

Acronyms

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3GL	third-generation language
4GL	fourth-generation language
5GL	fifth-generation language

A

A&I	analysis and integration
AAM	application architectural model
AAS	Advanced Automated System (FAA)
ABBET	A Broad-Based Environment for Test
ABICS	Ada-Based Integrated Control System
ACAT I	Programs that are MDAPs designated Acquisition Category I by the MDA and having two subcategories, ACAT ID and ACAT IC.
ACAT IA	Programs that are MAISs designated by the ASD (C3I) and having two subcategories, ACAT IAM and ACAT IAC
ACAT IAC	MAISs for which the MDA is the CIO of DoD (ASC C3I)
ACAT IC	MDAPs for which the MDA is the DoD Component Head or if delegated the DoD CAE
ACAT ID	MDAPs for which the MDA is the USD (AT&L).
ACC	Air Combat Command
ACEC	Ada Compiler Evaluation Capability
ACM	Association for Computing Machinery
ACT	Advanced Computer Technology (Program) Analysis of Complexity Tool
ACAT	Advanced Concept Technical Demonstrations
ACO	Administrative Contracting Officer
ACTD	Advanced Concept Technology Demonstration
ACVC	Ada Compiler Validation Capability
ACWP	actual cost of work performed
ADAGE	Avionics Domain Application Generation Environment
AdaIC	Ada Information Clearinghouse
ADARTS	Ada-based Design Approach for Real-Time Systems
ADM	Acquisition Decision Management
ADP	automated data processing
ADPA	American Defense Preparedness Association
AEA	American Electronics Association
AES	Ada Evaluation System
AETC	Air Education and Training Command
AF	Air Force
AFAC	Air Force Advisory Committee
AFAM	Air Force Acquisition Model
AFB	Air Force Base
AFC2S	Air Force Command and Control System
AFCAA	Air Force Cost Analysis Agency
AFCC	Air Force Communications Command
AFCEA	Armed Forces Communications and Electronics Association
AFI	Air Force Instruction
AFIT	Air Force Institute of Technology

AFLIF	Air Force Logistics Information File
AFMC	Air Force Materiel Command
AFMCP	Air Force Materiel Command Pamphlet
AFOTEC	Air Force Operational Test and Evaluation Center
AFP	Air Force Pamphlet (also AFPAM)
AFPAM	Air Force Pamphlet (also AFP)
AFR	Air Force Regulation
AFSC	Air Force Systems Command
AFSCN/CUE	Air Force Satellite Control Network Common User Element
AFSPACECOM	Air Force Space Command
AFSPC	Air Force Space Command
AGM 114	HELLFIRE Tactical Missile
AI	artificial intelligence
AIA	Aerospace Industries Association
AIS	automated information system
AIMS	adopted information technology standards
AJPO	Ada Joint Program Office
ALC	Air Logistics Center
ALU	arithmetic logic unit
AMRAAM	Advanced Medium Range Air-to-Air Missile
AMSDL	Acquisition Management System Data Requirements Control List
ANSI	American National Standards Institute
AOA	Analysis of Alternatives
APB	acquisition program baseline
API	application program interface
APL	Applied Physics Laboratory
APP	application portability profile
APSE	Ada programming support environment
ARPA	Advanced Research Projects Agency
ASC	Aeronautical Systems Center (USAF)
ASC/SEE	Aeronautical Systems Center/Software Engineering Environment
ASD	Acquisition Support Division (USAF)
ASIS	Ada Semantic Interface Specification
ASRRC	Avionics System Requirements Review Conferences
ASSET	Asset Source for Software Engineering Technology
ASSIST	Acquisition Streamlining and Standardization Information System
ASST-R	Analytic Software Sizing Tool—Real-time
ATE	Automated Test Equipment
ATF	Advanced Tactical Fighter
AWACS	Airborne Warning and Control System
AWNAM	Automated Weather Network Communications

