



Case Study : National Museum Malaysia

Solmate™ RFID Asset Management System



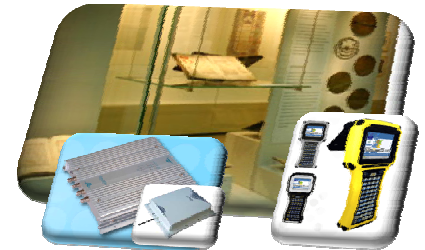
— Artifact Management

Malaysia National Museum will be the first museum in the region to implement a sophisticated Radio Frequency Identification (RFID) system such as the Solmate™ RFID Artifact Management and Tracking System to manage and track their artifacts. The Director of Natural History of the Museums said that this high degree of automation will further enhance museum's existing artifacts management system with the necessary controls and security features leveraging on workflow, imaging, RFID and other related technologies.



“This up-to-date technology infrastructure will help improve our goals to upkeep the historical goods and knowledge of the nation most effectively so that our culture can be preserved interminably.”

Solmate™ RFID Artifact Management and Tracking System (EAMS) marks a major milestone for the deployment of RFID technology in Malaysia as well as in the region.



National Museum uses the HF (High Frequency 13.56 Mhz) RFID Technology for all their artifacts. All the artifacts are tags with a specialised RFID Tag suited for the surface and types of artifacts. Selected Information will be loaded to the RFID Tags to provide more details and identification to the items for further use. The information would be very useful as when the artifacts are moves from location to location and to go through any conservation processes or maintenance. An RFID Reader is located at the vault AREA to control the movement of the artifacts. For Item Search & Stock take, A mobile RFID readers are used to locate the items at the storage rack as well as exhibition areas. The Solmate™ application provide a working flow for museum to manage and register artifacts. All request & loans required by other museum communities will have to go through the system for approval process and circulation. All artifacts can be viewed via the system and request online. The Solmate™ system is fully integrated with other Museum system.

CBS TECHNOLOGY BERHAD

Moving the world with RFID

No. 15, Jalan Ara SD 7/3A,
Bandar Sri Damansara,
52200 Kuala Lumpur

Phone: +603 62777018

Fax: +603 62776018

E-mail: info@cbs.com.my