# IFA
## INTRUSION FIRE AGENT
SETUP GUIDE
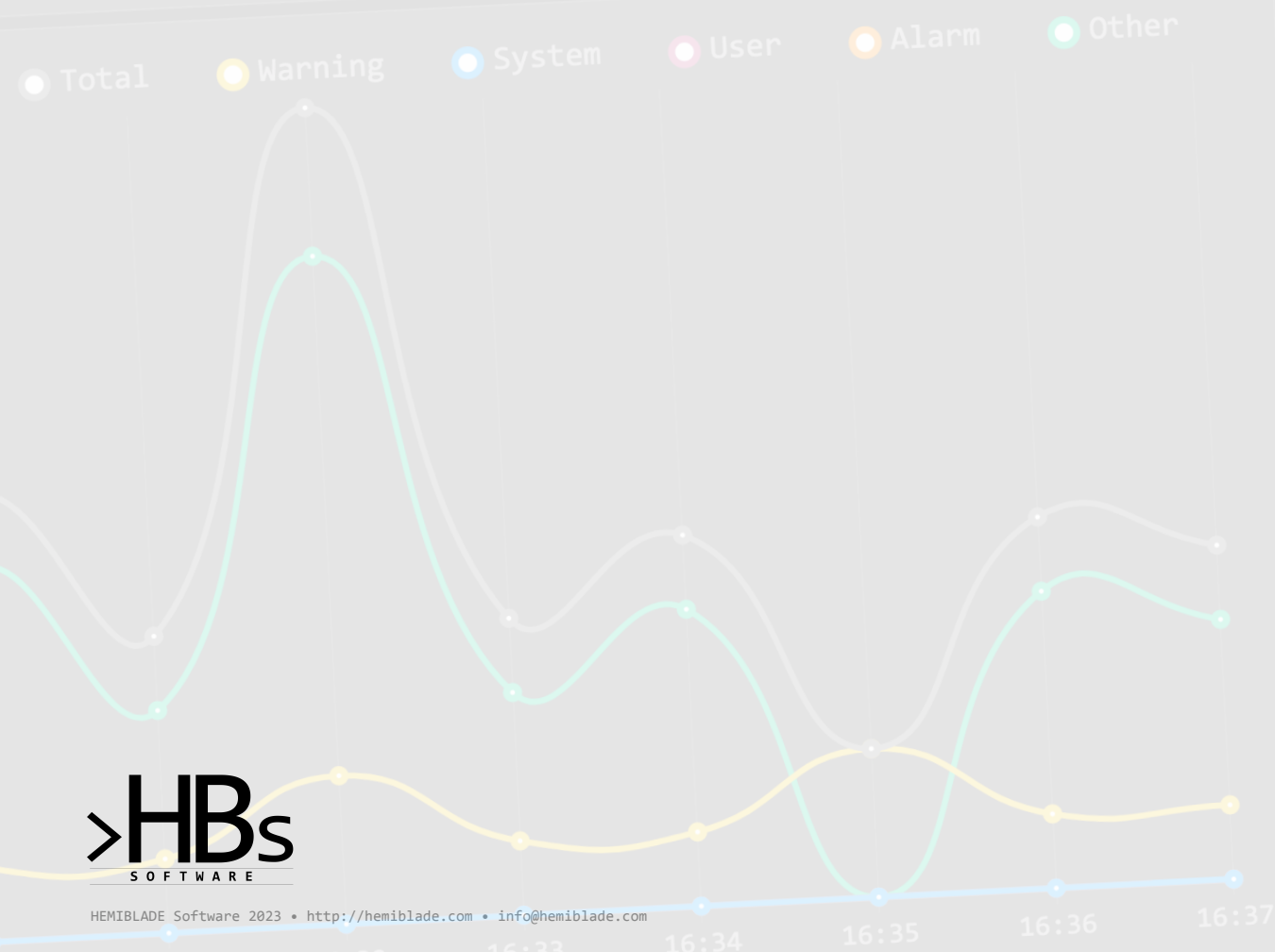
# IFA SETUP GUIDE 2023-R1

This document will guide you through the first steps you should complete once IFA has been installed so it operates correctly. IFA implements a simple and consistent user interface design for a hassle free learning experience. You will get from Cero to Hero in no time.

CONVENTIONS
Recommended browsers are Google Chrome, Firefox, Safari and mostly any modern browser.
OS refers to the operative system a computer or server may use to operate.

TIME SYNCHRONIZATION
The IFA server stores all messages received from enabled alarm panels on the system. That time information is used to pull video from related NVRs and VMSs in the system. If the time from all related devices does not match the video IFA show may not be relevant. Make sure that all related devices (NVRs and VMS) take time information from the same time server.

DNS HOSTNAMES
For a smooth user experience, security certificates from related devices should be enabled on the client's operating system. Security certificate works better when a DNS hostname is used to access data across devices. Make sure that a DNS name is enabled on your network for each NVR, VMS, and the IFA server itself.

SECURITY CERTIFICATES
Most devices uses security certificates to provide video in a secure way. Those certificates should be downloaded from the device's web interface of each related device and stored on the client computers OS marked as "Trusted". For that follow this steps.
1. Point your browser to the device's DNS name and TCP port defined in IFA.
2. If a "NOT SECURE" message is shown on your browser, click on it to display the device connection options (Chrome browser shown).
3. Click on "Certificate is not valid" for the certificate window to show.
4. Select the Details tab and click on Export to download the certificate.
5. Save all certificates to a folder and copy it to all computers that will run IFA.
6. Double-click each certificate and follow the options to load it into the client's OS.
7. Once loaded, change the certificate properties to "trusted,", save it, and close the window.

