



CMMI MADE PRACTICAL

CONFERENCE PREVIEW

5 - 6 April, 2005

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→ **CMMI Made Practical** is a conference covering the drivers for the introduction of CMMI and its practical application in industry today. The conference is aimed at IT directors, senior managers, process improvement specialists and project managers: it consists of two main tracks and an exhibition that runs over 2 days. Listen and learn from leading speakers from the world of defence, government, finance, IT and make a difference to your company.

TRACK 1: PRACTICAL PROCESS IMPROVEMENT

- ✓ Real experience gained in attaining levels
- ✓ How do I start a process improvement programme?
- ✓ What are the pitfalls to be avoided?
- ✓ What is a CMMI appraisal?
- ✓ How capability supports the move to new technology
- ✓ How to use ITIL and CMMI together

TRACK 2: MANAGEMENT & CMMI

- ✓ Why should I be interested in CMMI?
- ✓ How do I get CMMI on the agenda in my organisation?
- ✓ How do I use CMMI to enable Off-Shoring / Outsourcing?
- ✓ How do I qualify a supplier using CMMI?
- ✓ How does CMMI support compliance and governance (SOX, Basle)

The business drivers to effectively deliver software systems have never been stronger and the challenges have never been greater. Most organisations now rely on software to gain strategic competitive advantage and reduce their operating cost base. The problems of achieving these goals are compounded by rapidly changing technology and a complex legacy estate, add to the mix Off-Shoring, an aging skills base and regulatory compliance and we have a serious management challenge.

Discover how to use CMMI to achieve real results.

BOOK NOW!
Book on-line at www.cmminews.co.uk
for just £250 per day + VAT.
Call 01420 594200 if you have any questions.



CMMI AND IT GOVERNANCE

How does ITIL and CMMI interface with IT Governance? Ultimately, IT Governance exists only in the context of Corporate Governance as a whole. How can the Directors say they are in control of their company if IT is critical to its operation and they don't know whether the reports and audit-trails coming out of IT "tell the truth"; and if they don't know what IT they have, where it is and what it is doing? At this conference you'll discover how to use CMMI to address the challenge of IT governance. With practical guidance from leading practitioners, who have proven themselves on real projects, will help guarantee you start on the right track.

THE PROBLEM

Your software development needs to be properly regulated and to conform to more and more legal obligations such as...

- Sarbanes-Oxley (SOX)
- Basle Accord
- Chapter 27 of Companies Act 1985
- Data Protection Act

THE SOLUTION

Use CMMI and ITIL to achieve these requirements and cut your organisation's compliance costs. CMMI (Capability Maturity Model Integration) is a certification of your ability to deliver managed, resilient processes – and ITIL ensures that the technical infrastructure on which the whole IT edifice rests is maintained using accepted "best practices". Don't delay – places are limited.

SOME SESSIONS IN DETAIL

CMMI in brief

→ MARILYN BUSH

This talk will give a brief overview explanation of the Capability Maturity Model Integration CMMI. It will address the real cost benefits of the CMMI, why companies have chosen to use it, how it can be successfully implemented through CMMI assessments (SCAMPIs), and its strengths and weaknesses.

Using requirements management as a springboard for success

→ JEREMY DICK

'Business objective', 'Goal', 'Customer need', 'Contract', 'Regulation', 'Standard' - these are all requirements by another name. With the drive for improved IT Governance, clearly documenting all these types of requirements is essential for IT projects. Requirements Management concerns the gathering, articulation, organisation, tracing and visibility of requirements. Best practice in this area is shown by analyst studies to be a major factor in successful projects. In one study, over 50% of the successful projects named requirements management as a key factor. Requirements Management is a Key Process Area in achieving CMMI Level 2, and Requirements Development is a Key Process Area of Level 3. Giving attention to these practices is essential when looking to improve systems and software development processes. In fact, requirements drive the entire development process. Requirements-Driven Development and Requirements-Driven

5-6 APRIL, 2005

Institute of Directors, Pall Mall, London

Testing are vital to architects, designers, developers and testers who all need visibility of requirements to give confidence in working together to meet requirements and verifying that they are met. This presentation will expand on the areas above, illustrated with case studies, and conclude by looking at the next steps beyond Requirements Management to achieving higher levels of development process maturity.

What governance is required to make improvement programme work?

→ KIERAN DOYLE

There are patterns of organisational governance that are common with successful process improvement programmes. This presentation provides an overview of these patterns and leads the attendees through the practical implications and challenges that organisations typically face in setting up and maintaining the appropriate governance frameworks. In practical terms establishing and maintaining executive involvement, improvement programme management, the software engineering process group (membership, roles, responsibilities), incentivisation and communication.

How companies sometimes misapply the CMMI and make improvement harder: CMMI traps to avoid

→ MARILYN BUSH

Many companies begin process improvement efforts, but significantly fewer achieve the real gains such a program can provide. This talk will explain what the pitfalls companies can fall into and how to avoid them. These pitfalls include:

1. Assuming assessments are externally imposed tests that can be "gamed" rather than a path to radical self-examination that depends on complete openness.
2. Failing to assign senior management a key role in process improvement.
3. Appointing a process improvement manager without real authority to implement post-assessment improvement activities.
4. Assuming that improved processes can be written by consultants (whereas only processes that grow out of internal dynamics have a chance at being implemented, and consultant-driven improvements are usually ignored).