B

B&P	Bid & Proposal
BAA	Broad Agency Announcement
BAFO	best and final offer
BAT	Battlemap Analysis Tool
BCWP	budgeted cost of work performed
BCWS	budgeted cost of work scheduled
BES	budget estimate submission
BLS	Bureau of Labor Statistics
BLSM	Base-Level Systems Modernization (USAF)
BMD	Ballistic Missile Defense
BPG	Baseline Process Guide
BPR	business process engineering

C

C/SCSC	Cost/Schedule Control System Criteria
C/SSR	Cost/Schedule Status Report
C2	command and control
C3	command, control, and communications
C3I	command, control, communications, and intelligence
C4	command, control, communications, and computers
C4I	command, control, communications, computers, and intelligence
C4IFTW	command, control, communications, computers, and intelligence for the Warrior
C4ISR	command, control, communications, computers, intelligence, surveillance, and reconnaissance
CAATS	Canadian Automated Air Traffic Control System
CAD	Computer-Aided Design
CAID	Clear Accountability in Design
CAIV	Cost of an Independent Variable
CALS	Continuous Acquisition and Life-cycle Support
CAM	Computer-Aided Manufacturing
CARD	Cost Analysis Requirements Document
CARDS	Comprehensive Approach for Reusable Defense Software
CASE	computer-aided software engineering
CAST	computer-aided software testing
CBA-IPI	CMM SM Base Appraisal — Internal Process Improvement
CBD	Commerce Business Daily
CCA	circuit card assembly Clinger-Cohen Act
CCPDS-R	Command Center Processing and Display System - Replacement
CD	critical defect
CDA	Central Design Activity (Agency) Commercial Derivative Aircraft
CDE	Commercial Derivative Engine
CDR	Critical Design Review

CDRL	Contract Data Requirements List
CE	Concept Exploration concurrent engineering
CECOM	Communications Electronics Command (Army)
CENTCOM	Central Command
CEO	chief executive officer
CER	cost estimating relationship
CES	Commander's Estimate of the Situation (Navy)
CFO	Chief Financial Officer
CI	communications interface configuration item
CID	commercial item description
CIM	Corporate Information Management
CIO	Chief Information Officer
CIO Act	Clinger-Cohen Act
CJCS	Chairman, Joint Chiefs of Staff
CLIN	Contract Line Item Number
CLS	contractor logistics support
CM	configuration management
CMI	continuous measurable improvement
CMM SM	Capability Maturity Model
CMMi	Software, Systems Engineering & Integrated Product Development Model
CMOS	Cargo Management Operations System
CMU/SEI	Carnegie-Mellon University/Software Engineering Institute
CMUP	Conventional Mission Upgrade Program (B-1B Bomber)
CNAM	Conservatoire Nationale des Arts et Metiers
COBOL	Common Business Oriented Language
COCOMO	COConstructive COst MOdel
COE	common operating environment
COFT	Conduct of Fire Trainer
COM	Computer Operations Manual
COMPES	Contingency Operations/Mobility Planning and Execution System
COP	Current Operating Plan
CORBA	Common Object Request Broker Architecture
COTS	commercial-off-the-shelf
CPAF	cost-plus-award-fee
CPAR	Contractor Performance Assessment Report
CPI	cost performance index
CPFF	cost-plus-fixed-fee
CPIF	cost-plus-incentive-fee
CPM	cost performance measure
CPR	Cost Performance Report
CPU	central processing unit
CRCB	Computer Resources Control Board
CRD	Capstone Requirements Document
CRISD	Computer Resources Integrated Support Document
CRLCMP	Computer Resources Life Cycle Management Plan
CRM	Continuous Risk Management
CRTT	Computer Resource Technology Transition

CRWG	Computer Resources Working Group
CSAD	Computer Systems Authorization Directory
CSC	computer software component
CSCI	computer software configuration item
CSGA	Computer Systems Group Software
CSOM	Computer System Operator's Manual
CSRB	Computer Systems Requirement Board
CSU	computer software unit
CTS	COHESION™ Team/SEE

