

LOGISTICS

PHARMA



Implementation of a Comprehensive Management System for all Facilities of the FOREM (Public Service of Employment and Training)

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|-------------------|--|---------------------|--|
| Partner: | FOREM | Application: | Building management |
| Sector: | Institutional | Country: | Belgium |
| Employees: | 3,700+ | Technology: | RFID 125 kHz RFIDEA management software |
| Website: | www.leforem.be | | |

Client situation and challenge:

- ⇒ 5,000 facilities spread out over all buildings on the 175 sites occupied by the institution;
- ⇒ Long, difficult and tedious inventory of these facilities;
- ⇒ Need for a solution to provide semi-automation of the facilities inventory-taking process.

Solution:

- ⇒ Selection of an appropriate RFID tag for the FOREM's specific environment, containing a unique ID (corresponding to the facility to be identified) and a memory zone to record the various items of information about the resources used in each facility;
- ⇒ Development of a computer application for entry and sharing of information;
- ⇒ Use of a Tablet PC and Pen Reader to increase efficacy and reduce encoding time;
- ⇒ Development of a module for the creation of dynamic maps compatible with the Autocad[®] format;
- ⇒ Mobilisation of significant human resources (5 set-up teams and one supervision team) and specific organisational tools.



WSL - Liège Science Park
Rue des Chasseurs Ardennais, 10
B-4031 Angleur - Liège
Belgium

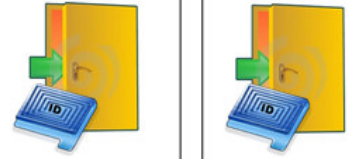
Phone : +32 (0)4 364 26 20 • Fax : +32 (0)4 364 26 21 • e-mail: info@rfidea.com
RC liège n°212373 • TVA BE479325104 • FORTIS:001 3869625 80

Principe:

Attachment of tags, followed by semi-automatic encoding of each tag's ID via the specific RFIDEA application.

Linking of the IDs with the location of the facilities in the various buildings.

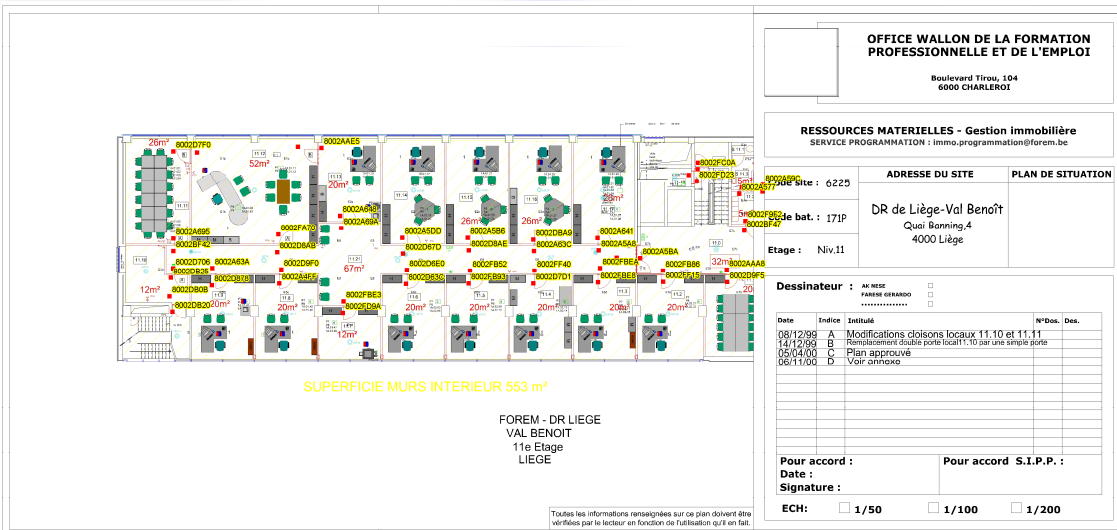
Transmission of the data to a central server.



Identification et
Mise à jour des
données puce



Serveur central
à jour

**Advantages:**

- ⇒ Identification of all 5,000 facilities, representing attachment of over 10,000 tags in 25 days;
- ⇒ Supply and use of high-performance encoding tools;
- ⇒ Interoperability of the solution implemented with existing facility management software tools on the market;
- ⇒ Great flexibility of RFIDEA teams.

Hardware

RFID 125 kHz tags
Mobile readers
Tablet PC

Software

Room Identification System RFIDEA

Database

MS SQL Server