DVR XP

4/8/16 Channel H.264 Digital video Recorder with Access Control

DVR-XP is an industrial grade digital video surveillance system integrated with Checkmate XP Physical Access Control System designed to meet the requirements of modern security markets. DVR XP uses H.264 Hardware Compression hardware & provides configurable display/recording rates. Video recording is Time based, Motion Based and Access Based. The DVR is connected to the Checkmate XT/XP Access Control Hardware on Ethernet LAN. The cameras are mounted to view one or more RFID/Biometric readers mounted on doors The Unique feature of this system is the Video storage based on the Personnel ID generated at the RFID/Biometric readers resulting in foolproof security. Meant for Offices, Buildings, Software companies and industries DVR XP online provides a cost effective and complete digital surveillance solution.
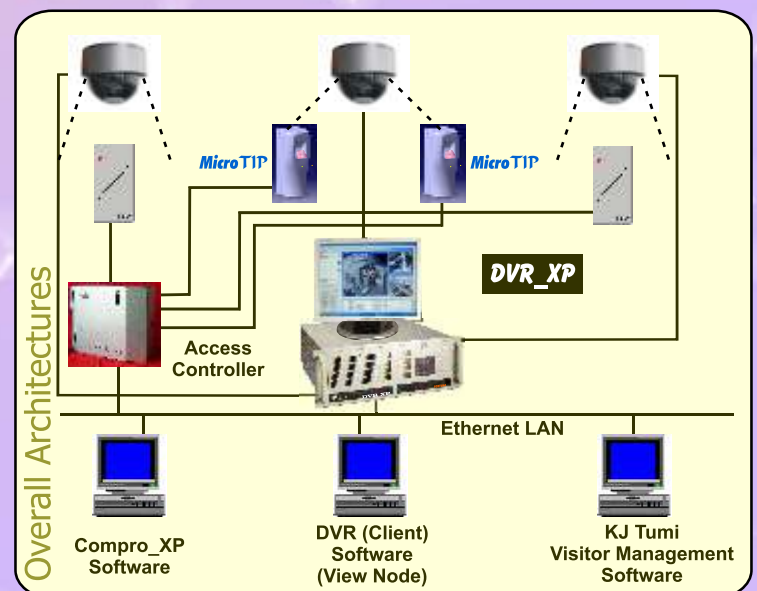
Features : DVR hardware

❖ H.264 Hardware Compression
❖ 4/8/16 DVR
❖ Recording Rate Selectable : 25/12/6/1 fps per channel.
❖ Single hard Disk 160 GB for Recording
❖ Triplex (Playback/Recording/Network)
❖ VGA, KBD, Mouse o/p for configuration
❖ Indidividual Camera Setting : View Only , Time Schedule based, Motion Based, Access Based Recording. Pre & Post Event definable.
❖ Playback : Slow motion, Fast Forward, Pause, Snapshot.
❖ Multiple Floor maps with camera icons.
❖ Automatic maintenance of Archived Video files
❖ Multiple Remote Viewer over LAN
❖ Embedded Hardware (Virus protected) Windows XP embedded(DOM)
❖ Built in Watchdog : System automatically boots if hung.
❖ Operating Temp : 0 -55 degC
❖ Cooling : 2 x 86 CFM fans with filter.
❖ Hardware is ruggedised for 24 x 7 operation.
❖ Optional : Dual Redundant Power supply.

