

# IDTECK ENTERPRISE SOFTWARE

IDTECK Enterprise Software is a Professional Access Control Management Software that is suitable for high security facilities such as Airports, Intelligent Buildings, Laboratories, and other Special Facilities where an efficient system is required. IDTECK Enterprise has the ability to manage multiple Sites via LAN/WAN Communication and will guarantee Stable Performance even during Emergency Situations.

IDTECK Enterprise System is not limited to a security system, it provides facility / employee management data in a single platform. It is seamlessly integrated with Access Control, Elevator Control, Basic Time & Attendance, ID Badge Management, Visitor Management, Guard Tour, Perimeter Protection, and Video Surveillance in a single platform. Also the system can be configured as a Single Server, Dual Redundant Servers, along with Multiple Servers and Clients editions.

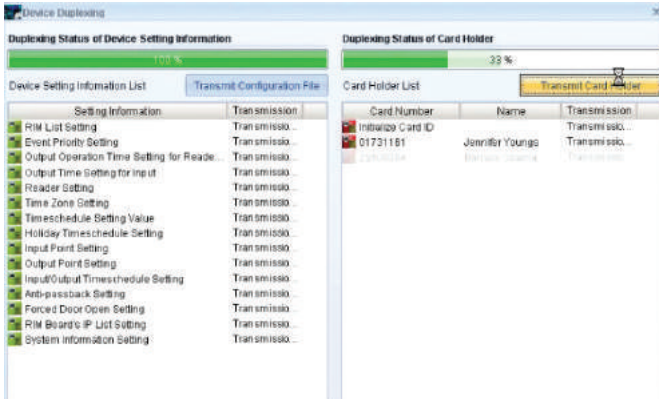
IDTECK Enterprise provides various ENHANCED SYSTEM SECURITY FEATURES that are highly secured. Within the Software, specified Authorized Level Settings could be set to the Users. Data Transmission is protected with an AES (256bit) and SEED (128bit) Encryption, so no one will be able to decrypt the information easily. The system will keep track of all the Log In and Log Out utilizing a reporting

system. The software could be accessed with a registered Fingerprint.

The IDTECK Enterprise Software does have a SAFETY feature for real-time Mustering Report for in the event of an Emergency Situation, a report will be printed automatically for employees that were present during this time. This detailed report will provide a listing of the last known area the employee utilized the Access Control System.

The INTEGRATED MONITORING MANAGEMENT includes a Graphical Map function that will allow the user to Monitor and Control the mapped Doors and Alarms as well as view Live or Recorded Video from one screen. From the Integrated Monitoring screen, a total of 62 different type of Events or Alarms will be displayed, with the ability to verify via Video or Image, if utilizing any one of our Video Surveillance interfaces. Map out all the Doors and Sensors as well as Camera for real-time transactions. IDTECK Enterprise PLUS M/G includes View Pro (Samsung (Hanwha) Techwin with the option of Milestone XProtect Interface or optional Genetec Omnicast Interface.

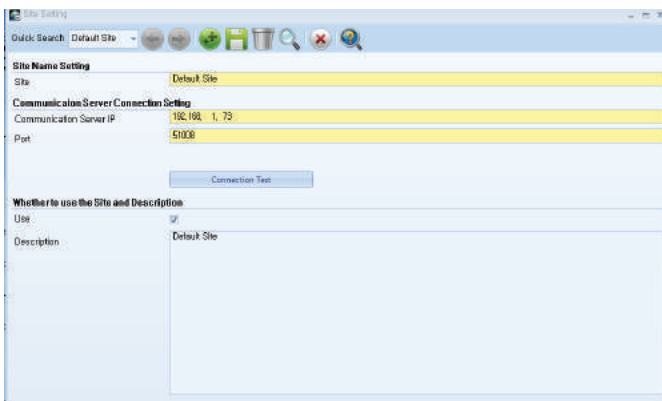
❖ **IDTECK Enterprise Configurable Solutions:**



