



CRITICAL EVENTS [2]

EVENTS

22

22

TIME

16:38:41 PM

PANEL

HIT

16:38:39 PM

HIT

IFA

INTRUSION FIRE AGENT

INSTALLATION GUIDE



IFA INSTALLATION GUIDE

This document will guide to install and gain access to IFA's configuration.

TABLE OF CONTENTS	PAGE
Machine system requirements	2
IFA version comparison	3
IFA panels integration comparison	4
IFA Recipients integration comparison	5
IFA Supported third party products	6
Software download	7
Software installation	9
MS Windows setup	10
Gaining access to IFA	11

MACHINE RECOMMENDED SYSTEMS REQUIREMENTS

- MS Windows 10 Pro, Windows 11 Pro or better.
- 4 Cores CPU
- 16GB Ram
- Gigabit ethernet



IFA VERSIONS COMPARISON

FEATURE	FORWARD	STANDARD
Listener network message monitor	●	●
System dashboard	●	●
Visor dashboard		●
Audio feedback mute control		●
Multiuser		●
Connection & session manager		●
Recipients manager	●	●
Recipients reports		●
Panels manager	●	●
Panels reports		●
Panel zone status live monitor		●
Panel remote. Arm, disarm, more.		●
Push events and bookmarks to recipients	●	●
Realtime events (RTE)		●
Visual arming assistant		●
Listener logs	●	●
Dispatcher logs	●	●
System logs	●	●
Audit log	●	●
Login log	●	●
Notification manager	●	●
E-Mail notifications		●
Telegram notifications		●
Alarms research		●
Incidents research		●
Live and recorded video from related alarms		●
Alarms history		●
Auto video backup from related alarms		●
Manual video download		●
Optimized to display alarms on 4k displays		●
Extensive configuration options		●



IFA PANELS INTEGRATION COMPARISON

FEATURE	DMP XR SERIES	DSC NEO	DSC POWER PRO
COMMON FEATURES			
Retrieve areas/partitions number and name	●	●	●
Retrieve zones number and name	●	●	●
Retrieve users number and name	●	●	●
Remote arming	●	●	●
Remote disarming	●	●	●
Remote zone bypass	●	●	●
Remove zone reset	●	●	●
Reset fire sensors	●	●	●
Alarm silence	●	●	●
Fire alarm silence	●	●	●
Realtime events	●	●	●
Remote datetime update	●	●	●
DIFFERENCES			
Remote adoption	●		
Initialize communication	●		
Retreive zones type	●		
Offline registration		●	●
Require communication board		●	●
Requiere manual configuration		●	●

DIFFERENCES EXPLANATION

REMOTE ADOPTION

The panel can be adopted by IFA over the network without human intervention or disturbing panel operation.

INITIALIZE COMMUNICATION

IFA can initiate communications with the panel on demand to retrieve information or send commands.
For Neo panels, an open connection must be maintained for bidirectional communication.

RETRIEVE ZONES TYPE

Zone type information is retrieved from the panel over the network.
For Neo panels zones type must be typed manually on IFA configuration page.

OFFLINE REGISTRATION

Neo panel can be registered on IFA while offline because the panel registration ID is printed on the board.
For the DMP panel a communication need to be established to retrieve the registration ID.

REQUIRE COMMUNICATION BOARD

An additional Ethernet network board must be bought to enable TCP/IP communication.

REQUIRE MANUAL CONFIGURATION

The panel must be configured on-site in order to enable communication with IFA Server.



IFA RECIPIENTS INTEGRATION COMPARISON

FEATURE	MILESTONE	NX WITNESS	HANWHA WAVE	SPECTRUM	DAHUA	HIKVISION
COMMON FEATURES						
Live stream	●	●	●	●	●	●
Video playback	●	●	●	●	●	●
Retrieve cameras	●	●	●	●	●	●
Retrieve server ID	●	●	●	●	●	●
Get picture from camera	●	●	●	●	●	●
DIFFERENCES						
Download video	●	●	●	●	●	
Obtain datetime	●	●	●	●	●	
Retrieve users	●	●	●	●	●	
Retrieve licenses	●	●	●	●		
Retrieve videowalls	●	●	●	●		
Create event	●	●	●	●		
Create bookmark	●	●	●	●		
Manual configuration	●	●	●	●		
Camera status	●	●	●	●		
Camera model		●	●	●		



IFA SUPPORTED THIRD PARTY PRODUCTS

ALARMS PANELS



DVRs, NVR & VMS



MESSAGING



PRODUCT INSTALLATION

SOFTWARE DOWNLOAD

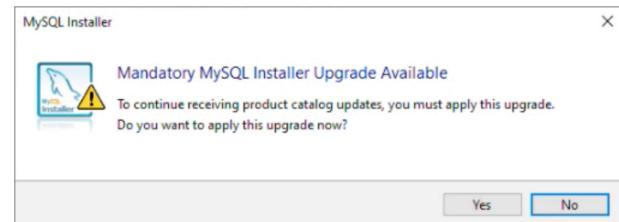
1. Go to the IFA's website (<https://hemiblade.com/ifa>), scroll to the bottom of the page, look for the SOFTWARE section and click on the IFA INSTALLER link. After completing the download copy the installer file to the machine were IFA will run.
2. Go to the MySQL website (<https://downloads.mysql.com/archives/installer/>), select product version 8.0.31 for Microsoft Windows operative system and click on the DOWNLOAD button for the "Windows (x86,32-bit), MSI Installer" with a size of 431.7M. Save the installer to the IFA machine.

