet?
Response	Report has been thru automated validation. I added comments to the validation report here <a href="#">Validation Reports</a>
Contact	Mike Augustus
Created	18 Jun 2003

Attachments	Name	Modified
<input checked="" type="checkbox"/>	1921, 1921, 1921-1 XML File.xml	20 Jun 03 1

### PROJECT PLAN: Longbow Hellfire - Missile System

a project plan created by eRoom on 22 Jan 03

new task | all tasks | ungrouped | in weeks | back | next | start chart on 8/1/2003 | go | today

Longbow Limited Liability Company (LLC)  
Value: \$327,300,000, Qty: 10,397  
Reports: 1921, 1921-1, 1921

task remaining task done not counted milestone

Task	ID	Dur.	Δ
<b>All tasks 13</b>			
<input type="checkbox"/> Contract Award		0d	
<input type="checkbox"/> Draft Plan		30d	
<input type="checkbox"/> Draft CWBS		30d	
<input type="checkbox"/> Draft CWBS Dictionary		30d	
<input type="checkbox"/> Draft Software Plan		30d	
<input type="checkbox"/> Final Plan Date		60d	
<input type="checkbox"/> Final CWBS		60d	
<input type="checkbox"/> Final CWBS Dictionary		60d	
<input type="checkbox"/> Final Software Plan		60d	
<input type="checkbox"/> CDRL Due		30d	
<input type="checkbox"/> Intial Report		180d	

new task | notification | export | import  
select all | cut | copy | copy link | paste | delete | mark read

Conceptual Diagrams

# New Training Vision

- ◆ More robust approach to training
- ◆ More active role in training sessions
  - Material Developers
  - Gov't (CAIG/Cost Analysts)
  - PEO/PMs
- ◆ Organized around MIL-HDBK-881 Categories
- ◆ Hosted by either material developers or PEO/PMs
  - Open to ALL material developers



# 2-day Schedule

- ◆ Day 1: Presentations
  - Gov't Presentations:
    - DCARC: Overview
    - CAIG/Cost Centers: Examples of how CSDR data are used
    - Others as appropriate
  - Industry Presentations:
    - Industry's perspective on CSDRs
    - Real world examples of EVMS vs CSDR reporting
    - Commodity specific lessons learned
    - Others as appropriate
  - Social gathering
- ◆ Day 2: Breakout sessions
  - Material developer specific concerns



# Proposed Training Schedule

DATE	MIL-HDBK-881	CY04	CY05	CY06	CY07
Jan-Mar	<ul style="list-style-type: none"> <li>◆ Space</li> <li>◆ Software</li> </ul>		<ul style="list-style-type: none"> <li>• Lockheed Martin Sunnyvale, CA</li> <li>• Lockheed Martin Sunnyvale, CA</li> </ul>	<ul style="list-style-type: none"> <li>• Boeing Huntington Beach, CA</li> </ul>	<ul style="list-style-type: none"> <li>◆ SMC Los Angeles, CA</li> <li>◆ SMC Los Angeles, CA</li> </ul>
Apr-Jun	<ul style="list-style-type: none"> <li>• Aircraft</li> <li>• Elec/Auto Soft</li> <li>• Software</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lockheed Martin Ft. Worth, TX (August 2004)</b></li> <li>• Northrop Grumman ??????</li> </ul>	<ul style="list-style-type: none"> <li>• Sikorsky Aircraft Stratford, CT</li> <li>• Raytheon Tewksbury, MA</li> <li>• Sikorsky Aircraft Stratford, CT</li> </ul>	<ul style="list-style-type: none"> <li>• Boeing Louis, MO St.</li> <li>• CECOM Ft Monmouth, NJ</li> <li>• CECOM Ft. Monmouth, NJ</li> </ul>	<ul style="list-style-type: none"> <li>◆ BHTI Ft. Worth, TX</li> <li>◆ BAE Systems Nashua, NH</li> </ul>
Jul-Sep	<ul style="list-style-type: none"> <li>• Missiles/Ordnance</li> <li>◆ Ships</li> <li>◆ Software</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Raytheon Tucson, AZ (September 2004)</b></li> <li>• NGSS Newport News, VA</li> <li>• <b>Raytheon Tucson, AZ (September 2004)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Boeing St. Louis, MO</li> <li>• General Dynamics Groton, Ct</li> </ul>	<ul style="list-style-type: none"> <li>◆ AMCOM Huntsville, AL</li> <li>• NGSS Pascagoula, MS</li> <li>◆ NGSS Pascagoula, MS</li> </ul>	<ul style="list-style-type: none"> <li>◆ ATK Edina, MN</li> <li>◆ NGSS Newport News, VA</li> </ul>
Oct-Dec	<ul style="list-style-type: none"> <li>◆ Surface Vehicles</li> <li>◆ Ships</li> </ul>	<ul style="list-style-type: none"> <li>◆ TACOM Warren, MI</li> <li>• NGSS New Orleans, LA</li> </ul>	<ul style="list-style-type: none"> <li>• GDLS Warren, MI</li> </ul>	<ul style="list-style-type: none"> <li>◆ TACOM Detroit, MI</li> </ul>	<ul style="list-style-type: none"> <li>◆ UDLP Minneapolis, MN</li> </ul>

## For Next Time

- ◆ Changes in DAES Reporting
- ◆ eRoom Status
- ◆ Pre-processor and Validator Status
- ◆ Training Update