**Fault-Tolerant System Architecture**

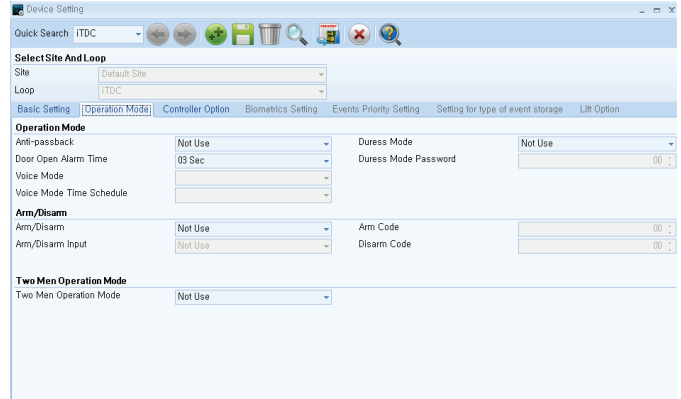
- Dual system processing of controller, communication server and database for active /standby system
- In case of the system server failure, the redundant server system processing keeps the system running with the backup (Standby) system
- Dependable Fault-Tolerant System to prevent Total System Failure

*\* In case of dual system processing of database, Microsoft SQL Server function is used*



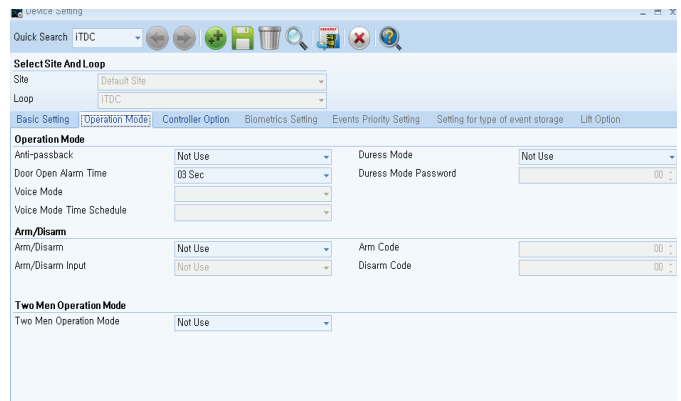
**Multi - Site Management**

- Integrated multi-site management via LAN/WAN communication
- Remote control and integrated data management of multi-site



**Enhanced System Security Features**

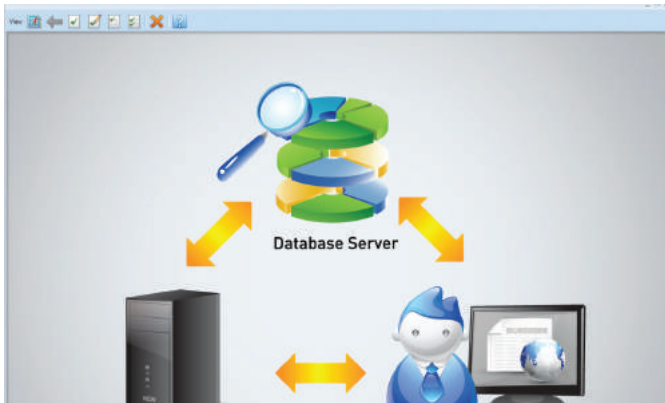
- Comprehensive system log management to increase system security
- Automatic system log-off function
- Authorization setting per user account
- System log-in via fingerprint recognition
- Encrypted with AES (256bit) and SEED (128bit) for data transmission and fingerprint information protection



