



# CIM3 Executive Brief

## **Towards Highly Effective Distributed Collaboration**

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(v 1.99)



# Introducing CIM3

- CIM Engineering, Inc. - San Mateo, CA
- Incorporated in California – Jan. 1989
- Doing business as:
  - “cim3.com”, “cim3.net” and “cim3.org”
- CIM: Computer Integrated Manufacturing (with our origin in manufacturing and manufacturing systems)
- CIM3:
  - originally, “**Computer Integrated-Man-Machine Manufacturing**”
  - now, “**Collaboration In huMan-Machine-Methodology**”
  - In essence, we are about **People, Tools & Process**



# What Does CIM3 Do?

- Mission: to enable more effective distributed collaboration and virtual enterprise through bootstrapping collective intelligence over the Internet
- Doing business as:
  - “cim3.com”, “cim3.net” and “cim3.org”
  - cim3.com – the business arm of the company
  - cim3.net – the collaborative work environments where client Communities of Practice and distributed team workspaces are hosted
  - cim3.org – the research arm, and holder of the company’s open technology, content and other intellectual properties
- Products/Services: providing an ISP/ASP based Collaborative Work Environment (“CWE”) infrastructure that enables distributed project teams, virtual enterprise partners and communities of practice to work effectively over the Internet.



# CIM3's Approach

- Augmentation - collaboration - human-machine interaction – bootstrapping
- Openness - we use open-source software & comply with open standards as much as we can; we open-source our technology and content, and participate in open standards development
- Capitalizing on the Internet technology: taking it
  - from the research and academic network
  - to the current form as publishing media
  - to Transactions and Web Services
  - onto being its future as knowledge media in the Semantic Web
- Providing platform neutral support; and enterprise quality & robustness
- System built upon a knowledge architecture optimized for distributed teamwork
- Emphasis on effectiveness and strategic value - not technology
- Supporting the entire spectrum of users: from the uninitiated to the power users
- While we do open-source work, we believe in properly remunerating our contributors



# Sample Projects / Engagements

- [ontolog] Forum - an international forum on business ontologies
- OASIS-UBL TC work/collaboration support
- Millennium Project - State of the Future Index (“SOFI”) System Development
- AC/UNU-Millennium Project - hosting and collaboration support
- High School Robotics Team support - an instance of the FIRST Robotics Competition program
- Support to US Federal eGovernment initiatives
- The Engelbart UnRev-II Colloquium at Stanford University

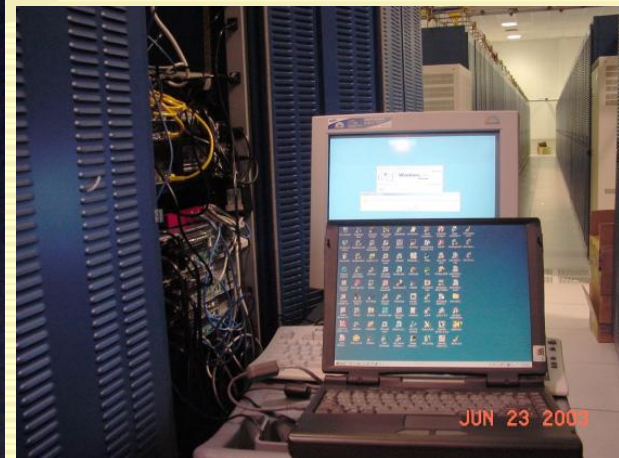


# Collaboration Tools & Processes

- CIM3 provide a basic suite of both asynchronous and synchronous collaboration tools.
- Also important are the processes that facilitate and support distributed communities and project team work.
- Our core server platform runs on Linux, and is built to meet scalability, fault tolerance and high availability design criteria.
- We employ open source software and tools, predominantly; and we open source the software and technology that we develop.
- We comply with open standards – particularly in internet protocols, xml, java, web services, accessibility, internationalization & localization.
- The Collaborative Work Environment (“cwe”) product we host provides the platform neutral workspace for highly effective distributed community and team work. (It’ll support Windows PC’s, Macintoshes, Linux and Unix machines, all working together at the same time.)



# The Hosting Facility





# The Collaborative Work Environment Features

- archived email forum
- wiki – a read-and-write web
- document repository/file sharing workspace
- Community of Practice (CoP) portal/website
- Fine-grain access and linking (“purple numbers”)
- Full-text search
- voice conferencing
- screen/application sharing
- instant messaging
- real-time chat session
- Optimized for distributed community and teamwork
- Platform neutral





## A scenario on how CIM3 can help your organization :

- starting with a face-to-face (or synchronous) workshop
- start a pilot (hosted) archived forum followed by the full async collaboration suite
- start a pilot, then a retainer for synchronous collaboration support
- expand to multi-project hosted collaboration support
- Commissioning of customized internal collaboration infrastructure
- engagements in consulting and professional services projects
- engagements in software/solution development projects



# References

- [Doug Engelbart's Bootstrap Vision and Mission](#)
- The American Council for the United Nations University's Millennium Project work on the [State of the Future Index System Development](#)
- [\[ontolog-forum\]](#) the international open forum on the informal and formal ontology for the business domain
- More Information on
  - [CIM3](#)
  - Peter Yim ([bio](#))