

V-Secur™ – A Prologue

(By Jaudat Shaikh)

Technology-based corporate governance is a major requirement for corporations in today's day and age. This is primarily due to the ever-expanding size of corporations and increased complexity faced by management. Methodologies' including geographic-distribution, location-strategies, and co-location strategies further increase the complexity.

A vital dimension of effective corporate governance is "Resource optimization". This is only possible with maximum security, surveillance, time & attendance, and sufficient control over all resources. Cutting edge RFID and Biometric technologies enables us to do exactly this.

LMKR has successfully developed and deployed a sophisticated and centrally managed RFID & Biometric system, the V-Secur™, which caters to physical access security, surveillance, and time & attendance requirements. V-Secur™ is a unique combination of hardware and software technologies (RFID & Biometric) which collects valuable data, generates reports for intelligent decision-making, and creates positive synergy due to integration with ERP.

V-Secur provides:

- a framework that works within your security environment using the web service interface. Additionally, V-Secur™ can be coupled with Windows Active Directory, Windows NT security, and other directory services.
- a feature for correcting settings on systems that are at different locations and bringing them in compliance with the centralized security policy.
- a hierarchical approach and scaleable architecture for your enterprise network.
- a physical security system connection with the computer security system to prevent user masquerading and un-authorized access.
- improved efficiency for the payroll process by reducing the time required for attendance management.
- Return On Investments (ROI) through elimination of security breaches, security of valuable assets, inexpensive surveillance, and value added services including support for agreed-upon time, software upgrades, customizations, and user trainings.
- a user-friendly interface used for configuring, managing, and reporting security policies across your enterprise. The GUI is compatible with Windows NT, Windows 2000, and Windows XP.

Service Offerings

Our solution focuses on the following core functionalities:

Physical Access Security:

V-Secur™ provides maximum physical access security for any premises by using various technologies. These include central management of individual users, group management, and granular access privileges. Granting or revoking access to physically secured, centrally controlled, and geographically distributed premises has never been this easy.

Time & Attendance:

V-Secur enables you to recognize and manage employees from a central location making it convenient for employees to work in different geographical locations without having to go through lengthy security clearances and issuance of new ID cards, simply by using their RFID based corporate ID cards. Time and attendance data of all employees in any location is collected, analyzed, and projected in the form of reports. Individuals can view their own attendance, while their managers and department heads can view a summary of all employees' attendance activities. At a corporate level, executive management can view time and attendance information of the whole corporation to help in decision making. This enables effective control of globally distributed corporations and utmost utilization of human resources.

RFID based Surveillance:

V-Secur™ augments the classical video based surveillance with RFID based surveillance. This innovation eliminates the need of having to watch endless video feeds and stills containing asset and employee activity data. The surveillance module, like others, is carried out on a corporate level and is centrally managed. Applications like the person finder can also be implemented on top of applications provided by classical video based surveillance. It can also be used to track the movement of resources within the office premises.

Dashboard

The dashboard is a fully customizable tool for decision-makers to view attendance information about personnel within the organization, both on an individual and team level. In addition to timing and movement data, the module also generates statistics (graphs) that provides a viable, quantitative, and qualitative basis for executive decision-making.

Personnel Tracker

This module allows the viewing of personnel movement by keeping track of individuals who pass by specific reader devices and this information is displayed on a location map of the facility in real-time.