INSTALLING MySQL SOFTWARE

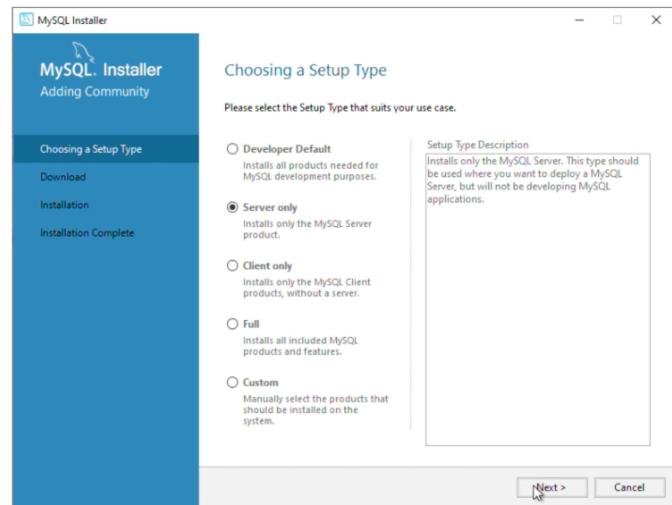
Locate the MySQL installer file and Run it.



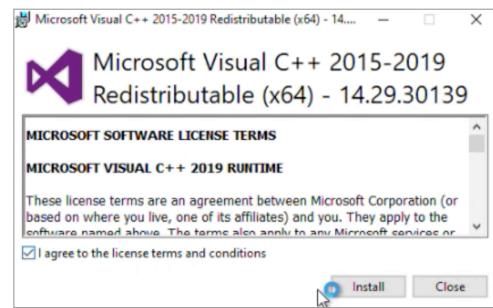
Ignore available upgrade messages. Select NO.



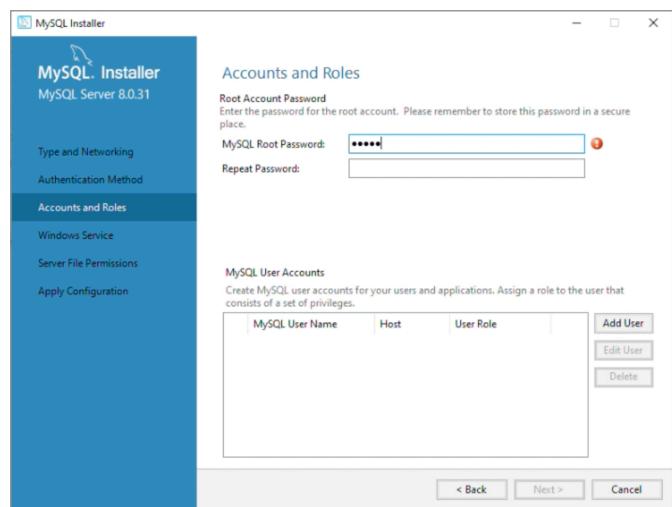
On SETUP TYPE prompt choose SERVER ONLY.



On CHECK REQUIREMENTS install the Microsoft Visual C++ runtime. After that continue the MySQL installation.



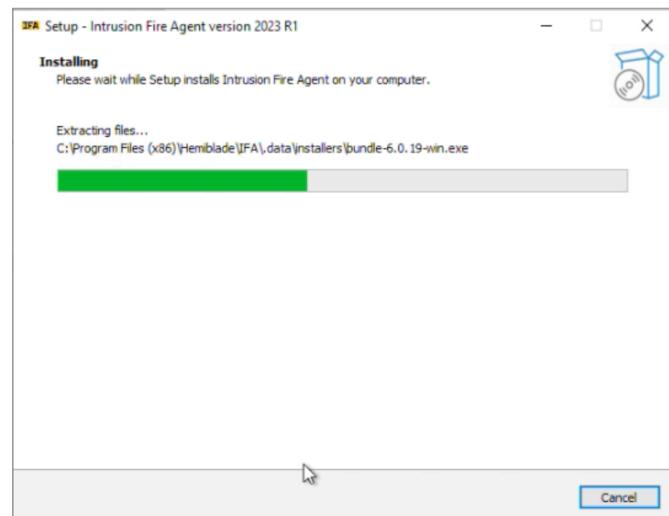
On ACCOUNTS AND ROLES type a password for your MySQL server. Make sure to write it and keep it in a save place. After that continue and complete the installation.



After the MySQL is completed continue to install the IFA software.

