

SUPERINTENDENCY ASSETS STOCK-TAKING CASE STUDY

I.T. ASSETS MANAGEMENT WITH MIXED BARCODE AND RFID TECHNOLOGY

CUSTOMER

PROVVEDITORATO INTERREGIONALE
OPERE PUBBLICHE TOSCANA E UMBRIA

FIELD OF APPLICATION

BUSINESS CONSULTANCY

SECTOR

P.A. & GOVERNMENT

TECHNOLOGY

BARCODE AND RFID

ENTITY

Provveditorato Interregionale delle Opere Pubbliche Toscana e Umbria is a peripheral department of the Ministry of Infrastructure and Transport that provides functions of an administrative, operative and managerial nature in the sector of the public works under the custody of the Ministry and also supporting activities for works that are the responsibility of administrations other than government organisations.

REQUIREMENTS

Management of capital assets, which the entity administrates for their entire life-cycle, is a binding legal obligation. In this case however, in addition to the normal documentary management of the assets also physical and logistics management was needed because the 2500 assets (furniture, computers, fax machines and printers) of the Florence headquarters in via dei Servi are located on three floors in some 40 rooms. This made it necessary to implement not merely a management system capable of identifying all assets, but also a logistics system capable of providing information concerning the real physical location of each asset and its condition, and that would be able to make procedures for asset survey and stock-taking more



efficient, faster and more secure compared to the previously used system: this latter called for the individual logging of each single asset and was subject to repeated errors caused by manual data input.

THE SOLUTION

Following painstaking analysis of the customer's needs, we identified the solution most able to meet them as **What & Where**, the assets management system developed by Tenenga Alliance Group based on advanced software and innovative technology. In this system, the persons responsible for managing the assets define the configuration (structure of sites and offices, asset classification,

authorised end-users) at a central level and plan asset survey and stock-taking activities. The initial assets assessment is performed on a one-off basis by an operative equipped with a terminal containing a database of all information relative to the forecast assets: each asset is labelled with a barcode and an RFID tag and classified in accordance with the criteria established in the configuration stage. All subsequent activities of reassignment, transfer and stock-taking of the assets can therefore be performed rapidly by an operator using a terminal to read the barcodes and, for even swifter and more global results, the RFID tags. This initial consultancy activity, which resulted in the adoption of the recommended system, was followed up by classroom training and shadowing.

THE BENEFITS

Thanks to the mixed use of barcode and RFID technology, the **What & Where** solution was found to be far more efficient than normal systems based exclusively on barcodes or hard-copy documents, both because of the facility to edit the data stored in the RFID tags, and because of the rapidity and simplicity of the stock-taking process and the elimination of associated errors.