



## Project LIBER-IMMS

*Libraries are complex organisations which handle enormous numbers of items not only books and maps but increasingly CDs, DVDs, VHS tapes etc. The management of libraries requires the protection of inventory, rapid and efficient handling of transactions with the citizen and improved information availability to the citizen whether he/she be inside the library or at home. In view of the volume of transactions errors can and do occur. Improvements are needed over current manual and barcode systems even though an increase in the availability of human resources does not seem possible.*

The purpose of the **eTEN LIBER-IMMS project** is to validate the use of radio frequency identification tags (RFID) tags, together with web, email and SMS communication technologies, to improve the management of libraries, and to provide citizen innovative informative services within and outside the library rooms. The service to be validated will:

- Improve the efficiency of librarians in their daily activities through the improved error free tracing of items with consequent saving of handling costs,
- Permit faster and more private lending and return of library items using a self-service process rather than the traditional manual process,
- Improve just in time information on the availability of items to the citizen using Internet and mobile communications without having to be present at the library himself/herself.
- Improve library security.

The main purpose of the market validation in **LIBER-IMMS** is to demonstrate the improvement in library management which radio frequency identification tags can offer. LIBER-IMMS will also demonstrate the improved security in dealing with library items and the improvement in citizen satisfaction when using the library service. The prototype service will be validated in four libraries in Italy, Spain and Romania.

The **LIBER-IMMS service** will improve citizen satisfaction with the library service by shortening queues, providing immediate information about the availability of items and allowing self-service check-in and check-out. Information and booking services will be available over the Internet or from a mobile device thereby reducing fruitless visits to the library.

The market validation will demonstrate the viability of the business plan especially concerning the use of radio frequency identification tags for such purposes.

**LIBER-IMMS** offers a more efficient, user friendly and secure way to manage libraries making available not only new services for the librarian but also for the citizen. If the business feasibility is proven, a new reference point will be established for libraries world-wide.

These advantages position the **LIBER-IMMS solution** as a “modern on line public service” in eGovernment.

<b>Funding</b>	849.997 Euros
<b>Duration</b>	18 months
<b>Start</b>	March 2005
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