

CMII 2001 Conference

The CMII 2001 Conference was held at the U. S. Grant Hotel, San Diego, California, September 23rd to 26th, 2001.

Sunday, September 23, 2001

3:00 - 5:00pm: Early Registration and Exhibitor set-up

6:00 - 8:00pm: Evening Reception in Exhibit area - Sponsored by Auto-trol Technology

Presentations given Monday, September 24, 2001:

"Good Morning CMII!"

Master of Ceremonies: Mr. Craig Senior, CGI Group, CMIIC, Conference Emcee and Past President of the Eastern Canada CMII Users Group

In his opening remarks Craig addressed our audience with heartfelt condolences for a nation that had so recently experienced the tragedy of September 11, 2001. Acknowledging with sincere appreciation the efforts that every attendee made to be at the CMII 2001 Conference, he also spoke of the sense of community there is on an international level. Many thanks to Craig for a wonderful introduction into the CMII 2001 Conference!

Craig Senior is a CMII graduate now working with the CGI Group (www.cgi.ca) as the Quality Manager of the Government of Canada's Records and Document Information Management System (RDIMS). Before that he operated his own consultancy, worked for the LGS Group, and SHL Systemhouse. Through many roles and many clients, he observes that the real challenges to improvement are rarely technical, but human in nature. He's learned to keep a sense of humour.

With that sense of humour, he loves public speaking. He is a member of Toastmasters and a chapter member of the Canadian Association of Professional speakers. He speaks for various groups: young and old, professional and community, businesses and charities. He even speaks at CMII conferences!

"CMII Awareness"

The CMII Awareness session is an overview of how CMII fits into the activity of running a business. For those CM Professionals not familiar with CMII, this overview will aid in understanding a more effective and efficient approach to CM as practiced by CMII professionals. For those with CMII certification, the overview will provide an update of CMII principles previously learned and is of great value in introducing CMII principles to your management.

Presented by: Mr. Leo Clark, Institute of Configuration Management, BS, CMIIC. Leo has over 15 years of experience in software development including operating systems, consumer products, financial services and manufacturing. He has written programming manuals for most computer environments. He has taught and consulted extensively on SPC, CIM, DNC, MES, ERP and preventive maintenance. Leo is a former Marine, a Marquette University graduate and holds CMII certification.

"Manage Product Families For Profitability With CMII"

CMII grew out of product engineering and manufacturing. The ICM has extended it to software development and process management. Applied intelligently, CMII can benefit the enterprise even more widely. It is not only a cost reduction tool, but a management strategy to improve profitability and provide long-term advantage. When working within large organizations, CMII proponents should consider an incremental approach -- applying whatever CMII principles can yield short-term results, support from key people, and a basis for further progress. Mr. Smith will present and discuss examples of innovative CMII applications in less familiar environments, such as marketing of products and services, feature enhancement, and value harvesting.

Presented by: Peter L. Smith, Project Manager, Digital Data Products, Boeing Commercial Aviation Services - CMIIC, BA, MBA Candidate

"CMII as a Basis for Collaborative Product Commerce"

Presented by: Mr. Andy Lenzini, Chief Architect of the Extended Manufacturing Group at Hewlett-Packard

Monday Afternoon Flights:

MONDAY		Flight A	<p>Physical Item Hierarchies and Item-to-Document Linkages</p> <p>Each software product used to demonstrate such functionality has been assessed and certified to be CMII compliant.</p>	
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			<p>1:00-1:40pm EDS/SDRC demonstrates "Metaphase" Product Data Management System</p> <p>1:45-2:25pm Eigner + Partner/usb demonstrates "axalant-CM" Product Data Management System</p> <p>2:30-3:10pm EDS/UGS demonstrates "i-man" Product Lifecycle Management System</p> <p>3:15-3:55pm MatrixOne demonstrates "Engineering Central" Product Data Management System</p> <p>4:00-4:45pm Auto-trol Technology demonstrates "CENTRA 2000" Collaborative Product CM System</p>
MONDAY	Flight B	<p>Numbering Conventions</p> <p>This flight addresses the various approaches to numbering for both hardware and software environments.</p> <p>1:00-2:00pm "Pros and Cons of Significant Numbering" Presented by: Dr. Joseph Manora, PhD, Principle Configuration Management Engineer, SI International, Inc.</p> <p>2:15-3:15pm "Software Numbering Schemes" Presented by: Mr. Leo Clark, Institute of Configuration Management, BS, CMIIC</p>	
MONDAY	Flight C	<p>Compatibility of CMII and Leading Industry Standards</p> <p>This flight addresses the compatibility of CMII and Leading Industry Standards.</p> <p>1:00-2:00pm "CMII and the CMM" Presented by: Mr. Steve Easterbrook, Institute of Configuration Management, BS, MBA, CMIIC, and Mr. Leo Clark, Institute of Configuration Management, BS, CMIIC</p> <p>2:15-3:15pm "CMII and EIA-859" Presented by: Ms. Cynthia C. Hauer President & CEO Millennium Data Management, Inc</p>	
MONDAY	Flight D	<p>CM Process Performance Measurements and Reporting</p>	

This flight addresses various measurements that can be derived from the CM process and used to improve your organizational health.

