



# Visitor and Vehicle Identification System

Innovative Solutions for the New Millennium

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Product Document

## VIS

In our age of technological advancements, risk management is a crucial activity, which must be carefully addressed by any organization. Security systems are one of the more orthodox methods to protect an organization's assets. With the outbreak of terrorism, and the prevailing global security situation, there is a serious need for advance security systems.

Makabu's Visitor and Vehicle Identification System (VIS) is a system that allows vehicles and personnel with appropriate security clearance to enter the premises.

## How it Works

Vehicle identification is performed by acquiring an image of the vehicle arriving at the gate using a surveillance camera. The image is then scanned by the VIS system to determine the license plate number of the vehicle. The number is then checked with authorized numbers in a database. If a match is found, the vehicle is allowed to enter the premises by lifting the barrier. The software also has provision to display personal message through an interfaced electronic display board.

Visitor identification is

performed by first acquiring the thumb impression of the visitor through the thumb scanner. The salient features of the thumb imprint are extracted and searched in the database. If a match occurs, the user is granted access to the facility.

## Technologies Used

- MS SQL Server
- MS Visual C++
- MFC technologies
- COM technologies
- Video Camera
- Fingerprint Scanner
- Gate/Barrier Control System
- Electronic Message Board

## Benefits

*The Visitor and Vehicle Identification System can be used in office buildings, parking facilities and other access areas to identify .*

*The visitor and vehicle identification systems may be combined to form a single comprehensive security solution, or the two modules may be used separately independent of each other.*

## Features

*Consolidated database of authorized personal (fingerprint) and vehicles (license plates) information.*

*Automated image identification of vehicle license plate through onsite camera.*

*Comparison of vehicle image and database of authorized vehicles.*

*Fingerprint scanning and comparison capabilities.*

*Multilevel secure access to the system.*

*Manual over-ride capabilities.*

*Easy to use graphical user interface.*



## Makabu Clients

3M  
British Petroleum  
Carbon Partners  
Commerce One  
Idea Integration  
Ikonami  
InfocusWeb  
Johnson and Johnson  
Kwik-Fit (Ford)  
MidEast Online  
Peoples Business Network  
Pharmacia (UpJohn)  
OGS  
Sitaro  
Suplion  
Transpolink  
VentureChest  
WPP

VIS IS CURRENTLY BEING INSTALLED AT  
PALACES IN THE MIDDLE EAST



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