D

DAA	Defense Auditing Agency
DAB	Defense Acquisition Board
DAC	Designated Acquisition Commander
DACS	Data & Analysis Center for Software
DAES	Defense Acquisition Executive Summary
DAL	data accessions list
DAPP	Defense Acquisition Pilot Programs
DAR	Defense Acquisition Regulations
DCAA	Defense Contracts Audit Agency
DCE	distributed computing environment
DCMC	Defense Contract Management Command
DDN	Defense Data Network
DDR&E	Director of Defense Research and Engineering
DEG	document evaluation guidelines
Dem/Val	Demonstration/Validation
DFARS	Defense Federal Acquisition Regulation Supplement
DFAS	Defense Financial Audit Service
DI	data item
DIA	Defense Intelligence Agency
DID	data item description
DII COE	Defense Information Infrastructure Common Operating Environment
DIM	Defense Information Management
DIS	Distributed Interactive Simulation
DISA	Defense Information Systems Agency
DISN	Defense Information Systems Network
DIST	Defense Integration Support Tools
DLA	Defense Logistics Agency
DMA	Defense Material Administration (Netherlands)
DMM	dynamic memory management
DMMIS	Depot Management Information System (DMMIS) (USAF)
DMP	Data Management Plan
DMRD	Defense Management Report Decision
DMSP	Defense Meteorological Satellite Program
DNA	Defense Nuclear Agency
DoD	Department of Defense
DoDD	DoD Directive

DoDI	DoD Instruction
DoDISS	Department of Defense Index of Specifications and Standards
DoDM	DoD Manual
DPA	Delegation of Procurement Authority
DPG	Defense Planning Guidance
DPR	Defense Performances Review
DPSC	Defense Personnel Support Center
DRI	Defense Reform Initiative
DRM	domain requirements model
DS	Database Specification
DSB	Defense Science Board
DSE	Deputy for Software Engineering Deputy for Software Evaluation
DSIC	Defense Standards Improvement Council
DSLOC	Delivered Source Lines-of-Code
DSMC	Defense Systems Management College
DSP	digital signal processor
DSRS	Defense Software Repository System
DSSA	domain-specific software architecture
DT	developmental testing
DT&E	developmental test and evaluation
DTIC	Defense Technical Information Center

E

E2	Electromagnetic Environment
E3	Electromagnetic Environment Effects
EAC	estimate at completion
EAP	Evolutionary Acquisition Phases
EC/EDI	Electronic Commerce/Electronic Data Interchange
ECP	Engineering Change Proposal
ECS	embedded computer system
EDI	electronic data interchange
EDR	Evolutionary Decision Review
EDS	Electronic Data Systems
EEI	external environment interface
EIA	Electronics Industries Association
ELSA	Electronic Library Services and Applications
EMD	Engineering and Manufacturing Development
EMX	electronic mobile exchange
EOA	early operational assessments
EPIP	Evolutionary Phase Implementation Plan
EPROM	erasable programmable read-only memory
E-R	entity-relationship
ERD	entity-relationship diagram
ESC	Electronic Systems Center (USAF)
ESD	Electronic Systems Division (now ESC)
ESIP	Embedded Computer Resources Support Improvement Program

ESLOC	Equivalent Source Lines-of-Code
ESP	evolutionary spiral process
EUM	End User's Manual
EVMS	Earned Value Management System
EXFOR	Experimental Force

