



ASP: Hosting Solution

Introduction

This offer is intended for those organisations not wishing to manage or maintain in-house the software and hardware components necessary to the implementation of a photographic or multimedia library. It is based on the leasing of the complete version of the Orpheo Studio software package: the Enterprise Edition.

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The Orpheo ASP (Application Service Provider) solution includes the provision of part of a shared server for your database:

- ▶ Hosting of your rented or purchased licenses for the software package Orpheo Studio, version 3 for Oracle (Internet publication included)
- ▶ Publication of your database on the Internet via ADSL
- ▶ Rental of the ADSL line (with a fixed IP address) used by your clients and included in this offer.

The registration and management of your domain name is not included in this offer.

The publication on the Internet of your image bank can be completed with the billing and invoicing software, Orpheo RIM.

Details of the Offer

On the server, your own file directory will be created so that you can safely and securely upload your documents via FTP. The system will automatically integrate them, extracting any existing IPTC data from indexed media files. During the cataloguing of the images, a thumbnail, zoom and high-resolution (optional) image will be generated for each document for use on the web interface.

Via high-speed connection, you can index the catalogued images using Orpheo CS/3.

A pivot language must be chosen.

Orpheo CS/3 includes the following functionalities:

- ▶ Indexation of your documents
- ▶ 3 search modes: full text, keywords and description fields
- ▶ Viewing of documents in lists and thumbnails
- ▶ Thesaurus (value list) management
- ▶ Management of features and public selections
- ▶ Management of users and user groups (password-protected access to the database)
- ▶ Sending of virtual messages from the web site (files are not actually sent) from a selection of images
- ▶ Sending a selection of images to one or several contacts via email from the web site (files are sent)

- ▶ Viewing and handling of orders placed (with an updatable order history for each client).

Orphea Web Server

OWS lets users access the published database with an Internet browser to search, extract and create selections of documents as well as to order, send, mail and download those selections in the desired format. The integration of customized pages is based on the desired design guidelines (after your approval), taking into account the technical constraints related to Orphea Web Server. The development of specific customized code and/or pages is not included in this offer. If you wish to have such items developed, Algoba can also develop them (associated costs will be added as options to the budget).

The web installation phase is preceded by a study of the functional settings of your project (length of each web session, maximum number of search results, management of user profiles and set-up of static pages, for example).

Internet Activity Log

The Internet Activity Log is a tool that lets you view the site activity on a PC computer.

The Data Center

Access to the servers is strictly controlled -- only those persons presenting a registered ID are admitted. The server room is guarded 24 hours a day. The respect of your data confidentiality is a standard clause in our contracts.

Surveillance and Anti-intrusion Security Guard

The Data Center is encircled by a completely guarded and secured zone with a closed-circuit video system, and the permanent presence of a highly-qualified and experienced technical team who have been trained on the specific equipment of the site.

Power

- ▶ Availability ratio (SLA): 100%.
- ▶ A double feed of 4 MVA from EDF, originating from two different electrical stations, one in support of the other
- ▶ More than two generators of 2 MVA, each one deployed on location as a 3rd power source with a 3rd emergency generator of 2 MVA.
- ▶ In case of a double power failure from EDF, the emergency generators would immediately take the relay of the entire building's electricity. The time it would take to start the system is approximately 40 seconds; this latency time would be covered by corrugated batteries.

Air Conditioning

- ▶ Ratio of availability (SLA): 100%
- ▶ Average functioning conditions: 22°C (± 3°C)
- ▶ The Data center has an air conditioning system that includes 2 separate systems (A & B), each redundant. They include 6 chillers, 4 cooling towers, 60 CCUs (Close Control Unit) and 2 water reserve systems on site for the cooling towers.

Fire Protection

The Data center's smoke detection and fire extinguishing system is as follows:

- ▶ On each floor, fire detectors are situated in an ambient zone (area above the floor). If a fire were to break out, these sensors would immediately send a signal to the control center in the NOC via individual CE24 boxes located on each floor.
- ▶ The CE24 in the affected zone would then send the information to the main central which would analyze the data and then set off the fire alarms, shut down the air conditioning armoires and unlock all the the doors on the affected floor. 30 seconds later, the floor would be inundated with FM200 gas whose effect is to consume all oxygen present, therefore extinguishing the fire.
- ▶ The effectiveness of the FM200 gas secures and protects the server rooms as well as all the client equipment.

Hosting Platform Hardware

Our platform includes:

- ▶ A shared web server in charge of publishing client web sites.
- ▶ 2 database servers in charge of storing the clients' métadata.
- ▶ 2 NAS (Network Attached Server) of 3 Tb capacity in charge of storing media (photo, video, sound, PDF...).
- ▶ 2 application servers in charge of providing terminal server access.
- ▶ 1 application server in charge of cataloguing clients' media.
- ▶ 3 CISCO firewalls in charge of web site protection.
- ▶ 2 shared high-speed Internet lines (100 Mb/s).

Our hardware choices have been established to guarantee the best ratio of availability, performance and resistance to breakdown (bi-processor machine).

The Oracle servers are 2 identical machines of high capacity. The separation of the web server and the Oracle servers is important because it guarantees a safety precaution.

Backup

A daily and differential backup is programmed each day to back up all the client media and the metadata.