1:00-2:00pm "Metrics for Management Using Automated Tools" Presented by: Jack Daley, Lisa Fenwick and Vance Duncan, CMstat Corporation

2:15-3:15pm "The Value of CM-Derived Measurements to Upper Management" Presented by: Mr. Dave Presuhn, Boeing Commercial Airplane Group, CMIIC

Presentations given Tuesday, September 25, 2001:

"Rolling out CM / PDM in a Global Company"

This presentation will address CM and PDM issues that should be considered when rolling out a PDM system into a global environment. Among these are: The role of a clear CM philosophy, The importance of standardization, Overcoming differences, Organization and more organization, Distributing responsibility, Dependence on Others, and User Support. This presentation draws on experiences gained while integrating a common PDM system and CM philosophy into a diverse global company.

Presented by: Mr. David Allen, BSME, MBA, CMIIC, Manager of Engineering Services, Autoliv Inc. Dave Allen serves as the Manager of Engineering Services for Autoliv Inc. in Ogden, Utah. Autoliv is an industry leader in the development and sales of automotive safety products including airbags and seatbelts. He has been involved in the development and implementation of two PDM systems over the past 8 years. In addition to managing a design group, he functions as CM Manager for facilities in the U.S. He received a BS degree in Mechanical Engineering from Utah State University and an MBA from the University of Utah. He was CMII certified in 1993.

"Product Data Management Integration with Enterprise Resource Planning"

Presented by: Mr. Doug Shelburne, Framatome ANP, Manager CM Systems, BS, CMIIC, and President of the Blue Ridge CMII Users Group

"Trends in Lean Manufacturing and Theory of Constraints and their impact on the justification of modern Configuration Management practices."

Too many people today look upon the techniques used by modern Configuration Management practices as an “imposition” and a “hindrance” to the implementation of two other modern productivity trends. Those trends of Lean Manufacturing and the Theory of Constraints. All three trends have zealous practitioners, who border on the fanatical side, and believe their way is the best way. Almost without exception those in the Lean Manufacturing and the Theory of Constraints camps see those in the Configuration Management camp as working against the goals of eliminating waste and the goal of through put. This presentation will attempt to show how modern Configuration Management practices are actually in support of these goals. It will also take this a step further and propose an approach for the financial justification of Configuration Management practices in the support of these goals.

Presented by: Mr. Tad Leach. Tad Leach is a Principle Management Consultant for CSC Consulting within the Product Collaboration Practice of the Supply Chain Solutions Group. Tad is certified in CMII and has over 25 years of experience in industry holding numerous positions within engineering, quality and manufacturing. Prior to joining CSC Consulting, as a product development manager, Tad dealt daily with the many issues involved in managing a product's configuration across multiple plants located in various countries around the world. Tad has a strong background in enabling the virtual enterprise through the areas of computer-integrated manufacturing, process control, digital mockup, component and supplier management, and product data management. Tad enjoys utilizing his knowledge of Lean Manufacturing, Theory of Constraints and Concurrent Engineering techniques to improve his client's business processes and to help his clients serve their customers on a global basis.

ATTENTION CMII 2001 Conference Attendees: Since this presentation was not included on the Conference CD-ROM handout you may request the PDF copy be sent to you. Please contact cmiiugs@aol.com and include your name and e-mail address in your request.

"Seamless Implementation of CMII Principles Across International And Global Business Sites"

In the ever-increasing competitiveness within the automotive electronics sector, companies are steering their global operatives towards the implementation of CMII principles. The majority of companies may not fully comprehend the formidable challenges to be faced in rolling out a common CMII implementation across a myriad of organizational cultures and business practices. The complex linkages, between design centers and the subsequent product manufacturing locations, have to be clearly understood and precisely documented. This presentation will review key considerations for a seamless international implementation of CMII principles across design centers, product manufacturing locations, and into the supply base. A proposed process flow will also be

introduced in support of global linkages to international sites as CMII principles are rolled out by a corporation.

Presented by: Mr. Delbert Anderson. Delbert Anderson is an executive manager for Delphi Automotive Systems within the Configuration Management core group that is responsible for the implementation of global configuration management processes and procedures. Delbert is certified in CMII, holds both a BSME and MBA, and has 30 years of experience in industry via a variety of U.S. and international assignments across engineering, manufacturing, and quality. In his current assignment, Delbert is addressing the host of real and perceived issues that surface when companies design products in one geographical region and subsequently build the designs across various product manufacturing locations around the world. Delbert has a strong appreciation for diversity and the subsequent posture it allows a global company to hold in optimizing a host of new business processes (e.g., CMII, lean practices, ZERO defects manufacturing, simultaneous management teams, etc.).