INSTALLING IFA SOFTWARE

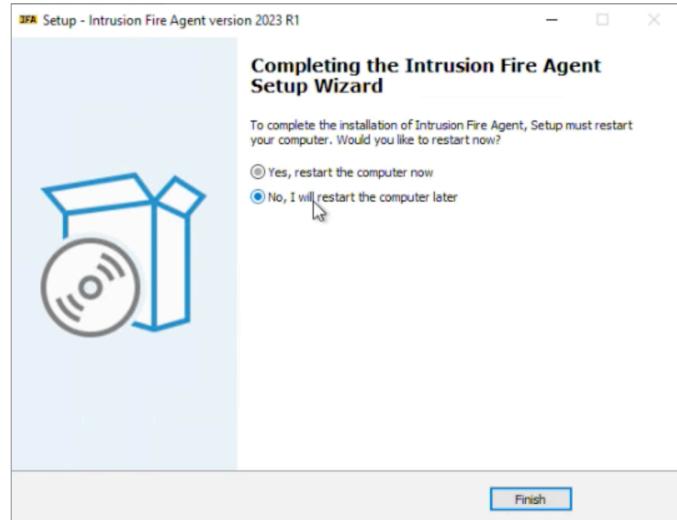
Locate the IFA installer file and Run it. It's a self contained installer that will run without user interaction.



Installing MS .NET Windows Server Hosting.

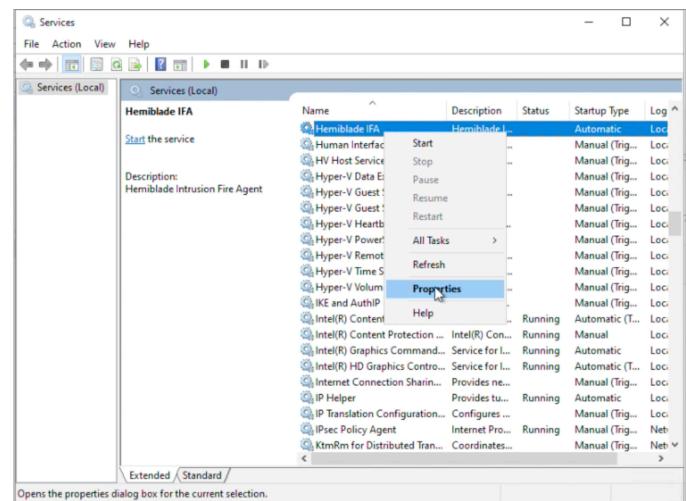


Don't restart your machine at this time.



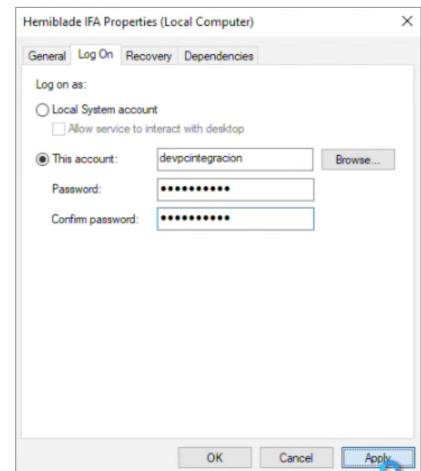
MS WINDOWS SETUP

Open Windows Services and look for HEMIBLADE IFA. Select it and display its properties.



ABOUT IFA'S SERVICE PASSWORD

IFA need access to Windows local files on the machine, others for it's own operation and network to access external volumes. Consider creating an user on the machine or domain with administrator access.

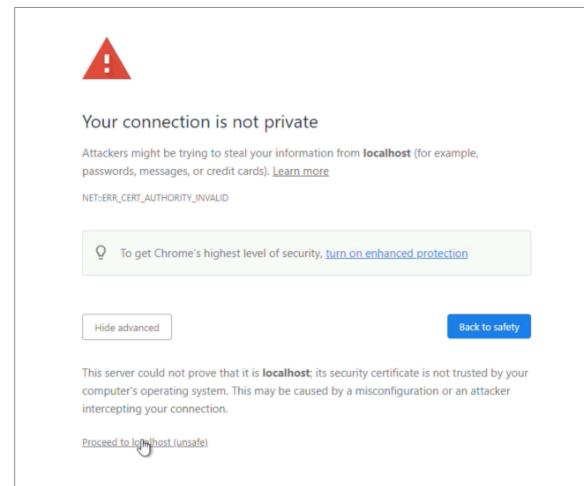


Restart your machine for changes to take effect.

GAIN ACCESS TO IFA

Open your browser on the IFA machine and point it to <https://localhost:1922>

Accept all security warning to access IFA. This messages will be eliminated once valid security certificates are loaded to the machine.



SETTING UP IFA DATABASE ACCESS

Type the requested information for the given fields. If the database server was installed on a different machine then type the server's IP. Use the MySQL password used in its installation. Default user is root.

IFA LOGIN

Access IFA using the default credentials.

USERNAME: admin

PASSWORD: 12345

HOST: localhost
PORT: 3306
USERNAME: root
PASSWORD: *****

USERNAME: admin
PASSWORD: *****

Please remember to change IFA's admin credentials after login.

For IFA's initial setup and configuration please refer the IFA SETUP GUIDE from the downloads section on the IFA's website.