**Strengthened Access Control Features**

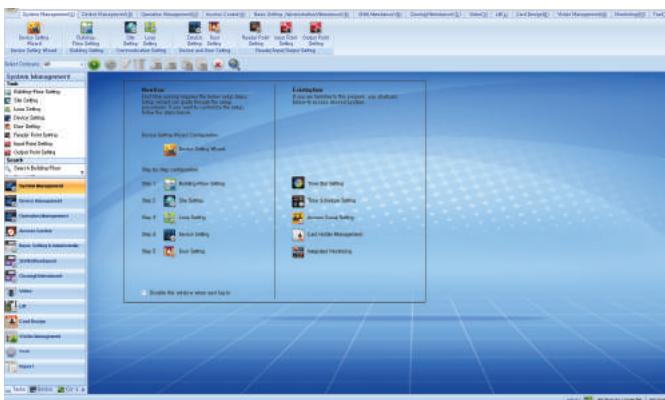
- Various Anti-Passback Modes
  - Global, Area, Zone, Timed, Soft, and Local/Hard
- Advanced Time Schedule Setting

❖ **IDTECK Enterprise Configurable Solutions:**



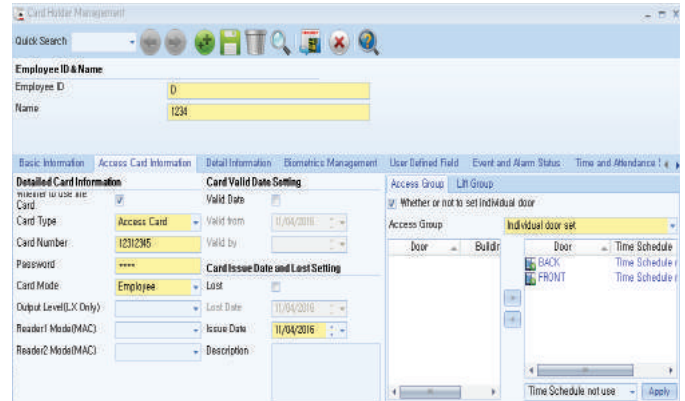
**3 - Tier Architecture Maximized System Performance with Distributed System**

- ENTERPRISE Application, Communication Server and Database can be installed and operated in separate server
- Maximized System Scalability, Stability and Performance



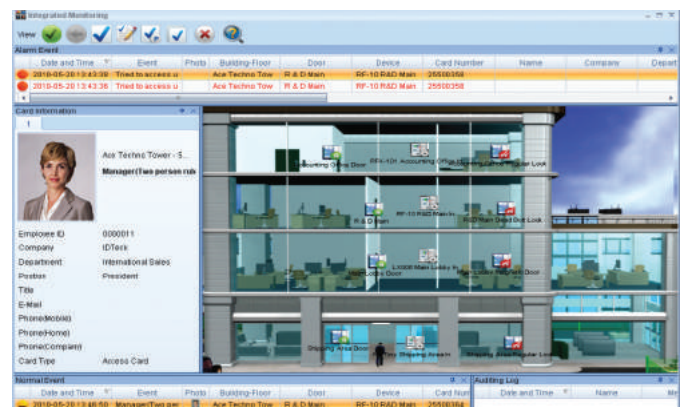
**Convenient Management Features**

- Head Count of the members in the room using the In-Room Monitoring Feature
- Visitor Access Status Monitoring using the Visitor Management Feature
- Guard Tour / ID Badging / Elevator Control Management Feature
- Supports Basic (In & Out) Time & Attendance Function
- Various Report available for printing including the User-Defined Reports



**Effective User Management Features**

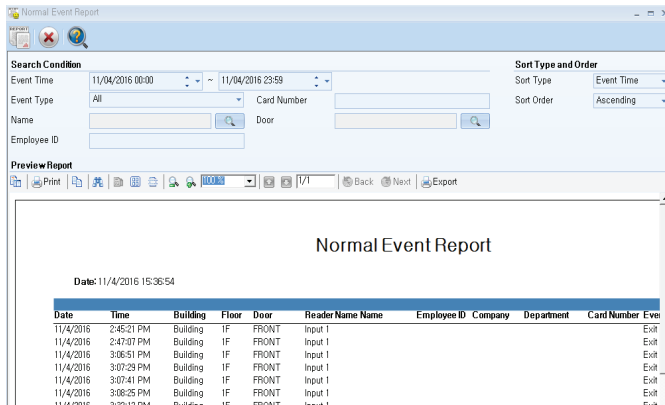
- Provides records of issued cards, in case, the user has re-issued the card several times
- Allows registration of personal information including the bio data of the user
- Group Management by Department, Company, Region for managing large quantity of Information