F

FAA	Federal Aviation Administration
FACNET	Federal Acquisition Computer Network
FAR	Federal Acquisition Regulation
FARA	Federal Acquisition Reform Act
FASA	Federal Acquisition Streamlining Act
FATDS	Field Artillery Technical Data System (Army)
FCA	Functional Configuration Audit
FCT	Functional Certification Test
FD	Functional Description
FEA	functional economic analysis
FEMA	Federal Emergency Management Agency
FFH	fleet flying hours
FFP	firm-fixed-price
FFPIF	firm-fixed price incentive fee
FIPS	Federal Information Processing Standard
FIRMR	Federal Information Resources Management Regulation
FMECA	Failure Modes and Effects and Criticality Analysis
FOC	full operational capability
Fortran	Formula Translation for Scientific Applications
FOT&E	Follow-On Test & Evaluation
FPI	functional process improvement
FPIF	fixed-price-incentive-fee
FQR	Formal Qualification Review
	Functional Qualification Review
FQT	Formal Qualification Test
	Functional Qualification Test
FSCATT	Fire Support Combined Arms Tactical Trainer
FSD	Full Scale Development
FSM	Firmware Support Manual
FTA	Fault Tree Analysis
FY	Fiscal Year
FYDP	Fiscal Year Defense Plan

G

GAA	Government Auditing Agency
GAO	General Accounting Office
GCCS	Global Command and Control System
GCSS	Global Combat Support System
GDP	gross domestic product
GFE	government-furnished equipment
GFI	government-furnished information
GFS	government-furnished software
GITSB	Government Information Technical Services Board
GKS	Graphics Kernel System
GMRA	Government Management Reform Act
GOSIP	Government Open Systems Interconnect Profile
GOTS	government-off-the-shelf
GPEF	generic package of elementary functions
GPPF	Generic Package of Primitive Functions
GPRA	Government Performance and Results Act
GPS	global positioning system
GQM	Goal, Question, Metric
GRMS	generalized rate monotonic scheduling
GSA	General Services Administration
GSBCA	General Services Board of Contract Appeals
GSIS	Graphics Standard Interface Standard
GTE	General Telephone
GTN	Global Transportation Network
GUI	graphical user interface

H

HCI	human-computer interface
HDBK	handbook
HIL	human-in-the-loop
HOL	higher-order language
HP	Hewlett-Packard
HQ	headquarters
HSC	Human Systems Center
HTML	HyperText Markup Language
HW	hardware
HWCI	hardware configuration item
HWIL	hardware-in-the-loop

I

I/O	input/output
IASL	Integrated Aircraft Simulation Laboratory
IBM	International Business Machines
ICAF	Industrial College of the Air Force
ICAM	Integrated Computer-Aided Manufacturing
I-CASE	Integrated-Computer Aided Software Engineering
ICD	Interface Control Document
ICE	independent cost estimate
iCMM	Integrated Capability Maturity Model
ID/ATS	Integrated Diagnostic/Automatic Test System
IDA	Institute for Defense Analyses
IDD	Interface Design Description Interface Design Document
IDEF	Integrated Computer-Aided Manufacturing Definition Language
IDIQ	indefinite delivery indefinite quantity
IDL	interface definition language interface design language
IE	information engineering
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
IEW	intelligence electronic warfare
IFPP	Instructions for Preparation of Proposals
IFPUG	International Function Point Users Group
ILP	Integrated Logistics Plan
ILS	integrated logistics support
ILSP	Integrated Logistics Support Plan
IM	information management
IMCSRS	Installation Materiel Condition Status Reporting System
IMOM	Improved (Many-on-Many)
IMP	Integrated Master Plan
IMS	Integrated Master Schedule
IMTEC	Information Management and Technology Division
IOC	initial operational capability
IOT&E	initial operational test and evaluation
IP	implementation procedure
IPD	integrated product development
IPPD	Integrated Product and Process Development
IPQM	in-process quality metrics
IPS	information processing system
IPT	integrated product team
IRD	Interface Control Document
IRDS	Information Resource Dictionary System
IRM	information resource management
IRMP	integrated risk management process
IRMS	information resource management software