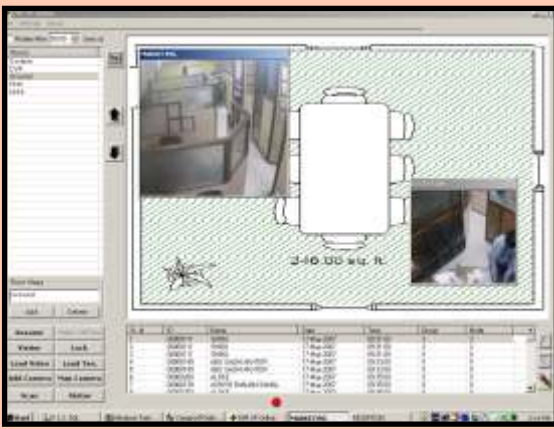## Features : Access Control hardware

❖ 4/8/16 reader capable Controller with Ethernet output.
❖ Built in Power Supply for Controller, Readers & Locks
❖ Readers can be Proximty/Smart Card/Biometric (upto 100m from panel)
❖ Can interface upto 16 locks.
❖ 16 exit switches.
❖ 10000 transaction storage, 2000 users validation,
❖ 16 Time zones, -- Holiday Zones, Area Restriction
❖ Anti passback
❖ Specific gates can be assigned for Attendance
❖ Online Access Control Data with Audit Trail of Personnel Movement
❖ Visitor Management System : Data Entry, Badge Printing, Access Right Definition.
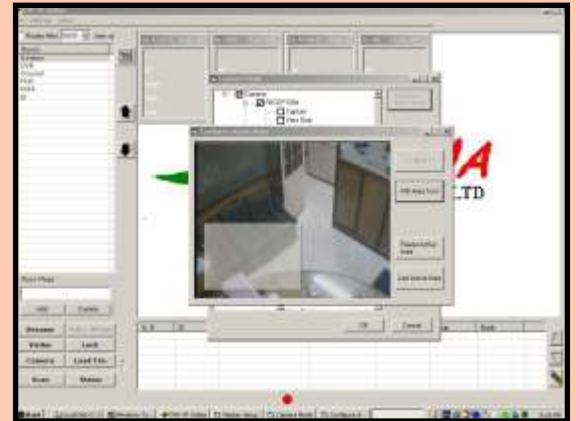❖ Remote Lock Operation

Features: DVR cum Access Control System

❖ Cameras are logically mapped to one or more readers for online capturing of video data on card show.
❖ Access Control Transaction Details with pre and post event video playback.
❖ Reference Image & name of personnel gets shown against backdrop of card show on video for personnel validity checking
❖ Search for Historical Video data based on Date, Reader & Personnel ID
❖ Online Access Control Data uploading with Audit Trail of Employee Movement
❖ Access Control transaction details with pre & post event video play
❖ Multiple floor maps with User definable back ground & scalable camera window (view mode or Icon mode)
❖ Camera video can be flexibly mapped to one/many floor map.
❖ Camera can be set in Motion Detection Mode with User Definable Active Area setting.
❖ Visitor Data entry, Badge Printing & Access right definition in online mode.
❖ Multiple client Access over Ethernet LAN to view Video, Access Transaction and Video against Access card show.
❖ Online video Recording on Motion Detection based Video recording can be done even if the application is closed (Works from system tray)

Overall Architectures

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❖Overall view of floor map with Camera video and Online capture of transaction Records for A c c e s s   C o n t r o l

❖Motion detection feature can be configured for one or more camera with user definable Active Area S e l e c t i o n
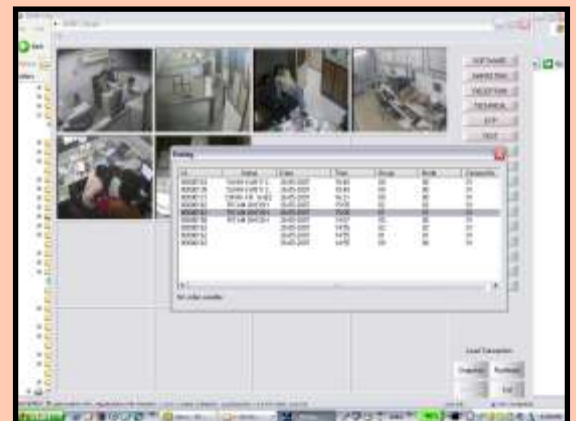

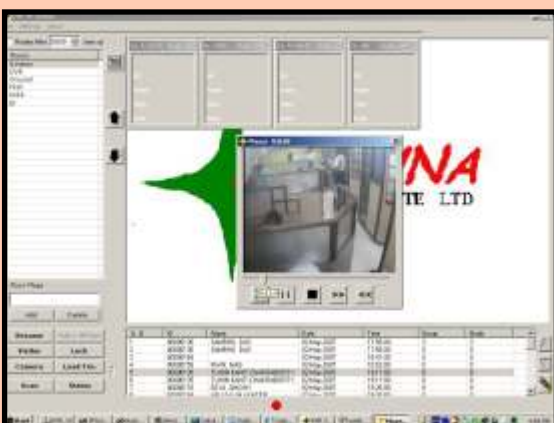❖Multiple floor maps with user definable camera selection and placement, with video view or camera icon

❖Individual camera can be configured in View only, DVR, Access Control or Motion D e t e c t i o n   M o d e

❖Video files based on date / time & Play back of Recorded video files with FF, Slow Motion P a u s e   b u t t o n (with snap shot)

❖Client Software on any PC on Ethernet LAN for viewing Video, View Access Transaction & play back of video against the Access T r a n s a c t i o n

❖Click on Access transaction to get video file against the card show with pre & post e v e n t   t r i g g e r

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