

Configuration Management Training, And International Certification...

Presented By: **MR. JOHN M. ROBERTS**



BASIC CONFIGURATION MANAGEMENT

San Diego, CA Feb 13-14, 2012
Washington, DC April 23-24, 2012
Colorado Springs, CO Jun 11-12, 2012

Fundamentals, Tools And The Latest Practices • Supports CICM Certification Level I

ADVANCED CONFIGURATION MANAGEMENT

San Diego, CA Feb 15-16, 2012
Washington, DC April 25-26, 2012
Colorado Springs, CO Jun 13-14, 2012

Go Beyond The Basics • Automating CM - Supports CICM Certification Level I

SOFTWARE CONFIGURATION MANAGEMENT

San Diego, CA May 14-15, 2012
Washington, DC June 25-26, 2012

No Previous Software Experience Required • Supports CISCN Certification Level II

ENTERPRISE CONFIGURATION MANAGEMENT

New Level III For CM Professionals

San Diego, CA May 16-17, 2012
Washington, DC June 27-28, 2012

Supports CCMP Certified Configuration Management Professional, Level III

The Number One Rated CM Seminars • Completely Updated for 2012



C·M·T·F

CONFIGURATION MANAGEMENT
TRAINING FOUNDATION

ISCM CERTIFICATION EXAMS
Certified International Configuration Manager Level I & II
Certified Configuration Management Professional Level III
Over **4,000 CERTIFIED** in **21 COUNTRIES.**



Days: 2

BASIC CONFIGURATION MANAGEMENT

Code: CCM-601

SAN DIEGO, CA.....February 13-14.....Embassy Suites SD Bay

WASHINGTON, DC.....April 23-24.....Embassy Suites Dulles

COLORADO SPRINGS, COJune 11-12Hilton Garden Inn

Register Call (530) 893-1766 • Fax (530) 893-9313 • Fee: Reg. \$1,495 • Gov't \$1,395

Proper application of the CM process shortens the product development cycle, improves your quality, reduces the cost associated with unwanted change, and builds integrity into your systems. This informative program will give you the proven tools to do the job right.

You Will Learn

- Fundamentals of CM
- The impact of new standards
- Closed-loop CCBs
- How to write CM Plans
- How to conduct CM audits

1. DEFINING CONFIGURATION MANAGEMENT

- CM principles and standards
- The recent growth of CM

2. CM PLANNING

- Program phasing and milestones
- Creating the CM organization
- Defining CM system requirements
- CM job classifications

3. CONFIGURATION IDENTIFICATION

- First tasks of CM
- Product configurations & baselines
- Requirements traceability
- Item identification and numbering

4. ENGINEERING RELEASE

- Placing technical data under control
- The document control process
- Development vs. formal release

5. CONFIGURATION CONTROL

- Defining a closed-loop process
- Change classifications
- Forms - SPR, NOR, SCN, ECP, EO
- Engineering review board tasks
- Effective change control boards
- Processing deviations and waivers

6. INTRODUCTION TO SOFTWARE CM

- Specific software CM tasks
- SEI evaluation criteria

7. CONFIGURATION STATUS ACCOUNTING

- Defining CSA tasks and tailoring
- Status accounting elements
- Understanding the impact to CALS

8. CM PLANS

- Types of CM Plans
- CMP preparation techniques
- Creating a requirements matrix
- Software CMPs
- Assessments and Plans
- General procedures and work flow

9. CONFIGURATION AUDITS

- Internal and informal audits
- Developing the audit plan
- The Functional Configuration Audit
- The Physical Configuration Audit

10. MANAGING VENDORS AND SUBCONTRACTORS

- Flowing down CM requirements
- Developing the CMRD
- Managing supplier data

**TEAM WORKSHOP I:
CONDUCTING THE CCB**

**TEAM WORKSHOP II:
REVIEW OF FUNDAMENTALS**

Days: 2

ADVANCED CONFIGURATION MANAGEMENT

Code: ACM-602

SAN DIEGO, CA.....February 15-16.....Embassy Suites SD Bay

WASHINGTON, DC.....April 25-26.....Embassy Suites Dulles

COLORADO SPRINGS, COJune 13-14Hilton Garden Inn

Register Call (530) 893-1766 • Fax (530) 893-9313 • Fee: Reg. \$1,495 • Gov't \$1,395

This is the Advanced CM seminar developed and taught by Mr. John Roberts in nine countries. Thoroughly updated, it reflects the needs of today and tomorrow. Come prepared - drinking from a fire hose of CM knowledge can be fun and exhilarating!

