

Market View: Healthcare

Integrated Security Solutions

Overview

Visual Defence understands the financial, staffing and regulatory challenges facing healthcare facilities today. With these challenges in mind, our objective is to provide a flexible platform that will support healthcare institutions in achieving the highest level of patient and family focused care. Our platform is designed to integrate key systems for optimal security, safety, usability, efficiency and effectiveness.

Visual Defence is an advanced solutions architect and global leader in physical security and surveillance. Our core competency is the ability to design a customized central management layer for all security and building management edge devices. As a solutions architect, Visual Defence will integrate with existing security and building management infrastructure or can supply “best-of breed” system solutions.

The Visual Defence Advantage

- Fully customized solution
- Management of multiple systems within a single environment
- Simplified end-user operation
- Ability to integrate with existing systems
- Full scalability and flexibility
- No-fault redundancy capability
- Ability to go beyond organizational and geographic boundaries

Hospital Security Systems Integration

Command and Control Centre (3C)

Total Security Management System
Visual Defence's *Command and Control Centre (3C)* is designed to integrate with many security and



multimedia solutions including CCTV, Access Control, Intrusion Detection, Digital Video Recording, Public Address, Intercom, and Building Management Systems operating across a network infrastructure.

- Integrates video and event management with a unique mapping function
- Offers a turnkey, central management system and graphical user interface (GUI) for managing all systems within a single environment, eliminating the need for separate control systems
- Locate devices on the network through an intuitive mapping interface designed to respond to alarms (i.e. fire alarm) from the event management system
- Ability to select the camera and display 'real-time' images of the event while the incident is occurring, providing the resources to make an effective decision
- Ability to program decision-tree maps to facilitate appropriate actions to alarms

Virtual Matrix System (VMS) and Digital Video Storage System (DVSS)

Video Management and Recording System

Visual Defence's *Virtual Matrix System (VMS)* integrates traditional analog video matrix functionality within a highly robust, centralized video management system designed to operate across standard network topologies.

- Complete Enterprise solution than can offer full-system redundancy
- Provides standard features that are found on analog video matrixes such as PTZ control, priorities, video blocking, camera locking and sequencing/salvos
- Two mechanisms for accessing features; standard security keyboards/monitors and the VMS SoftClient application for PC workstations
 - VMS SoftClient application allows access and control to both live and recorded video anywhere on a connected network
 - Ability to query any live video stream and any recorded video stream based on time and date, camera or events
- Events recorded on Visual Defence's Digital Video Storage System (DVSS)
 - fully featured Digital Video and Audio Recorder

- o capable of scaling from 4, 8, 12, 16 or 24 Video and Audio inputs
- o seamlessly integrated with the VMS

RFID

Patient and Asset Tracking

RFID tagging allows for an increased ease of management of patients, staff and assets to support healthcare institutions in achieving the highest level of care.

- Secure newborns from swapping and abduction attempts
- Be notified of patients entering unauthorized locations
- Provide staff with personal security attack solution
- Allow immediate staff assistance to patients in need
- Track status and usage of portable medical equipment
- Generate statistical and analytical reports

Intercom Management System (IMS)

Visual Defence's *Intercom Management System (IMS)* over IP is an integrated Audio platform designed to interface with existing Telecommunications infrastructure.

- Provides a voice, image and data link using standard Ethernet network architecture, integrating three unique streams into one cohesive solution
- Logs all calls and actions
- IP Intercom stations use standard VOIP protocols
- Seamlessly integrated with the VMS to provide Video Intercom
- Can operate as Code Blue device

Alarm Gateway System (AGS)

Alarm Monitoring

The Alarm Gateway System (AGS) is

an alarm monitoring portal that transfers alarm or event information (i.e. fire alarm, code blue, wandering patient) from an alarm panel and/or access control system to a central monitoring station using IP-based network architecture.

- Provides Security personnel access to CCTV cameras and Digital Video Recording to verify the cause of the Alarm/Event.

Access Control

Access control systems provide a reliable and cost effective infrastructure for monitoring, controlling and securing physical access in a healthcare facility.

- Interface access control hardware to Visual Defence's 3C to provide a robust, integrated Access Control architecture.