IRS	Interface Requirements Specification Internal Revenue Service
ISO	International Standards Organization
ISR	information system resources
ISRI	information storage and retrieval interface
ISRS	information system resource software
ITAP	Information Technology Acquisition Paper
ITD	Instructions to Defense
ITM	Information Technology Management
ITMRA	Information Technology Management Reform Act
ITO	Instructions to Offerors
ITSG	Information Technology Standards Guidance
IV&V	independent verification and validation
IWSM	Integrated Weapon System Management
IWSSF	Integrated Weapon System Support Facility (USAF)

J

JAST	Joint Advanced Strike Technology
J-CALS	Joint-Computer-aided Acquisition and Logistics System
JCS	Joint Chiefs of Staff
JDAM	Joint Direct Attack Munitions
JLASS	Joint Land, Aerospace, and Sea Simulation
JLC	Joint Logistics Commanders
JLSC	Joint Logistics Systems Center
JPATS	Joint Primary Aircraft Training System
JOVIAL	Jules Own Version of the International Algebraic Language
JROC	Joint Requirements Oversight Council
JSF	Joint Strike Fighter (formerly called JAST)
J-STARS	Joint-Surveillance Target Attack Radar System
JTA	Joint Technical Architecture

K

KESLOC	Thousand Equivalent Source Lines-of-code
KLOC	thousand lines-of-code
KPA	key process area
KSLOC	thousand source lines-of-code

L

L(ou)	loss by unsatisfactory outcome
LAN	local area network
LANT	Atlantic
LANTIRN	Low-Altitude Navigating and Targeting Infrared for Night (Operations)
LCC	life cycle costs
LCM	life cycle management
LCSS	life cycle software support
LCSSE	life cycle software support environment
LFT&E	Live Fire Test & Evaluation
LOC	line-of-code
LOE	level of effort
LRIP	low-rate initial production
LRU	line replaceable unit
LSA	logistics support analysis
LSAR	logistics support analysis record

M

M&S	Modeling & Simulation
MAA	Mission Area Assessment
MAC	Materiel Acquisition Command Military Airlift Command month after contract
MAIS	Major Automated Information System
MAISRC	Major Automated Information System Review Council
MAJCOM	Major Command
MAP	Mission Area Plan
MAPI	Messaging Application Programming Interface (Microsoft)
MAPSE	Minimal Ada Programming Support Environment
MBC	Mortar Ballistics Computer
MBI	manpower buildup index
MC	Mission Computer
MCDC	modified condition decision coverage
MDA	Milestone Decision Authority
MDAP	Major Defense Acquisition Program
ME	manpower estimate
MICOM	Missile Command (Army)
MIL	military
MilSpec	military specification
MIL-STD	military standard
MilStd	military standard
MIS	management information system
MM	Maintenance Manual
MNA	Mission Needs Analysis
MNS	Mission Need Statement

MOE	measures of effectiveness
MOP	measures of performance
MOR	memorandum of record
MRC	major regional conflict
MPR	Mobilization Readiness Priority (Army)
MTA	Maintenance Task Analysis
MTBCF	mean-time-between-critical-failure
MTBCFHW	mean-time-between-critical-failure hardware
MTBF	mean-time-between-failure
MTTD	mean-time-to-defect
MTTF	mean-time-to-failure
MTTR	mean-time-to-repair-and-restore

N

NALCOMIS	Naval Aviation Logistics Command Management Information System
NASA	National Air and Space Administration
NATO	North Atlantic Treaty Organization
NAVMASSO	Naval Management Systems Support Office
NBC	nuclear, biological, and chemical
NCCOSC	Naval Command and Control Ocean Surveillance Center
NCPII	Fleet Interface for Navy Communications Processing and Routing Re-engineered System
NCSC	National Computer Security Classification
NCTAMS	Naval Computer and Telecommunications Area Master Station LANT
NDI	non-developmental item
NDS	non-developmental software
NHPP	Non-Homogeneous Poisson Process
NII	National Information Infrastructure
NIPS	Naval Intelligence Processing System
NISMC	Naval Information Systems Management Center
NIST	National Institute of Standards and Technology
NMPPS	Nuclear Mission Planning and Production System
NORAD	North American Aerospace Defense Command
NPR	National Partners for Reinventing Government
NRaD	NCCOSC RDT&E Division
NSA	National Security Agency
	National Software Alliance
NSF	National Science Foundation
NSIA	National Security Industrial Association
NSS	National Security Systems
NTDS	Naval Tactical Data System
NWPSIP	Naval Warfare Planning and Support Integration Project