You Will Learn

- Your CM capability maturity
- CM process improvement
- CM life-cycle work flows
- How technology impacts CM
- CM tools and automation

1. THE NEW CM ENVIRONMENT

- Value added vs. directed CM
- New industries and expanded roles
- Enabling technologies & visual CM

2. EMERGING CM STANDARDS

- Dying CM standards (MIL-STD-973)
- The new ISO 10007
- High level principles in IS-649

3. SYSTEM ACQUISITION AND CM - CUSTOMER CM TASKS

- Acquisition and the system life cycle
- Changes in acquisition policy
- The Statement of Work (SOW)
- Reviewing contractors and suppliers

4. SOFTWARE CM & SEI

- New S/W development standards
- Moving up the SEI model
- SCM tasks and responsibilities
- Selecting SCM tools

5. QUALITY AND CM - ISO 9000

- The relationship between QA & CM
- Tailoring for commercial programs
- CM for test and lab environments

6. PDM • CALS • CM SYSTEMS

- Benefits of PDMs
- SCM requirements from CALS
- CITIS a window into information
- Electronic Data Interchange
- Defining a CM System

7. POST DEVELOPMENT CM (ASSET MANAGEMENT)

- Asset identification and tracking
- Control after development
- ECPs and retrofit activity
- Maintaining stable configurations
- Logistics and CM

8. THE NEW DATA MANAGER

- Data Manager's responsibilities
- Controlling deliverables
- How to price technical data

9. MANAGING A CM DEPARTMENT

- Defining the CM organization
- Developing the CMP
- Maximizing performance

10. THE FUTURE OF CM

- Future trends in CM
- Radio Frequency ID
- Question and answer review

TEAM WORKSHOP
DRAFTING A CMP

Days: 2 **SOFTWARE** Code: SCM-603
CONFIGURATION MANAGEMENT

SAN DIEGO, CAMay 14-15Embassy Suites SD Bay
WASHINGTON, DC.....June 25-26Embassy Suites Dulles

Register Call (530) 893-1766 • **Fax** (530) 893-9313 • **Fee:** Reg. \$1,495 • Gov't \$1,395

This two-day course is the most comprehensive SCM seminar available. Thoroughly updated, it includes demos of popular SCM tools and prepares students for the optional Level II certification exam available at the end of each course.

You Will Learn

- How to apply SCM principles
- The latest standards and trends
- The complete SCM process
- How to run basic reports

1. **SCM FUNDAMENTALS**

- The need for SCM
- Basic principals of SCM
- CM process elements
- Key terminology
- Software development cycles

2. **SW CONFIGURATION IDENTIFICATION**

- Software and change identifiers
- Control of software baselines
- Developmental configuration
- Tracking software assets

3. **SOFTWARE CONFIGURATION CONTROL**

- Version and change control
- Structure & flow of the SCCB
- Automating the change process
- Software library types and tasks
- Releasing software & documents
- Controlling deliverables

4. **SCM STATUS ACCOUNTING**

- Automating the CSAS process
- Types of information to maintain
- Software metrics & reports
- CITIS and product data

5. **SCM REVIEWS AND AUDITS**

- Audits performed on SCM
- Auditing Software Libraries
- Software FCAs and PCAs
- Participation in reviews

6. **SCM PLANNING**

- Responding to SCM bids
- SCM project start up activities
- Writing a SCM plan

7. **TOOLS FOR SCM**

- How to evaluate SCM tools
- Tool functionality requirements
- Comparison of types of tools

8. **SEI'S CMM**

- CMM purpose & levels
- The CMM's SCM KPA
- CMM requirements for SCM

9. **ALTERNATIVES TO SEI**

- TickIT- ISO 90001 for software
- SPICE is in your future
- Question and answer review

**AUTOMATED PRESENTATION
INCLUDES EXAMPLES OF
SOFTWARE CM TOOLS**

**TEAM WORKSHOP
SOFTWARE WORK FLOW**

Days: 2 **ENTERPRISE** Code: ECM-605
CONFIGURATION MANAGEMENT

SAN DIEGO, CAMay 16-17Embassy Suites SD Bay
WASHINGTON, DC.....June 27-28Embassy Suites Dulles

Register Call (530) 893-1766 • Fax (530) 893-9313 • Fee: Reg. \$1,495 • Gov't \$1,395

This new two-day course is for CM Professionals. More than a refresher course, it builds on the fundamentals and prepares students for the optional Level III CCMP certification exam available at the end of each course.