Was it all worth it? The real benefits of attaining a CMMI level

→ PAUL MORGAN

If Process Improvement is a journey then the experience of most organizations is that the path is a rocky one and the places encountered on the way are seldom the ones originally sought. A major contributing factor to this problem arises from the difficulties that organizations face when adapting the chosen process improvement model to their 'real world' situation. Models such as CMM® and CMMI® are generic by design and extensive work is required to ensure that during implementation they contribute positively towards an organizations business goals. Immature organizations are most at risk of allowing the model, rather than their business needs; dictate the nature of their process improvement initiative. This presentation provides a summary of the approach utilised by GTECH in implementing process improvement across its global organization without losing focus of its business drivers. It provides a practical overview of how over a four year period an organization moved from CMM® Level 1 to Level 3 and is currently now transitioning to CMMI® Level 4. The presentation will provide a candid insight including mistakes made, lessons learned, and approaches and tools adopted to achieve success. It will also provide examples of significant and measurable business benefits that have accrued from adopting a documented and repeatable process improvement framework. It should be of particular interest to those operating in a multi-cultural global environment where small remotely distributed teams (i.e. less than 100 resources) deliver commercial solutions. For more information about GTECH visit <http://www.gtech.com>.

EARLYBIRD OFFER

FREE iPod shuffle

Register for both days of the conference by March 18th and we'll give you an iPod shuffle or a 10% discount.



SPEAKER BIOGRAPHIES

Marilyn Bush



Marilyn Bush is one of the authors of The Capability Maturity Model: Guidelines for Improving the Software Process (1995) and more recently co-author of CMMI Assessments: Motivating Positive Change (Addison-Wesley, 2005).

Valerie Cole

Valerie Cole has more than 25 years experience in the IT industry. Valerie was a CMM Lead Assessor and is now a CMMI SCAMPI-A Lead Appraiser. Valerie is also an SEI authorised CMMI Intro instructor.

Annie Combelles



Annie Combelles is president of Q-Labs. She has more than 30 years of project management and governance experience. She was the software project manager for the first generation of embedded systems for Airbus flight control.

Jeremy Dick

Since 1996, he has worked in the Telelogic UK professional services organization, as a principal consultant in tool-supported requirements management. He is co-author of the recent Springer book entitled "Requirements Engineering".

Kieran Doyle

Kieran Doyle is a leading process improvement consultant with Lamri Ltd, he specialises in the practical application of the CMMI in a business context. Kieran has helped a global defence contractor in their CMMI journey to maturity level 3 and supported CMMI programmes in many industry sectors including Telecoms, Finance and Retail.

Andrew Dunham



Andrew's achievements include: the definition and negotiation of the Governance, Transformation and Termination/Exit schedules of the Barclays Project Services Outsource to Accenture; Service Level definition and drafting the contract schedule for an Operations and Infrastructure Support Outsource; Operational Risk assessment of internet services and project management of many change projects in Barclays.

Andrew Griffiths



Andrew has worked in process improvement since 1994 using many tools and techniques including CMM, CMMI, Booch, UML, DSDM, RUP, Objectory and various development tools across the lifecycle.

Paul Morgan



Paul Morgan has over 20 years experience of business administration and technical program management within the commercial and government industry sectors.

Mike Tsykin

Mike joined Fujitsu Australia Limited in 1980, where he founded the Systems Engineering Research Centre (SERC) in 1988. He is currently Senior Business Development Manager with SERC.



BOOKING FORM

Faxback to 01420 540229 or book online at www.cmminews.com

TUESDAY 5TH APRIL

- 09:00-09:30 Registration, refreshments and exhibition
- 09:30-10:30 Why we are investing in CMMI, Cornelis Human
- 10:30-11:00 Refreshments and exhibition
- 11:00-11:40 CMMI in brief, Marilyn Bush

PRACTICAL PROCESS IMPROVEMENT TRACK

- 11:45-12:30 **P1** How we do CMMI at Marks & Spencer
- 13:45-15:15 **P2** Real experience of attaining CMMI Level 3
- 15:45-16:25 **P3** Using requirements management as a springboard for success

MANAGEMENT & CMMI TRACK

- 11:45-12:30 **M1a** CMMI lessons learned
- M1b** CMMI and ITIL
- 13:45-15:15 **M2** How to establish improvement targets
- 15:45-16:25 **M3** What governance is required to make improvement programme work?

- 16:30-17:15 Keynote speaker panel session
- 17:15-20:00 Meet the sponsors and evening cocktail party

WEDNESDAY 6TH APRIL

- 09:00-09:30 Registration, refreshments and exhibition
- 09:30-10:30 CMMI market trends, Andrew Griffiths
- 10:30-11:00 Refreshments and exhibition

PRACTICAL PROCESS IMPROVEMENT TRACK

- 11:00-12:30 **P4** The pragmatic use of technology to achieve CMMI goals
- 13:45-15:15 **P5** How companies sometimes misapply the CMMI and make improvement harder: CMMI traps to avoid
- 15:45-16:25 **P6** The role of measurement in process improvement

MANAGEMENT & CMMI TRACK

- 11:00-12:30 **M4** The CMMI's relevance to compliance and governance
- 13:45-15:15 **M5** Experience of using CMMI in IT procurement and outsourcing / off-shoring
- 15:45-16:25 **M6** Was it all worth it? The real benefits of attaining a CMMI level

- 16:30-17:15 Keynote speaker panel session

TICK YOUR CHOSEN TRACK BELOW

- Practical Process Improvement
- Management & CMMI

TICK THE DAY(S) YOU WILL ATTEND

- Tuesday, April 5th (£250 + VAT)
- Wednesday, April 6th (£250 + VAT)

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