

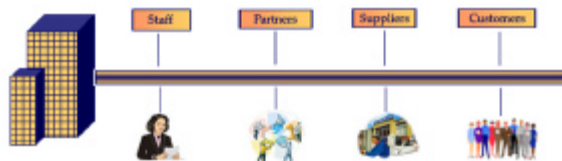
“Innovation is a critical factor in the success of industrial companies”.

Innovation is a critical factor in the **success** of industrial companies, and just as important is the need to get **innovative products** to the **market** quickly. Therefore, it is important to talk about **“Management of product development time”**, launching the product into the market just spending the **planned time and resources** and at the **real moment**, giving back to the company **higher market share** and better **returns**.

AIM Innovation Toolkit addresses the problem of the **management** of distributed **Innovation Knowledge** and **Ideas** in complex **manufacturing systems** and the **development** of these Ideas **on a project basis** into a means of fostering **industrial innovations**.

Using *AIM* solution allows companies to:

- Reduce the product innovation cycle-time by at least 30%.
- Reduce the time and efforts for solving product/process problems by at least 25%.
- Improve the process efficiency by 15%.



AIM is an IST project partially funded by the European Commission under its Fifth Framework Programme of Research and Technological Development.

Partners



<http://www.labein.es>



<http://www.cut-tools.co.uk>



<http://www.ball-europe.com>



<http://www.atosorigin.com>



<http://www.mbairsystems.co.uk>



<http://www.atb-bremen.de>



<http://www.icimsi.ch>



AIM Innovation Toolkit©



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“Acceleration of Innovative Ideas to Market”

For more information, please visit our page:

<http://www.atb-bremen.de/projects/aim>

Or contact our Project Manager

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Who needs AIM

- **Industrial companies** with **complex products and/or processes**,
- with a substantial requirement for **incremental innovation** on products and processes,
- which need to **harness** the product and process **knowledge** of their staff, suppliers and customers,
- using the **latest Technologies**.

AIM Value Added Services

AIM System consists of a set of value added services on a **project basis**.

These services involve the **customisation and installation** of the AIM System, **commissioning**, developing **training** methodology and **consulting** (setting up the product information system and integrating with current technical infrastructure).

Why do you need AIM

- *AIM* supports the collection of **all useful Knowledge and Ideas** throughout the **extended enterprise** for new and existing process and product developments.
- *AIM* enables the **complete modelling of the extended enterprise** (i.e. the departments, staff, processes, products, customers, innovations etc.), in order to support an appropriate and efficient structure for ideas and problems.
- *AIM* supports users in **solving problems**, by providing **in-depth analysis** and **methods** to identify probable causes of a failure situation and determine actions to eliminate the problem.
- *AIM* supports users in the **technical development of Ideas**, by following a guided process for in-depth analysis and **solving of technical contradictions**.
- *AIM* includes a **common knowledge base** (i.e. database) to store all the information introduced in the system, enabling to re-use knowledge, and avoiding the lost of ideas.
- *AIM* supports the complete **assessment** of the **Concepts** generated in terms of technical viability, resources, costs, benefits...
- *AIM* comprehends **Innovation Management** functionality, to determine the **process of innovation**, to deliver information between participating actors and **monitor** the advance of Ideas in the innovation **life cycle**.

State of the art Technology

- *AIM* supports and uses state-of-the-art standards and technologies, including XML, J2EE1.3, J2SE1.4, EJB2.0, WebServices and numerous APIs.
- *AIM* uses open source/freeware libraries and technologies such as JBoss, JDom/Xerces – XML Parser etc.
- *AIM* supports several database management systems, such as Oracle, MySQL and Informix.
- *AIM* strongly uses component-based development, enabling an easy extensibility, robustness and customisation.
- *AIM* is **Java 2 compliant** and is based on 3-tier architecture.

AIM is available in:

AIM is available in several options, included two types of clients:

1. **The Java Client** is a Java application, which is installed in a PC and accesses the AIM main server.
2. **The Web Browser Client** does not require any installation, and accesses the main server using a web browser (e.g. Netscape, Internet Explorer).