



## D6.3 Public Website Version 1.0

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## Change Log

Version	Description of Change
v1.0	Initial Draft released to the European Commission

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## Executive Summary

Web presence is the central element in the dissemination activities of the PROARTIS Project. This document describes the structure, the content and the update process for the PROARTIS Project Public Website. The actual deliverable is available at: [www.proartis-project.eu](http://www.proartis-project.eu).

## 1 Design and Implementation

The PROARTIS Project Public Website ([www.proartis-project.eu](http://www.proartis-project.eu)) was implemented by the BSC web designer and webmaster. The appearance of the website reflects the corporate image of the project through a clean and functional design and a simple logo.

The website is based on a Drupal Content Management System. Drupal is a free content management system which allows maximum flexibility for content updates and allows extensions to the structure both regarding the number of topics as well as the depth of the information.

## 2 Structure and Content

The structure of the website is presently divided into the following main headings.

### **2.1 Home**

This main page frames the larger PROARTIS Project problem and describes the high level project objectives. It also informs the reader that the project is funded by the European Commission's 7<sup>th</sup> framework programme and contains the generic European flag and FP7 logos. It also mentions the area of activity of the project through the Cooperation link at the bottom of the page.

### **2.2 Partners**

The "Partners" page presents the complete list of Partners and links to their institutional websites as well as introduces the key individual contributors to the project via short biographical sketches.

### **2.3 Industrial Advisors**

The "Industrial Advisors" page introduces the members of the Industrial Advisory Board and links to their institutional websites. It also provides a short description of the purpose of the board.

### **2.4 Publications**

The "Publications" page lists all scientific publications related to the project beginning with the most recent publication. It has a searchable database backend that allows the viewer to search by Author and Title in addition to Date. A link to the complete paper will be provided when possible (based on copyright permissions).

## **2.5 Press Center**

The “Press Center” offers quick access to project Press Releases as well as articles that have been published about the project. This page also includes downloads for the project logos.

## **2.6 Deliverables**

The “Deliverables” page will provide immediate access to all public deliverables. For all Deliverables that are not public, it will include a description and provide a point of contact for obtaining more information. Moreover, when logged into the Public Website, all project participants will have immediate access to all deliverables.

## **2.7 Contact**

The “Contact” page provides a form for contacting the Coordinator for inquiries regarding the PROARTIS Project or the Public Website.

# **3 Content Updates and Maintenance**

The Project Manager (from the Coordinator), is responsible for driving website updates on a regular basis, collaborating closely with the head of the Dissemination Work Package (WP6). The Project Manager strives to update news on a monthly basis as well as maintain that Press Releases, publications and deliverables are posted in a timely manner. Each EB Member is responsible for and has the administrative rights to make modifications to the descriptions of his or her respective institution as well as the descriptions of each team member. The website backend (web server) is maintained by BSC staff.

# **4 Preview**

The following is a preview of the PROARTIS Public Website at the time of writing this document. However, it should be noted that the Executive Board is currently working to simplify the content of “Home” and will potentially expand the site to include an “About” page. Thus, the actual content may vary from the screen capture below.