You Will Learn

- Enterprise wide CM
- The whole CM process
- Integration solutions
- How to implement CM

1. MANAGEMENT AWARENESS

- The new organization
- Policy, strategies and goals
- CM processes and tasks
- Securing senior executive support
- Delivering real value to a project

2. CM INTEGRATION

- System Engineering and CM
- Schedules and baselines
- Hardware and manufacturing
- The software and IT environment
- Testing and Quality gates
- Maintenance and Support
- Release and Document Control

3. EARNED VALUE CM

- The EVCM process and CSA
- Earned Value CM criteria
- Implementation and reporting
- Variance analysis

4. THE CM WEB PORTAL

- Virtual Information Center (VIC)
- Paperless reporting
- Data Management
- Management Indicators
- Designing a window into CM

5. MANAGING CHANGE

- Automation and tools
- The CCB and rapid change
- Impact assessment
- Change implementation

6. CM ENGINEERING

- Visual CM
- Intelligent products
- Asset tracking solutions

7. OVERSIGHT OF CM

- CM integrity
- Monitoring criteria
- CM assessments
- Reviews, audits

8. THE ENTERPRISE PLAN

- Selling the vision
- Supporting the mission

The optional Level III CCMP exam will be available for approved candidates at the end of this class.

Exam Time Limit – One Hour

Alternatives to taking exam:

- 1. CM Project paper**
- 2. Grandfathering: Will close by June 2007, no exceptions. Call for requirements.**

Level III certification requires CM experience and knowledge. Challenge yourself, go for the top CM credential: CCMP Certified Configuration Management Professional.

CCMP CERTIFICATION

Level III certification, CCMP (Certified Configuration Management Professional) is now being offered by CMTF. CCMP is the top-tier certification for Configuration Management. Requirements for CCMP:

1. Level I and Level II certification.
2. Minimum 4 years full time CM experience or 3 years with academic credit.
3. Enterprise CM course and exam. Alternative to exam: CM Project paper or Grandfathering.

Look to the future. The CCMP credential shows you have CM knowledge and experience. CMTF established the International Society of Configuration Management (ISCM) in 1995. Our goal is to provide CM credentials and a global registry of certified CM Professionals.

ISCM now has three levels of certification: Level I Fundamental CM, Level II Software Specific CM, and Level III the new CCMP. For information call (530) 893-1766 or visit us at www.cmtf.com.

TEST LOCATIONS & DATES

Level I Fundamental CM (3 hours)

San Diego, CA.....February 16
Washington, DCApril 26
Colorado Springs, COJune 14

Level II Software Specific CM (2 hours)

San Diego, CAMay 15
Washington, DCJune 26

Level III CM Professional (1 hour)

San Diego, CAMay 17
Washington, DCJune 28

Call (530) 893-1766 • Fee: Regular \$125 • Gov't \$105

2012 ON-SITE TRAINING

- ✓ Significant per attendee savings
- ✓ Expert speakers, CICM/CCMP examinations

For more information regarding course availability and pricing, call **Tracie** at **(530) 893-1766**.

YOUR INSTRUCTOR

A leading expert and sought-after speaker, **Mr. John M. Roberts** has given Configuration Management presentations at Universities, to in-house clients and at public seminars across the U.S., Europe, Canada, Mexico, Australia and the Middle East. Thousands of Industry, Defense and Government professionals have benefited from his unique combination of dynamic communication skills, technical knowledge and experience.

Mr. Roberts has over twenty years of current Configuration Management experience on hundreds of products for the commercial sector and programs for the Navy, USAF, Army, NATO and NASA. Mr. Roberts is currently President of the Configuration Management Training Foundation (CMTF) and founder and President of the International Society of Configuration Management (ISCM).