**Integrated Monitoring Features**

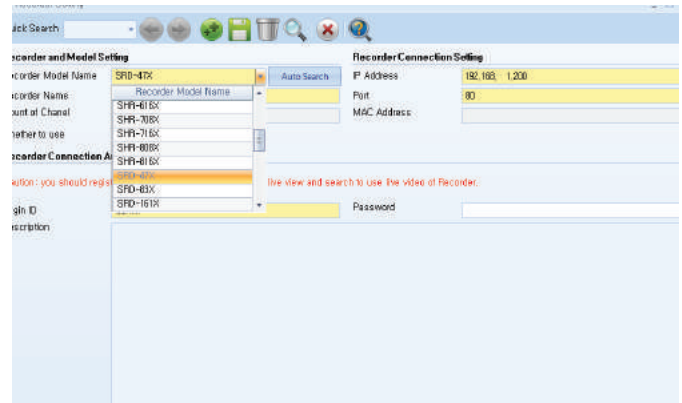
- Intuitive Monitor and Control Doors and Input Devices utilizing the Graphic Map
- Monitoring Layout Setting according to User's Preference
- Ability to view mapped cameras and video popups (Included View Pro interface with Samsung (Hanwha) Techwin, optional video interface Milestone XProtect or Genetec Omnicast)

❖ IDTECK Enterprise Configurable Solutions:



**Event Management Features**

- Event Priority Setting
- Event Notification via Email or SMS
- Voice Notification of Event Occurrence ("wav" file setting by Event type)

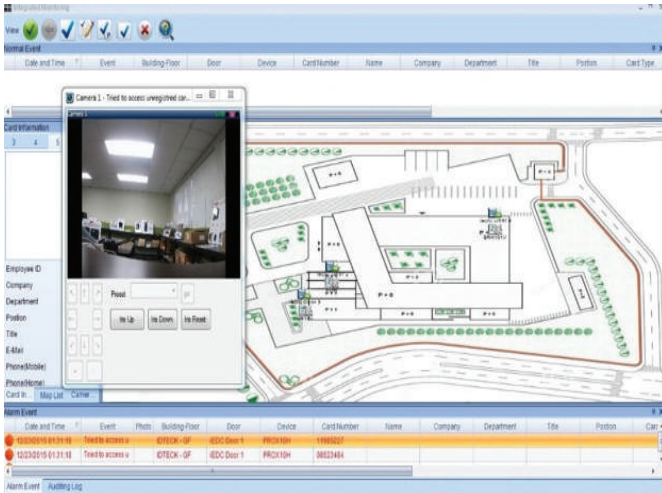


**Door Status Monitoring and Control**

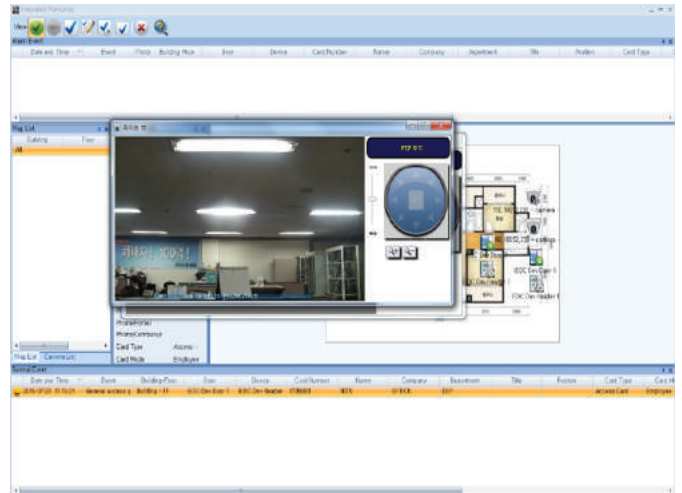
- Door Opening and Closing Status Setting
- Individual or All Control of Doors