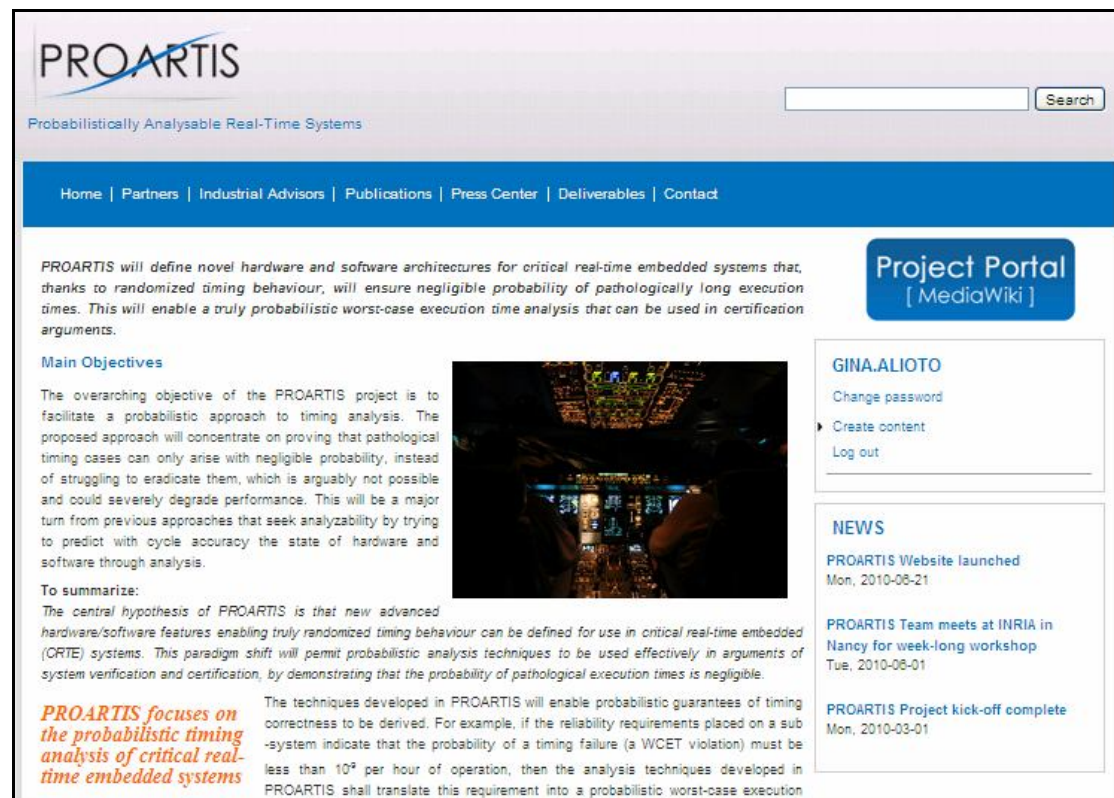


Figure 1 - PROARTIS Public Website

## 5 Technical Implementation

The following technical requirements and implementation were defined by the PROARTIS Webmaster in conjunction with the Project Manager and the BSC Operation Team.

### 5.1 Domain

The domain used for the PROARTIS Public Website is [www.proartis-project.eu](http://www.proartis-project.eu). This domain has been registered by the Project Coordinator under the name of Barcelona Supercomputing Center via the registration company Nominalia Internet S.L. ([www.nominalia.com](http://www.nominalia.com)) and is valid from the 02.2010 until 02.13. It must be renewed on a yearly basis.

### 5.2 Server

The server is on a machine dedicated to supporting BSC Coordinated European Projects and has the following features:

- Operating System: Linux SLES 10 SP 2
- Web server: Apache 2.2.3
- MySQL server version: 5.x - MySQL 5.0.26
- PHP 5.x - PHP 5.2.5

The Public Website and Project Portal reside on a BSC desktop with the configuration: 2+ GB RAM, 160+ GB HDD, dual core. Since all machine administration is performed remotely, it does not have a monitor, keyboard or mouse.

### **5.3 Software**

For the Public Website the following software has been used:

- Drupal version 6.16

### **5.4 Security**

The following security guidelines have been followed:

- SSL\* (HTTPS) protection by a working certificate (bought from an official Certification Authority, CA) has been implemented for all Project portal pages and important pages of the Public part of the website, e.g. Members login page.
- The Public Website is password protected. To simplify the process of user management and authentication, a local LDAP\* server has been installed, in order to provide a centralized user management endpoint.

### **5.5 Databases**

The Project Portal has a separate MySQL database.

### **5.6 Back-up**

Automated Backups of the Public Website including databases, are performed twice weekly by BSC Operations team.

### **5.7 Disk Usage and Bandwidth**

The Public Website is updated regularly, and some potentially large files are uploaded to and downloaded from it. The Public Website content types include news, publications, personal partner pages, photos and documents. The web server and its implementation have the disk space and Internet bandwidth to handle these types of content and to afford the level of concurrency expected given the number of users in the project.

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\* All words marked by an asterisk are included in the list of Acronyms and Abbreviations section of this deliverable.

## **Acronyms and Abbreviations**

- **LDAP** or Lightweight Directory Access Protocol is an application protocol for querying and modifying data using directory services running over TCP/IP.
- **SSL** is a Secure Software Layer to provide encryption-enhanced data access.