O

O&M	Operations & Maintenance
OC-ALC	Oklahoma City - Air Logistics Center (USAF)
OCD	Operational Concept Description
ODC	other direct costs
OFFP	operational flight program
OIPT	overarching IPT
OIRA	Office of Information and Regulatory Affairs
OMA	organizational maintenance activity
OMB	Object Management Group Office of Management and Budget
OO	object-oriented
OOA	object-oriented analysis
OOD	object-oriented design object-oriented development
OOP	object-oriented programming
OPR	Office of Primary Responsibility
OPSEC	Operations Security
ORB	Object Request Broker
ORD	Operational Readiness Document Operational Requirements Document
ORWG	Operational Requirements Working Group
OSD	Office of the Secretary of Defense
OSE	open system environment
OST	Operational Requirements Document Support Team
OT&E	operational test and evaluation

P

P(ou)	probability of unsatisfactory outcome
P3I	pre-planned product improvement
PA&E	Office of Program Analysis & Evaluation
PAIL	Patrol Aircraft Test Laboratory
PAL	Public Ada Library
PAT	process action team
PB	President's Budget
PBBE	Performance-Based Business Environment
PBBS	Planning, Programming, and Budgeting System
PC	personal computer
PCA	Physical Configuration Audit
PCMCIA	Personal Computer Memory Card International Association
P-CMM SM	People — Capability Maturity Model
PCMS	Process Configuration Management Software
PCO	Project Contracting Officer
PDL	program design language
PDM	Program Decision Memoranda

PDMSS	Programmed Depot Maintenance Scheduling System
PDP	Program Decision Package
PDR	Preliminary Design Review
PDSS	post-deployment software support
PDSSC	Post-Deployment Software Support Concept
PDSSCD	Post-Deployment Software Support Concept Document
PDSSP	Post-Deployment Software Support Plan
PEO	Program Executive Officer
PHIGS	Programmers Hierarchical Interactive Graphics System
PIDS	Prime Item Development Specification
PIF	Productivity Improvement Fund
PIWG	Performance Interface Working Group
PL	Public Law
PM	Project Manager
PMD	Program Management Directive
PMIP	Process Maturity Implementation Project
PMP	Program Management Plan
PMSS	Program Management Support System
POC	point of contact
POE	program office estimate
POM	Program Objective Memorandum
POSIX	Portable Operating System Interface for Unix Computer Environments
PPBS	Planning, Programming and Budgeting System
PPI	Preparation Instructions
PRA	Paperwork Reduction Act
PRAG	Performance Risk Management Group
PRICE-S	Parametric Review of Information for Costing and Evaluation - Software
PRISM	Portable Reusable Integrated Software Modules
PROM	programmable read-only memory
PRT	Program Requirements Team
PSA	Principal Staff Assistant
PTR	Program Trouble Report
PVI	pilot vehicle interface

Q

QA	quality assurance
QDR	Quadrennial Defense Review
QIP	Quality Indicator Program
QPMIS	Quantitative Process Management Information System
QPR	Quantitative Performance Requirement