❖ IDTECK Enterprise PLUS - M / G (Milestone XProtect / Genetec Omnicast)

**MILESTONE XPROTECT**



**GENETEC OMNICAST**



**Live Popup Notifications or Recorded Events from Integrated Monitoring Screen (Milestone / Genetec)**

- IDTECK Access and Video Management System
  - Adds ONVIF Conformance Multi-Site Management
  - Easy to Install and use the Access Control System & Surveillance System
  - Providing the Analog / Digital Recording and Network IP-Based on Video Recording System
- View Real-Time Video Access Event
- Access Previous Recorded Events as needed
- Ability to view Mapped Cameras and Video Popups
- Complete Solution for Integrated Access Control and Video Surveillance

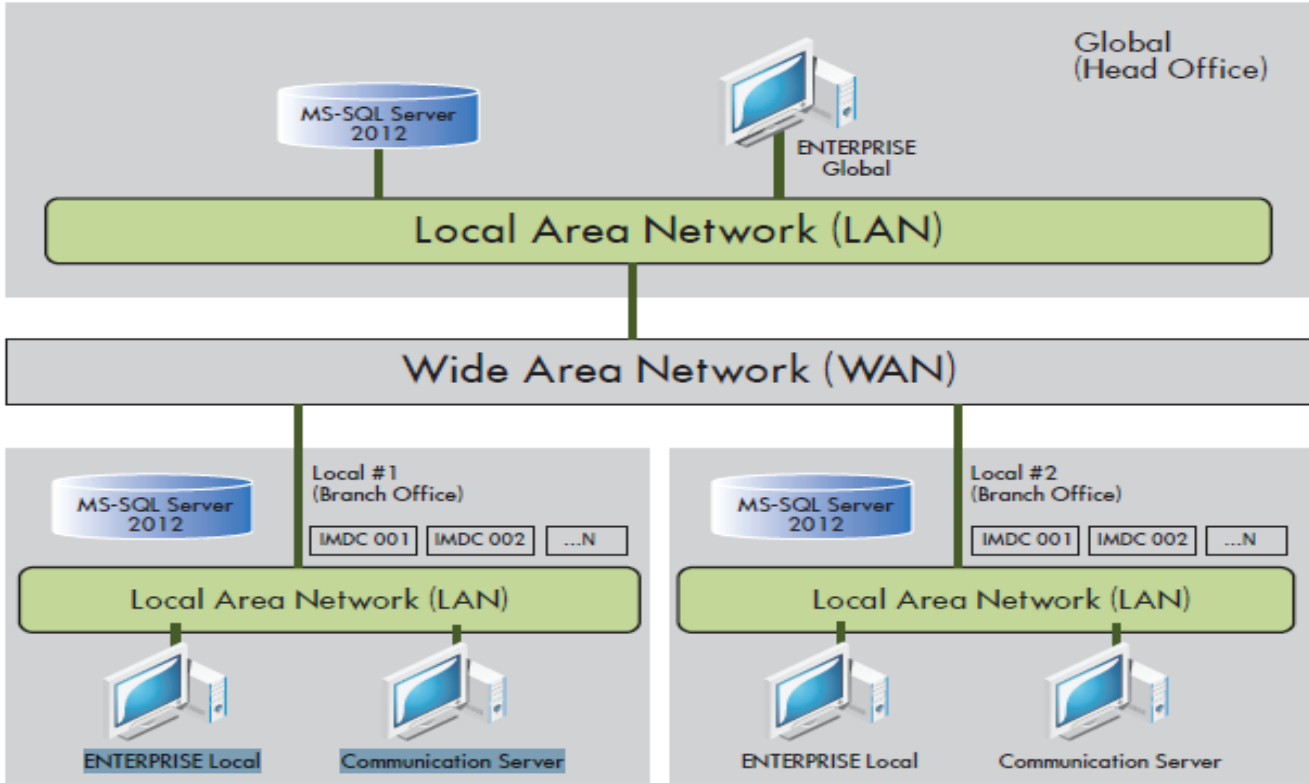
**Mapping Cameras to Doors and Input**

- Ability to map Cameras for when an Event Occurs, a Video Popup will appear within Monitoring Screen
- Unlimited Mapping of Cameras

