



RFID Solution for Real-Time Identification and Management of the IT Assets of a Multinational in the Financial Sector

Partner:	BNP PARIBAS	Application:	Assets management
Sector:	Financial institution	Country:	France
Turnover:	EUR 8.2 billion	Technology:	Active tag Star concentrator RFIDEA management software
Employees:	155,000+		
Website:	www.bnpparibas.com		

Client situation and challenge:

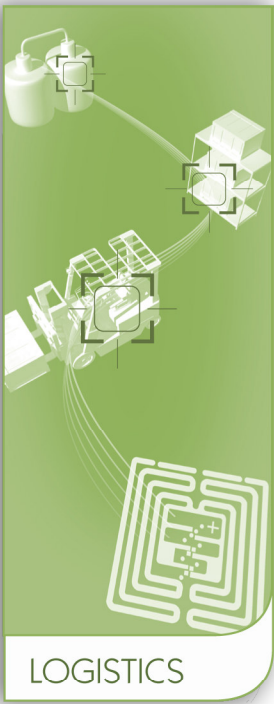
Our client manages 100,000 IT assets distributed over more than 2500 sites in France, with the following issues:

- ⇒ Difficult and tedious inventory of its IT assets;
- ⇒ No way to have a real-time view of resources in circulation;
- ⇒ Very high equipment maintenance management costs;
- ⇒ Lack of visibility of changes in equipment and stocks;
- ⇒ Difficulties to accurately determine when one type of equipment should be replaced.

Solution:

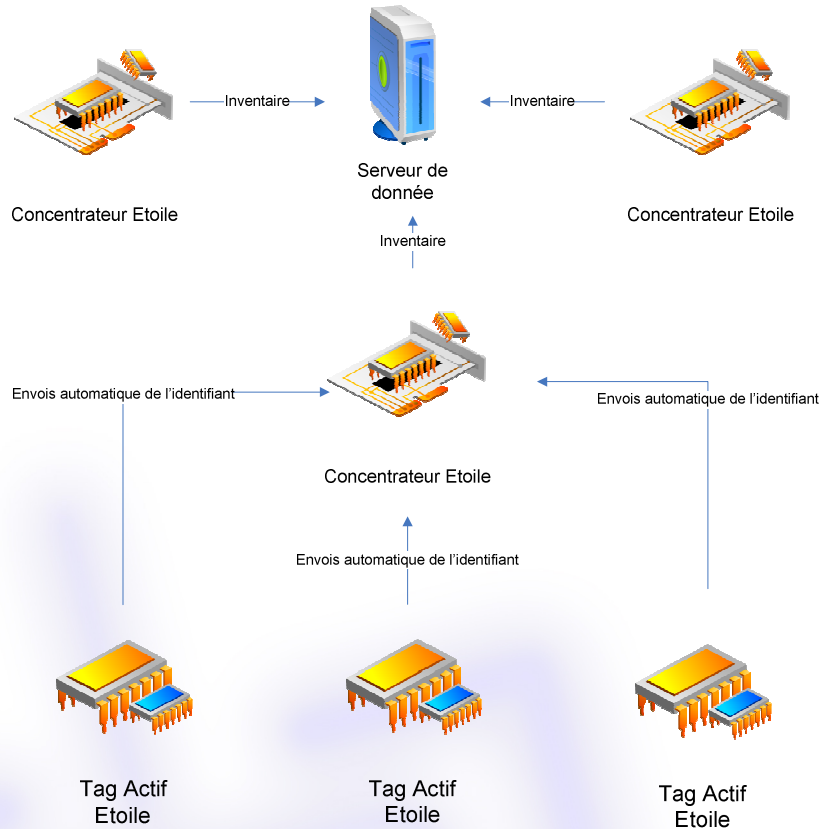
- ⇒ Preliminary audit by RFIDEA to analyse all parameters (environmental, technological, safety, human, process, etc.) related to the application to identify the most appropriate technical solution from a functional and financial standpoint;
- ⇒ Implementation of a real-time assets management solution based on networks of active tags and management software. Each tag emits a signal at configurable intervals and thus sends its ID number to a concentrator which is connected to a central server via Ethernet and Internet;
- ⇒ 2007 – Laboratory tests;
- ⇒ 2007 – Pilot in 3 agencies and one warehouse;
- ⇒ 2008 – 1st implementation in the 6000 m² central warehouse:
 - + 20,000 active tags;
 - + 8 concentrators;
 - + Management software: RFIDEA Asset Management.





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Advantages:

- ⇒ Automatic, real-time identification of all types of resources, even over very large geographical zones and on various sites;
- ⇒ Improvement of inventory management via the possibility to have a real-time view of the availability of any type of equipment;
- ⇒ Greater capacity to comply with current regulations in force;
- ⇒ Optimisation of equipment replacement and maintenance.

Hardware

**Active 433 MHz tags
IP star concentrators**

Software

RFIDEA Asset Management

Database

MS SQL Server



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