R

R&D	research and development
RAASP	Reusable Ada Avionics Software Package
RADC	Rome Air Development Center (now Rome Laboratory)
RAH-66	Comanche helicopter
RAP	Risk Aversion Plan
RAPID	Reusable Ada Products for Information Systems Development
RBA	Revolution in Business Affairs
RBSE	repository-based software engineering
RCM	requirements correlation matrix
RCS	radar cross section
	Range Control System
RDBMS	rational database management system
RDT&E	research, development, test and evaluation
RE	risk exposure
REE	Requirements Engineering Environment
RES	risk estimate of the situation
REVIC	Revised Intermediate COCOMO
RFC	Request for Comments
RFI	Request for Information
RFP	Request for Proposal
RIC	Reinvention Impact Center
RICC	Reusable Integrated Command Center
RMA	rate monotonic analysis
RM&A	Reliability, Maintainability & Availability
RMARTS	Rate Monotonic Analysis for Real-Time Systems
RMP	Risk Management Plan
RMS	reliability, maintainability, and supportability
RO	risk officer
ROADS	Rapid Open Architecture Distribution System (Army)
ROCOF	rate of occurrence of critical software failures
ROI	return on investment
ROM	read-only memory
RPC	remote procedure call
RPO	Reuse Project Officer
R&R	removing & replacing
RTE	run-time efficiency
	run-time environment
RTS	run-time system

S

S&T	science and technology
SAA	Software Support Activity
SAC	Strategic Air Command
SA-CMM SM	Software Acquisition — Capability Maturity Model
SAE	Society of Automotive Engineers
SAF	Secretary of the Air Force
SAIC	Science Applications International Corporation
SAME	SQL Ada Module Extension
SAMeDL	SQL Ada Module Description Language
SAR	Selected Acquisition Report
SASET	Software Architecture, Sizing, and Estimating Tool
SBA	standards-based architecture
SBIS	Sustaining Base Information System (USAF)
SCAI	Space Command and Control Architectural Infrastructure
SCE	Software Capability Evaluation
SCN	Specification Change Notice
SCO	Software Change Order
SCP	System Concept Paper
SDCA	Software Development Capability Assessment
SDCCR	Software Development Capability/Capacity Review (now the SDCE)
SDCE	Software Development Capability Evaluation
SDD	Software Design Description Software Design Document
SDF	software development folder
SDI	Strategic Defense Initiative
SDIO	Strategic Defense Initiative Organization
SDK	Sammi Development Kit
SDP	Software Development Plan
SDR	Software Design Review
SDRT	Software Development Risk Taxonomy
SDSA	Software Development and Support Activity
SECDEF	Secretary of Defense
SE-CMM SM	Systems Engineering — Capability Maturity Model
SEE	software engineering environment
SEER-M	Software Evaluation and Estimation of Resources - Software Sizing Model
SEER-SEM	Software Evaluation and Estimation of Resources - Software Estimating Model
SEI	Software Engineering Institute (Carnegie-Mellon University)
SEL	Software Engineering Laboratory (NASA)
SEMP	Systems Engineering Management Plan
SEMS	Systems Engineering Master Schedule
SEPG	Software Engineering Process Group
SIDPERS-3	Standard Installation Division Personnel System -Version 3
SIGAda	Special Interest Group on Ada
SISMA	Streamlined Integrated Software Metrics Approach (Army)
SLCSE	Software Life Cycle Support Environment
SLOC	source lines-of-code

SMC	Space and Missile Systems Center
SMM	System Maturity Matrix
SOLE	Society of Logistics Engineers
SOO	Statement of Objectives
SORTS	Software Reliability Modeling and Analysis Tool Set
SOW	Statement of Work
SPA	software process assessment
SPAT	software process action team
SPC	Software Productivity Consortium
	Statistical Process Control
SPD	System Program Director
	System Program Directorate
SPE	software product evaluation
SPI	schedule performance index
	software process improvement
SPICE	Software Process Improvement Capability dEtermination
SPIP	Software Process Improvement Plan
SPM	Software Programmer's Manual
SPMN	Software Program Managers Network
SPO	System Program Office
SPR	Software Problem Report
SPS	Software Product Specification
SQA	software quality assurance
SQL	Structured Query Language
SQM	software quality management
	software quality maturity
SQPP	Software Quality Program Plan
SrA	Senior Airman
SRAMII	Short-Range Attack Missile II
SRC	Software Re-engineering Center
SRE	Software Risk Evaluation
SRI	Software Reuse Initiative
SRR	System Requirements Review
SRS	Software Requirements Specification
	System Requirements Specification
SSA	Software Support Agency (Activity)
	Source Selection Authority
SSC	Standard Systems Center
SSDD	System/Segment Design Description
	System/Segment Design Document
SSE	Source Selection Evaluation
SSEB	Source Selection Evaluation Board
SSE-CMM SM	Systems Security Engineering — Capability Maturity Model
SSET	Source Selection Evaluation Team
SSG	Standard Systems Group (USAF)
SSN 21	USS Seawolf Submarine
SSO	System Security Officer
SSP	Source Selection Plan
SSPM	Software Standards and Procedures Manual