**Monitoring**

- Ability to monitor mapped Cameras from Graphical Map
- Ability to monitor and control mapped PTZ Cameras from Video Popup

❖ IDTECK Enterprise Global



**Advanced Enterprise Functions**

- Each Branch or Site are able to operate independently while synchronizing their database with the Main Office

**Multi-Database Synchronization**

- One Main System with ability to manage and access All Branches' Database
- All Database with synchronize with the Main Enterprise Global for the recent latest information

**Maximized System Performance with Distributed System Environment**

- SQL Database, IDTECK Communication Server, and IDTECK Enterprise Software may be applied to different servers to prevent Total System Failure

**Multi-Branch Monitoring and Administration**

- Ability to monitor Multiple Branches at one time from one Enterprise Software
- All Enterprise Settings may be configured and set from one Enterprise Software then sent to individual Branches.

## ❖ Minimum Operating System Requirements

OPERATING SYSTEM	Windows XP Home/Professional Windows Vista Windows 7 / 8 /10	Windows Server 2003 Windows Sever 2008/R2 Windows Server 2012/R2
PROCESSOR (CPU)	INTEL Core 2 Duo or Higher/AMD A4 or Higher	
MEMORY (RAM)	2GB of RAM or Higher	
HARD DRIVE (HDD)	Minimum of 5GB HDD Space	
DISPLAY (VGA)	1024 x 768 Resolution or Higher	
DRIVE (CD-ROM)	Over 8x Speed CD/DVD Drvie Recommended	
DATABASE (DB)	MS-SQL Server 2008 Express Edition (Free/Included) MS-SQL Server 2008/R2 (Separate Purchase) MS-SQL Server 2012 Express Edition MS-SQL Server 2012 (Separate Purchase) MS-SQL Server 2014 Express Edition MS-SQL Server 2014 (Separate Purchase)	

**IDTECK Enterprise Software Licenses** - Enterprise Licenses are available according to Number of Doors.  
Features included: Fault-Tolerant System, Guard Tour, Personnel Tracking, View Pro, Visitor Management, ID Badging.

- 16 Doors
- 32 Doors
- 64 Doors
- 128 Doors
- Unlimited Doors

### **IDTECK Enterprise Plus - M / G - Management Software with Video Surveillance Interface**

- Completes the Access Control and Video Surveillance Integrated Solution
- Optional IDTECK Enterprise Software Interface with MILESTONE or GENETEC VMS
- Ability to map cameras to Doors/Inputs/Outputs as well as view mapped Cameras and ability to control PTZ Cameras from popup video
- Adds ONVIF Conformance Multi-Site Management
- IDTECK Enterprise PLUS - M
  - Milestone (XProtect Interface) & Enterprise Software
- IDTECK Enterprise PLUS - G
  - Genetec (Omnicast Interface) & Enterprise Software

