



DNA Fusion

Access Control Software

System Features

- Intuitive graphical interface
- InfoReady reporting system
- Advanced graphic maps
- Elevator Control up to 128 floors
- Personnel & credential management
- Photo verification on events
- Segmented database (tenants)
- Easy drag and drop throughout
- Powerful video integration
- Anti-passback
- Photo ID production
- Triggers and Macros
- Alarm management
- Auto e-mail alarms and events
- Fully customizable interface
- Built-in web browser
- Database import/export/sync
- Open platform database
- Authentic Mercury hardware
- Wireless lock integration
- Biometric interfaces
- FIPS 201 Compliance
- Web and Mobile solutions available

Overview

DNA Fusion delivers a complete and scalable access control solution for any organization ranging from the multi-campus enterprise to a single lobby entrance. DNA Fusion takes full advantage of the distributed network architecture model and open platform Mercury Security control panels allowing organizations to monitor and manage several integrated systems through a single common interface.

Software Architecture

DNA Fusion is developed using the latest Windows technology and utilizes a combination of both native and managed technologies to maximize speed as well as productivity. DNA Fusion takes full advantage of Visual Studio's C++ and .NET tools and leverages Microsoft's remoting technologies to communicate securely across the network. Microsoft SQL Server is employed for the DNA Fusion database to permit easy connectivity, management, and synchronization across other business systems.



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PC Specifications for DNA Fusion

NOTE: The following minimum specifications are meant to serve as a baseline to configuring the DNA Fusion system and do not take into account all the variables of your system. These recommendations are based on the current release version of DNA Fusion and are subject to change without notice.

Server Requirements

Enterprise Server / SQL Server* (> 20 doors / > 5 clients)

Processor:	Intel Core i5 2.8 GHz + (or equivalent, multi-core)
System memory:	8 GB
Disk space:	500 GB
Display:	Support for 1024x768 or higher/512 MB VRAM
NIC:	10/100 Ethernet
OS:	Windows 2008 R2/2012 R2 Server, Windows Server 2016

*SQL Server provided by customer

Corporate Server / SQL Express* (< 20 doors / < 5 clients)

Processor:	Intel Core i5 2.8 GHz + (or equivalent)
System memory:	4 GB
Disk space:	250 GB
Display:	Support for 1024x768 or higher/256 MB VRAM
NIC:	10/100 Ethernet
OS:	Windows 2008 R2/2012 R2 Server, Windows Server 2016, Windows 7, Windows 8, Windows 10 (32 and 64 bit support)

*SQL Server Express 2008 included / 10 GB database limit

NOTE: RAID hardware configuration and backup medium recommended for Enterprise servers.



IMPORTANT! DNA Fusion is NOT supported on home or mobile versions of Windows OS.

Client Requirements

Client / Photo ID Client*

Processor:	Intel Core i3 2.4 GHz + (or equivalent)
System memory:	4 GB
Disk space:	250 GB
Display:	Support for 1024x768 or higher/512 MB VRAM
NIC:	10/100 Ethernet
OS:	Windows 7 Pro, Windows 8/8.1, Windows 10 (32 and 64 bit support)

*Photo ID Clients should have required ports (USB, serial, etc.) for any external capture or printing devices.

Network Requirements

- ▶ Open Options strongly recommends that all computers running DNA Fusion are connected on a Windows domain.
- ▶ DNA Fusion may be ran across different domains provided a bi-direction trust is in place between domains.
- ▶ If configuring in a Windows workgroup, all computers running DNA Fusion must be members of single dedicated workgroup. This configuration is less secure than a domain.