ABOUT THE CMTF PROGRAMS

The BASIC CM, ADVANCED CM, and SOFTWARE CM Courses will help individuals achieve their international certification (CICM Level I & II). ENTERPRISE CM is a new course designed to help CM professionals keep up to date with CM implementation methods and tools, and provide guidelines for improving their Configuration Management process. This course is a pre-requisite for the Level III CCMP (Certified Configuration Management Professional) certification. Typical attendees come from:

- Commercial programs seeking an effective change process
- Enterprises trying to achieve ISO and ITIL certification
- Military Commands seeking CM good CM practices
- Government agencies like DOE, FAA, FBI, Treasury and other departments
- Research institutions seeking to implement reasonable CM requirements
- Software organizations undergoing SEI evaluation
- Programs implementing new CM tools and Integrated Product Teams
- Quality organizations needing a better understanding of how to verify CM Work Flows
- Companies looking for a competitive advantage through certifying their key CM personnel

“Depth of subject material conveyed was outstanding.”

Robert Cremer, TRW

“Fascinating, uniquely tailored to today’s existing work environment.”

Jim Rasmussen, US Strategic Cmd

“Great course. Instructor is very well versed in CM, familiar with all the latest trends in CM.”

Christine Barton, Wright-Patt AFB

“Excellent – Fulfilled my needs.”

Dennis Howat, FAA

“Very good lecturer.”

*Eivind Bakke, Norway
RNOAF Materiel Command*

“Good examples of CM tools.”

*Heidi Lecklitner-Halvorson, NSWC
Costal Systems Station*

“Excellent! – I learned a lot about the trends and direction of CM”

Nancy Arcarola, Citibank

“Very informative – I think everyone should take both classes.”

*Katrina L. Ayers, Nielsen Media
Research*

“Outstanding group interaction.”

C. L. Stewart, U.S. Army

“Excellent approach on current and future CM requirements.”

Andrew A. Tobin, bd System Inc

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2012 CONFIGURATION MANAGEMENT SEMINARS

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SEMINAR / FEE	Early Registration Discounted Fee		Regular Fee	
	(30 Days or More Before Event)		(Within 30 Days)	
	Corporate	Gov't	Corporate	Gov't
BASIC CM	\$1395	\$1295	\$1495	\$1395
ADVANCED CM	\$1395	\$1295	\$1495	\$1395
SOFTWARE CM	\$1395	\$1295	\$1495	\$1395
ENTERPRISE CM	\$1395	\$1295	\$1495	\$1395
CM CERTIFICATION EXAM	\$120	\$100	\$125	\$105

LOCATIONS & DATES

SAN DIEGO, CA • Embassy Suites SD Bay February 13-16, 2012
 601 Pacific Highway, San Diego, CA 92101 May 14-17, 2012
 Phone: (619) 239-2400 Fax: (619) 239-1520

WASHINGTON, DC • Embassy Suites Dulles April 23-26, 2012
 13341 Woodland Park Rd, Herndon, VA 20171 June 25-28, 2012
 Phone: (703) 464-0200 Fax: (703) 464-4699

COLORADO SPRINGS, CO • Hilton Garden Inn June 11-14, 2012
 1810 Briargate Parkway, Colorado Springs, CO 80920
 Phone: (719) 598-6866 Fax: (719) 598-8846

**To Register Call (530) 893-1766 Fax (530) 893-9313
 or E-Mail to tracie@cmf.com**

FEES

Class size is limited. Registration fees are payable in advance. Registration is permitted the day of the seminar on a space available basis. Please call first to check availability.

SUBSTITUTIONS and CANCELLATIONS

Substitutions may be made at any time. Attendees who cancel within 14 days of the individual seminar, as well as no shows, are responsible for the entire registration fee. In the event the seminar is cancelled, CMTF's liability is limited to the refund of the seminar registration fee only.

ACCOMMODATIONS

Contact CMTF for hotel information. Group discounts are available at some locations. Attendees are responsible for their own arrangements.

REGISTRATION AT 8:00 AM • PROGRAM IS 8:30 AM TO 3:30 PM