

# select process director

Select Process Director ensures your Software Development Process is put into Practice

**Select Process Director provides a practical approach for rolling out software development life-cycles processes**

- Pre-loaded with industry best practices
  - Waterfall life-cycle
  - Staged life-cycle
  - Spiral life-cycle
  - Select Perspective™
  - Management best practices
- Delivers process information to team members in a way that encourages them to apply it including Tasks, Deliverables, Roles, Risks, Metrics, Entry Conditions, Exit Conditions, Prerequisites, Techniques and Tools
- Provide templates, estimates, and other examples of similar work
- Active mentoring with 'on the job' process assistance for every team member
- Highly configurable Browser interface with XML repository

## APPLY CONTEMPORARY PROCESSES TO TODAY'S BUSINESS PROBLEMS

Organizations usually define their software development life-cycles based on extensive research into industry best practices and previous project experience. Their intent is to deliver applications that give competitive edge and solve business problems, better, faster and more economically.

However, the research necessary to define the life-cycles is enormous and the findings ever changing. This approach is complicated further by the training and mentoring necessary to encourage software developers to apply today's methods of software development.

Aonix's **Select Process Director** helps you solve the challenge of researching and rolling out a software development life-cycle process. Process Director gives managers more project control and assists developers in being more productive.

You can improve quality while supporting rapid development and easy maintenance. Aonix have done the hard work for you by investing more than 25 person years in documenting today's primary software development processes. **Select Process Director** is pre-loaded with the following life-cycles:

### WATERFALL

The classic waterfall software development life-cycle, is perhaps the best understood of all the development life-cycles. Activities are performed sequentially and one activity must be finished before starting the next. The most common sequence being: Analysis, Design, Code and Test. For these reasons, it forms the basis of many contemporary and 'unified' processes.

### STAGED

Based upon processes such as DSDM (Dynamic Systems Development Method), the system is delivered in discreet usable packets of functionality to the end user. This leads to the customer getting the most important parts of the system more quickly.

### SPIRAL

The spiral development lifecycle uses small iterative, investigative steps at the start of the project to evaluate the problem and the effectiveness of solutions. Risk analysis is a big part of the spiral lifecycle and as the project become better defined and risks are removed the project may use the waterfall lifecycle to finish it off.

### SELECT PERSPECTIVE

**Select Perspective** is Aonix's approach to software design and development. Starting in 1994, **Select Perspective** has evolved as the best practice process for organizational Component Based Development (CBD). This process is founded on Supply-Manage-Consume CBD, UML, Object-Orientation and Iterative/Incremental software development. More information regarding the **Select Perspective** and the supporting toolset **Select Component Factory** can be found on the companion data sheets.



## MANAGEMENT BEST PRACTICES FOR

- Management (mission setting, morale and objectives)
- Project Startup
- Project Management (coaching, project planning, estimating, discipline, recruitment and briefing)
- Project Reviews
- Project Recovery (stabilization, re-scope and recovery) are provided to support any type of software development team or project

## ACCESS ALL PROCESS DEFINITIONS

As well as the XML repository, containing the best practice processes, **Select Process Director** provides two major user interfaces. Firstly the 'Browser', which provides easy access to process definitions, helping developers view and navigate all of the defined life-cycles while completing daily tasks. Developers can easily find out what to do, how to do it, what tools to use, and who should be involved. The 'Browser' is essential in understanding and using the software development processes, making processes accessible to the project teams.



## IMPROVE TASK MANAGEMENT

Secondly, **Select Process Director's** 'Heads-Up Display' (HUD) makes the development process highly available, offering a task list (based upon the Process Director Plus project plan) for each developer. The current task appears at the top of the display, with hot-links to the relevant information in the 'Browser'. In addition to helping developers track their tasks, the HUD provides mentoring within the context of their daily work, as well as facilities for recording task progress. When used in conjunction with **Select Process Director Plus™**, the HUD provide developer benefits which actually encourage process adoption, and project managers with better visibility and control.

## SHORTCUT RESEARCH AND MANAGE PROCESS ADOPTION

**Select Process Director** provides an effective approach to researching and deploying software development life-cycles, pragmatically and efficiently on each and every project. **Select Process Director** is an invaluable process mentoring tool for every team member.

## EXTEND INTO SELECT PROCESS DIRECTOR PLUS

In its own right, **Select Process Director** is an incredibly powerful process communication and rollout toolset, used by every team member. When extended with Aonix's **Select Process Director Plus** (for life-cycle and project managers), **Select Process Director** becomes an enabling technology for life-cycle definition, project management and process improvement.

To find out more about how Aonix's **Select Process Director** can help your software development teams apply best practice processes on their projects visit [www.aonix.com](http://www.aonix.com), refer to the companion data sheets or contact us with one of the following numbers.

## About Company

Aonix, a Gores Technology Group company, is a leading international software company with customers drawn from the Global 1000.

The company's Select Business Solutions division provides a comprehensive suite of business software development products comprised of Select Component Factory, Select Component Manager, Select Component Architect, Reviewer for Select Component Architect, JSync, VBSync and CSync. Select Business Solutions also supports process definition, management and rollout with the Select Process Director Suite. All tools are supported by a full complement of professional services in addition to the development methodology, Select Perspective.

Headquartered in San Diego, Aonix operates sales offices throughout North America and Europe in addition to a network of international distributors. For more information, visit [www.aonix.com](http://www.aonix.com).



[www.aonix.com](http://www.aonix.com)

Call US, Canada & Mexico

Call UK

Call Benelux

Call Germany

[infosbs@aonix.com](mailto:infosbs@aonix.com)

1-800-97-AONIX (1-800-972-6649)

+44-(0)-1242-229700

+31-(0)-23-5689133

+49-(0)-(721)-98653-0

For other countries contact details please Call UK



Aonix

©2002  
Aonix Corp