

## PARTECS™ Integration Overview

### **FUNCTIONALITY:**

The PARTECS™ platform allows for communities of users to come together and collaboratively make proposals and participate in decisions making processes through voice, web, email, fax and regular post.

### **MAIN TECHNOLOGIES:**

PARTECS™ is written in python and build upon the Zope Application Server and Application Framework, and primarily on its Content Management Framework (CMF) and its Plone CMS. All user, administrator and sub-administrator functionalities are available through web interface, and it can run on either a Gnu/Linux or a Windows server.

### **GRAPHICAL USER INTERFACE:**

PARTECS™ uses standards compliant *xhtml1.0* and *css* style sheets for all pages. This enables a full re-styling of the graphical user interface and navigational experience, support a seamless integration with the existing web systems of the client. It conforms to international standards of accessibility, such the "Level Double-A Conformance to Web Content Accessibility Guidelines 1.0" by the W3C.

### **SYNCHRONOUS INTEGRATION:**

All functionality of our platform can be called and activated using the web services standard interface XML-RPC. It also currently has client support to interface to SOAP, Microsoft COM, and partial support for Corba, Java RMI.

### **ASYNCHRONOUS INTEGRATION:**

It uses it's own integrated objects database, ZODB as a back end. However, the system can easily interface with an external database and directories, through its full support for LDAP directories and the specific module to interface each of the most common RDBMs applications, such as MySQL, Postgres, Oracle, Microsoft SQL Server.

### **CUSTOMIZATION AND INTEGRATION WITH EXTERNAL SYSTEMS:**

The following sections detail the opportunities for integrating the PARTECS platform with third-party applications and systems. In each case, the system provides a clean and easy-to-use API that will help in this integration process. PARTECS developers are also available on a consulting basis to provide assistance with any difficulties that may be encountered during this integration.

- External Databases
  - Oracle
  - MS SQL-Server
  - DB2
  - PostGres
  - MySQL
- Access Control and Authentication
  - LDAP
  - Single Sign On (SSO)
  - NTLM
- Document Management Systems
  - Vignette
  - Documentum
- Rich Media
  - Speech Synthesis (Text to Speech)
  - Podcasting
  - Telephony
  - Skype
- Education
  - Courseware development
  - LMS (e-Learning Management Systems)
- Mobile Applications
  - Calendar Synchronization
- e-Commerce
  - Shopping cart applications
  - Pay per use system
- User Interface
  - Custom Skins
- Communication Protocols
  - SOAP
- Miscellaneous
  - Google Maps
  - Chat clients
  - Newsletters & Online Reports

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