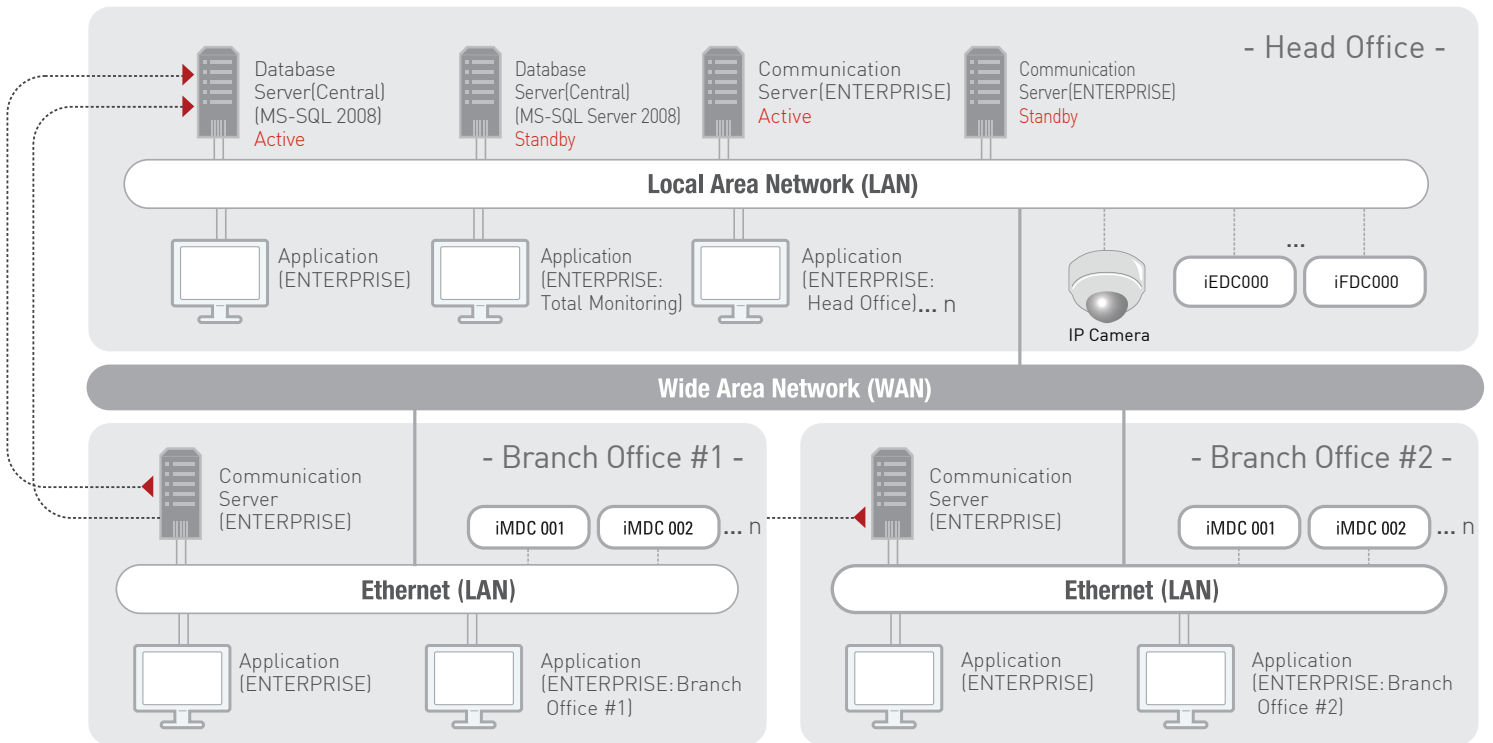
### **IDTECK Enterprise Global**

- Management of multiple IDTECK Enterprise Database
- Maximized System Performance with Distributed System Environment
- Ability to Access all IDTECK Enterprise Branch Database
- Ability to Operate Independently from Each Other

**IDTECK Enterprise Basic** - All features from Enterprise excluding Add-On Modules (Visitor Management, View Pro, and ID Badging)

- 16 Doors
- 32 Doors
- 64 Doors
- 128 Doors
- Unlimited Doors

## ❖ IDTECK Enterprise System Configuration



## ❖ Related Products

### Compatible Hardware

- iMDC
- iEDC
- iFDC

### Software

- IDTECK Enterprise Basic
- IDTECK Enterprise
- IDTECK Enterprise PLUS - M/G
- IDTECK Enterprise Global

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