"CMII Implementation Issues: Having Answers to the Tough Questions"

You've got your CMII certification, and you see an opportunity to use it – to make a real difference in your company. Your boss sets up a meeting with the senior staff to give show them how CMII will work and why it makes so much sense. In the middle of your brilliant presentation the CEO raises his hand and asks a very simple question that stops you dead in your tracks – a question that you never thought of before. Your life flashes before your eyes and your mind goes blank....

This scenario happens all too frequently, often with disastrous consequences. Fortunately, all is not lost. To help us get through these kinds of trials Rick St. Germain will shed some light on these tough questions, why they are asked and how we can effectively respond.

Presented by: Mr. Rick St. Germain, BEng in Chemical Engineering, Nouvella Consulting Services. Rick is a CMII graduate, instructor and Lead Assessor whose background has included the development and implantation of CM processes in major aerospace projects and, more recently in the federal government. His recent consulting experience has been focussed on business strategy, including the role of processes such as CM. He has worked with major consulting firms including LGS Group and IBM, and is currently an independent consultant.

Tuesday Afternoon Flights:

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			Cynthia C. Hauer President & CEO Millennium Data Management, Inc
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Presentations given Wednesday, September 26, 2001

"CM is Communication...III!"

In this presentation Mark Bielinski describes the journey he undertook to implement parts of the CMII model at a telecommunication company. Mark begins where he left off at last years conference explaining the approach taken to implement the model, the tools used and the successes and hurdles along the way. In particular Mark describes the organizational change strategy that was developed and implemented to make the project successful. Mark's presentation explains why communication is an important element of the model and how good communication throughout a methodology adoption project is critical to success.

Presented by: Mr. Mark Bielinski, SafeNet Consulting. Mark is the Quality Assurance practice director for SafeNet Consulting in Minneapolis. Over the years Mark has worked in the pharmaceutical, oil exploration, and telecommunications industries in quality assurance and project management roles. He is certified by the Institute of Configuration Management and is a PMP certified project manager. Mark has worked with clients implementing quality assurance best practices and has lead major software process improvement efforts. In particular Mark has implemented configuration management practices with clients including change control procedures, production configuration management practices, and software configuration management tools for versioning and source code control.

"CMII and ISO 9000"

This presentation describes the similarities and differences between CMII and ISO 9000. Included is a humorous look into how the ancient Egyptians used these same methodologies in documenting and building the great pyramids.

Presented by: Mr. Jerry Pyka, SPACEHAB, Inc., BS, MS, CMIIC

"Mule Train..."

How we empowered Teams to increase performance, accuracy, and timeliness in the shrinking budget world, using automation, education, and training. This is a dual presentation with Ms. N. Karen Polk and Ms. Sylvia Buhay, Naval Air Depot, North Island, San Diego, CA.

Karen has over 20 years experience in Configuration Management and Engineering Support for Automatic Test Equipment at NADEP North Island. Karen has been instrumental in initiating and implementing a CM tool at Naval Air Depot, North Island for automation of a local DEPOT process supporting the Shop environment when engineering assistance is required. Karen is a 1993 graduate of CMII and has an EE degree from West Coast University, Los Angeles, CA.

Sylvia G. Buhay, Aviation Support Equipment Team Leader for NAVAL AIR DEPOT at North Island, San Diego, CA. Sylvia has 21 years of project management and hardware and software engineering experience in Automatic Test Equipment technology. CMII certified and a graduate of George Washington University with a Masters Certificate in Program Management and a degree in Electronics Engineering from the Far East Asian Technical Institute in Manila, Philippines.

"Marrying Process with Technology...A Vendor's Perspective"

Today, many people buy food processors, but they have no idea how to cook. A similar scenario occurs in the high-tech solutions arena.

In the high-tech solutions arena, project- and process-oriented companies often spend millions of dollars on technology to solve their configuration management problems. Unfortunately, many of these businesses do not have established, documented, and repeatable Configuration Management (CM) processes.

If you have, or are establishing, a CM process, an investment in the current application technology can make it better, easier, and faster. However, how do you know when you are ready for such a technology solution? What expectations should you have for the products that are available to help, and how can you avoid getting caught up in the technology and lose site of your business objectives?

Speaking from his real-world experiences and selected case studies as both a user and supplier, Alan will present his experiences in delivering solutions to customers as a consultant and a vendor. In addition, he will share with you the best practices that have been common among those customers who have successfully integrated this technology. This presentation will provide the audience with a simple guideline for implementation success, regardless of the technology or solution selected.

Presented by: Alan Kiraly, Lascom Solutions. Alan Kiraly has spent the last 18 years working as an end-user of process and data management software in the manufacturing industry and working for software developers of these solutions. Alan is currently the President and CEO of LASCOM Solutions, Inc., a developer and provider of technical exchange systems, and he is CMII Certified.

Special performances by "tbd"

Closing Remarks and Acknowledgements