Assion Electronic

Simplify your business

JULIA²

A new way of taking inventory and archiving!

JULIA² is the first fully automated system of taking inventory and archiving for exhibits and other objects. The System provides automatic inventory and the RFID technology simplifies the internal and external communication.

JULIA² can be used not only in archives of museums but also in galleries, libraries, showcases or at archaeological and paleontological excavation sites; especially where objects have to show a high mobility.

The technology and concept:

Once registered – always at your fingertips

JULIA² is the first system for inventorying and archiving exhibits and other objects providing automatic inventory. When taking inventory objects are equipped with a transponder. These electronic labels are marked with the required information by a handheld reader or a stationary write unit.

Improved communication possibilities by optimal archiving

JULIA² provides an innovative system of archiving that tremendously simplifies internal and external communication. JULIA² guarantees a drastic reduction of administrative expenses and offers various selection options such as the localization of exhibits by specifically developed readers integrated in depot sliding panels which provide quicker access to objects and related data, even virtual exhibitions and restorations are possible.

Once an object's data is recorded it can be exhibited, go on loan, be moved and presented. If transponder is attached skillfully and invisibly, only insiders are able to identify exhibits. Therefore a stolen picture can be identified beyond any doubt.
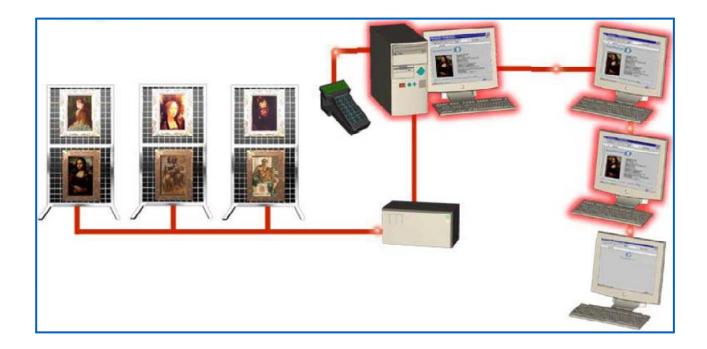
Assion Electronic

JULIA²

JULIA² also offers many advantages for archaeological/paleontological teams. The tedious and costly handling of cards at excavation sites is finally a thing of the past.

Modern communication systems make it possible to transmit data entered at the site via e-mail, in order to have objects analyzed by a third party or to obtain important information, not available at the excavation site.

Automatic data transfer

The read units in the archives read out the inventoried and transponder-equipped exhibits. The articles are kept in depot sliding panels. All authorized users within the network are provided with complete access to every up-to-date piece of information at any time (e.g. current stock, permanent inventory etc.)

Exhibits going on loan or leaving the archive for restoration purposes will be checked at the exit by a gate antenna. The incident and related data like date, time and executing staff member is recorded. Exact location information of the exhibit is always up-to-date and available.

JULIA²

Where to use:

Archiving – Tedious searching is finally a thing of the past by digital cataloging:

Regardless the kind of object is stored in an archive, once an object's data is entered, **JULIA²** does the stocktaking automatically. Finding an object in an archive is a very easy. In addition digital cataloging guarantees a drastic reduction of administrative expenses and dramatically increases the speed of data processing and the quality of logistics. The time-consuming search in numerous card index boxes is obsolete. Contrary to photographic archives fading with age digital data's longevity is unlimited. Copying digital data is also much easier and less expensive than trying to save microfilm material. Apart from the always up-to-date archive inventory, there is also more security for all objects of art. Entrances of museums and archives can be equipped with a reader. Thus you are promptly notified should an object of art "leave" the premises/facilities. Voice-notification is a useful option.

Galleries and Museums – More logistic clarity:

JULIA² enriches a museum's options in all areas, be it objects going on loan, exhibitions or international communication. Firstly, data can be accessed quickly via computer network and secondly, information is also stored via transponder on the exhibit itself. JULIA2 can be ordered as a subsystem complementing a software that is already being used, e.g. HiDA. Concerning the restoration of art object, an always up-to-date database contributes to simplify the reconstruction of damaged pictures by instantly visualizing exhibits.

Archeological excavation sites – Less time and money at excavation sites:

Particularly in the field of archeological excavations the system **JULIA²** creates more security. Transponders are attached to objects either by rubber fasteners or by other suitable fasteners. Data can be processed immediately via laptop. Electronic archiving puts not only an end to the use of index cards, which is time-consuming and prone to error, but also provides a quicker and more efficient analysis, that can be transmitted via Internet to other partners. Complex reconstructions, e.g. putting together a dinosaur, are substantially simplified by digital data and the functions (tables, various selection functions) it allows.

Assion Electronic

JULIA²

Customer's benefit: More communication — less expenses

- Applicable for all kinds of art objects, paintings, photographs, sculptures, collages, books and other documents

- Innovative transponder technology for optimal internal and external communication

- Increased efficiency for the "daily workload" by digital cataloguing

- Less work and costs for the maintenance of archive data

- Faster access to selected exhibits

- Footage/pictures readily available

- Always up to date archive data

- No time-consuming handling of index cards

- A whole variety of presentation possibilities

- Less touching/handling results in less damage of objects

- Up-to-the-minute transparency of every logistic process

- No loss of data as in photographic archives due to fading, etc.

- Faster high-quality data available

- Facilitated restoration possibilities

- Almost unlimited longevity of digital data

- Compatible with any type of software, trouble-free copying of data to and from other systems

- Costs are bound to steadily decline