SSR	Software Specification Review
SSRT	Single-Stage Rocket Technology
SSS	System/Segment Specification
	System/Subsystem Specification
STAMIS	Standard Army Management Information Systems
STANFINS-R	Standard Finance System - Redesign (Army)
STAR	System Threat Assessment Report
STARS	Software Technology for Adaptable, Reliable Systems
STC	Software Technology Conference
STD	Software Test Description
	Software Test Document
	standard
STE	software test environment
STEP	Software Test and Evaluation Panel (Army)
STP	Software Test Plan
	software test procedure
	System Test Plan
STR	Software Test Report
	Software Trouble Report
STSC	Software Technology Support Center
SUM	Software User's Manual
SUS	Software Unit Specification
SWCI	software configuration item
SWIL	software in the loop
SWSC	Space and Warning Systems Center (USAF)

T

T&E	test and evaluation
TAC	Tactical Air Command
TAFIM	Technical Architecture Framework for Information Management
TAR	Test Analysis Report
TBQ	Taxonomy-based Questionnaire
TCO	total cost ownership
TCP/IP	Transmission Control Protocol/Interconnect Protocol
TCRMS	Type Commander Readiness Management System
TCSEC	trusted computer system evaluation criteria
TCTO	time-compliance technical orders
TD	Technical Director
TDT	Theater Display Terminal
TDY	temporary duty
TEMP	Test and Evaluation Master Plan
THAAD	Theatre High-Altitude Area Defense
THAIS	Type Commander's Headquarters Automated Information System
TIM	Technical Interchange Meeting
TMD	tactical munitions dispenser
TMP	Technical Management Plan
TOA	total obligation authority

TOC	Total Ownership Cost
TP	Test Plan
TPM	technical performance measurement
TPS	test program set
TQAE	test quality assurance evaluator
TQM	Total Quality Management
TQMP	Total Quality Management Plan
TRM	Team Risk Management
	technical reference model
TRMS	TYCOM Readiness Management System
TRR	Test Readiness Review
T-SCE	Trusted Software Capability Evaluation
TS-CMM SM	Trusted Software — Capability Maturity Model
TWG	technical working group

U

UM	User's Manual
UNAS	Universal Network Architecture Services
USAISC	US Army Information Systems Center
USAISSDCL	US Army Information Systems Software Development Center - Lee
USD/A	Under Secretary of Defense for Acquisition
USI	User-System Interface
USSTRATCOM	US Strategic Command
UVPROM	ultraviolet PROM
UX	Unix

V

VCC	VHSIC central computer
VDD	Version Description Document
VHDL	VHSIC Hardware Description Language
VHLL	very high-level language
VHSIC	very high-speed integrated circuit
VSCS	Voice Switching and Control System
VV&A	Verification, Validation & Accreditation

W

WBS	work breakdown structure
WMMP	Woman Marine Model Prototype
WPFA	War Planning Systems Directorate
WR-ALC	Warner Robbins Air Logistics Center (USAF)
WSRD	Worldwide Software Resource Directory
WWMCCS	Worldwide Military Command and Control System
WWSS	Warfare and Warfare Support System

Y

Y2K	Year 2000
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