



Frontier Software



Tightly integrated security management solution

Frontier software is a comprehensive security solution that provides real-time monitoring and control of access doors and alarm points for local and remote installations. Frontier seamlessly integrates with applications such as photo imaging, HR solutions, ad-hoc reporting, closed-circuit television (CCTV) control, digital video recording, infant abduction and fire system secondary annunciation. It's designed to provide the scalability, reliability, ease of use, and cost-effectiveness that is demanded in today's evolving facility requirements.

Scalable to meet growing requirements

Organizations are continually changing and it's important to have a flexible security access solution that easily adapts to new requirements. Frontier can control up to 16,000 doors with a single server, and it is limitless in a multi-server environment. Up to 1,000,000 badges can be managed. Frontier Essentials software supports the same feature set as Frontier software, but is configured for smaller sites, supporting up to 64 doors and 5 workstations running on the Windows[®] XP operating system.

Three layers of database protection

Because system uptime is so important in protecting a building and its occupants, Frontier software has three layers of database redundancy in the event of loss of network connectivity, server failure, or controller failure. Redundancy features include:

- Frontier server, which stores the entire Frontier database, including all badge, device, and system configuration information
- Matrix building controllers, which store badge, device, and time-of-day data that are being controlled in that area
- Matrix devices, which store badge, device, and time-of-day information for a particular door, or set of doors, in the event of off-line operation



Highlights

- **Flexible software grows with changing organizations, without extra upgrade licensing fees**
- **Built-in database redundancy mitigates risk in the event of network, server, or controller failure**
- **Open standards architecture allows seamless integration of other vendors' security products and applications, improving your return on investment**
- **Full-featured capabilities are flexible to fit your exact requirements, yet easy to set up and manage**
- **Backed by experienced staff with secure, remote support to ensure your operations stay up and running**

Solid architecture based on open standards

Frontier uses industry-standard software for easy integration into networks and access by third-party programs and interfaces. Frontier software utilizes Microsoft® Windows 2003 Server and Windows XP or Windows Vista™ operating systems, Microsoft SQL Server™ 2005 database software, and Crystal Reports reporting software as part of its total solution. The server, workstations, and Matrix building controllers communicate using TCP/IP over industry-standard Ethernet networks.

Easy on the budget

Frontier software makes it easy to stay on a budget. Frontier licenses are sold per server and workstations on a one-time, paid-up software license. What's more, licenses never expire. The license includes any software upgrades as long as a service agreement is maintained with Matrix Systems. Frontier software is also backward-compatible with Matrix equipment, such as badge readers, reader control modules, and alarm panels. This means it's easy to add to existing Matrix access control without replacement of Matrix hardware, thereby saving you money.

Backed by extensive experience and support

Of course, no matter where facilities are located, Matrix experts provide comprehensive support. Unique in the industry, Matrix Systems' U.S.-based customer support team is available 24x7x365 via the Matrix toll-free service hotline. There are no go-betweens or intermediate channels to hinder the service process. For situations when a site visit is necessary, Matrix-trained field professionals are just around the corner.

Integrated Partners

The following is a list of all systems and components that have been fully tested and certified by Matrix engineers.

Biometrics

Bioscrypt
Ingersol Rand
Sagem Morpho Inc.

Card Readers

HID®
Indala®
Matrix Systems
Nedap

CCTV/DVR/NVR

Bosch
JVC
Nice®
Panasonic
Pelco®
Vicon

Credential Production

EPI Builder

Integrated Hardware

DynaLock™
Locknetics®
Securitron
Von Duprin®

Printers

Digital Identification
Solutions
Fargo®
Zebra®

Visitor management

EasyLobby®
STOPware™

Web Based

Access Solutions

Brivo®
Imron Corporation



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Highlighted Features

Feature	Frontier software
Alarm monitoring	Frontier software supports up to 16,000 doors on a single server; limitless with multi-servers; Frontier Essentials software supports up to 64 doors
Connectivity	TCP/IP over industry-standard Ethernet networks
Card compatibility	Magnetic stripe, proximity, iClass, and CAC
Transaction monitoring	Real-time display of up to 500 badge transactions at a time
Access functions	Unique access control privileges per badge holder or by predetermined access groups
	Door group capability
	Lock exempt and extended access for compliance with Americans with Disabilities Act (ADA)
Door functions	Supports modes of operation, including normal/hard secure, unlock, locked, and timed
	Anti-passback control with out-check or in-check capability
	Optional personal identification number (PIN)
	ADA access
Log-on	Supports enhanced password and log-on
	Log-on policies can be defined to user groups
	Extended user group setup
Output functions	Provides control-of-system output relays not used for door controls
Comments and disposition	Allows mandatory or optional entry of comments into the system
Logging	Selected printers can be used for event logging
Operator control	Any number of individual system users can be defined with grouping function
	Automated and manual basis macros can be defined
Schedule and calendar control	Common schedules and calendars can be defined for use in access and device control
Event history	Configurable to save events based on a maximum number or number of days
Reports and status	Over 100 standard reports included with system; use of industry-standard Crystal Reports XI, allowing you to add your own custom reports to the system
Options	
Guard Tour	Supports definition of tours using readers and alarms; allows real-time monitoring of tours in progress
DES-3 encryption	Supported between the building controller, Frontier server and Matrix Subsystem Gateway



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