



## TECA DIGITALE

A simple, secure and effective tool for the management, publication, searching and integrated use of data and images in a customer archive



**Teca Digitale** opens up new scenarios in the management and use of historic, cultural and artistic heritage.

With Teca Digitale you can **preserve originals** because high quality reproductions can be obtained directly from the digitized material. You can also **increase** the number of **potential users** by eliminating the need to go to the location where the originals are stored, and allowing access to the material from a number of different profiles.

The **highest standards of quality** and consistency are guaranteed by a **system of checks** both during digitization and after publication of the material.

Thanks to its **modularity** and **scalability**, Teca Digitale integrates smoothly with the client's IT knowhow and specific requirements in terms of the volume of material to be preserved and published. The system was developed entirely with **Open Source technologies** and therefore does not require expensive software platform licenses. However, it guarantees full integration with legacy technology infrastructures.

## EDITING METADATA

- Create, edit and implement the metadata the customer already uses. The Teca does not publish metadata and then manage data and image updates in the database. It reads metadata and allows it to be edited. This means the customer can be sure that any updates to the metadata (correction or optical character recognition, for example, on published images) are aligned to and do not alter the data conservation format, keeping it aligned to the published format without expensive reprocessing costs.

## STANDARD

- Compliance with open standards (free availability, adopted and maintained by non-profit associations, royalty free, no restrictions on re-use, edits, and/or extensions) OAI-PMH and XML METADATA SCHEMA.

## PUBLICATION

- Verifies data integrity and compliance with standards;
- Monitors system statistics in real time, (total number of xml, number of images, space used, and lists any errors found by processes residing on the server during regular data integrity checks);
- Can use any digital object composed of metadata and images.

## OAI-PMH

- Full compliance with standards and complete compatibility with institutional portals;
- Teca Digitale manages both the client and server side of the OAI-PMH protocol, ensuring total interoperability.

# TECA DIGITALE TECHNICAL SPECIFICATIONS

## MODULES

- Management;
- Data and imaging uploading (standalone as an alternative to the management module);
- Editing metadata: xml metadata creation, editing and updating;
- Data and image publication;
- Data research;
- Viewer;
- Front-End 'Teca' for image transmission and OAI – PMH interface.

## RESEARCH

- Full-text on all of the metadata content;
- Result subdivided by type of material and by an additional filter that the user can set according to requirements (library collection, project, etc.);
- Can be used by Boolean operators for advanced research, including combined research using several research keys and filters.

## CONSERVATION

- Can manage the three image formats online, including archive;
- When the conservation image format is stored on external media (e.g. LTO), the application traces the location of the images and metadata so they can be retrieved;
- Conservation management completely disconnected from the choice of HW;
- Conserves, maintains and implements metadata and images directly in the standard format (open standard) so the digital object is disconnected from the technology (HW or SW) for the purpose of conservation.

In this sense Teca Digitale can be considered an open system.