If the process was completed successfully, the next time you open IFA it should not say the certificate is not valid and video will be displayed without issues.
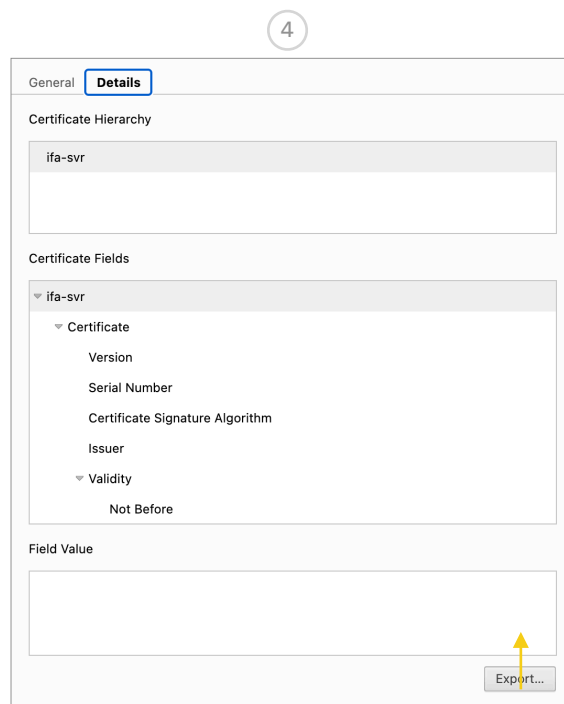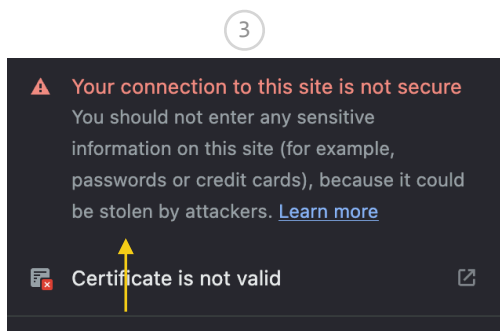
ACCOUNT REGISTRATION AND ACTIVATION
Open the IFA menu and go: SETUP-REGISTRATION.
Register your account information, desired username and password. When ready click the REGISTER icon (1) on the right of the username. When registration completed a green check icon (2) will be shown.

LICENSES TO ENABLE DEVICES
On the same window switch to the LICENSES option.
Licenses you have registered in your software will listed on this window as shown in the image.



On the sidebar AVAILABLE SERIALS to the right are 3 options: ONLINE, OFFLINE and ACTIVATIONS.

> ONLINE - List all available licenses published for your account to add to your software.
> OFFLINE - Generate a "Licensing request file" for you to send to info@hemiblade.com to request and import licenses when internet access is not available.
> ACTIVATIONS - Use your licenses to enable panels and recipients to fit your needs.

RECEPIENTS SETUP

Recipients are devices to which IFA pushes messages in the form of EVENTS or BOOKMARKS for post-processing at the recipient's side. IFA also receives live and recorded video streams from recipients to display them with related panel events.

To register a new device complete all the requested fields which are all mandatory. When done click on the DISK icon (1) so save it. If there are available recipients licenses you may ENABLE it (3) so it can be referenced from other instances in the system.

Once saved the recipient's configuration will be loaded to IFA and populated on the SIDEBAR under the STATUS tab. If not, do a manual RETREIVE by clicking on the REFRESH icon (3).

## PANELS SETUP

Panels refer to security panels from which IFA receives messages and performs actions such as monitoring zone states, arming , disarming panels, and more.

To register a new panel, complete all the requested fields. When done, click on the DISK icon (2) to save it. If there are available panel licenses, you may ENABLE them so they can be referenced from other instances in the system. No mandatory fields are: ID, Group, Firmware, Remote key, exit delay and time out.

Once saved, the panel configuration will be loaded into IFA and populated on the SIDEBAR under the STATUS tab. If not, do a manual RETREIVE (2) by clicking on the REFRESH icon.



When the panel's configuration data is shown in the STATUS section of the information sidebar to the right, it's time to adopt the panel by clicking the ADOPT PANEL button (3). When the adoption is complete, you should see your panel's messages listed on the sidebar's LISTENER tab.

STORAGE PATH
This is where you set the path to the folder or network volume where your saved footage will be
stored. This applies to automated alarms, videos, and manual downloads.

To access the window, open the IFA menu. Go down to the SETUP section and select RESEARCH STORAGE.
The path will be validated when the file is exited.

| STORAGE |
| --- |

STORAGE

PATH

\\10.1.10.45\02_Hemiblade\11_Code\01_Productos\IFA\IFA2023-
R1\21_IFAData\SavedMedia

FREE:     6.1TB (29%)
IN USE: 14.8TB (71%)
TOTAL:   20.9TB


BACKUP SETUP AND PATH
This is where you set your automatic backups and the path to the folder or network volume where they
will be stored.

To access the window, open the IFA menu. Go down to the SYSTEM, BACKUPS.
The path will be validated when the file is exited.

| BACKUP | DATABASE | SETUP | UTILITY |
| --- | --- | --- | --- |

BACKUP SETUP

TAGS

BACKUP DIARIO 7PM
BACKUP SA-DO 7AM

TAG      Backup Diario 7PM                              ⬤ ENABLE

DAY      | MO | TU | WE | TH | FR | SA | SU |

TIME     | 07 | 00 | PM |

PATH     \\10.1.10.45\IFA_Data\Backups\Production

## DASHBOARD SETS

These are groups of panels you want to have monitored together on the Visor dashboard. Create as many dashboard sets as you need based on your strategy. Dashboard sets are assigned to users to limit who can access them. More on the next section. To access it, open the IFA menu. Go down to the SYSTEM section, then select DASHBOARDS, DBS SETS.
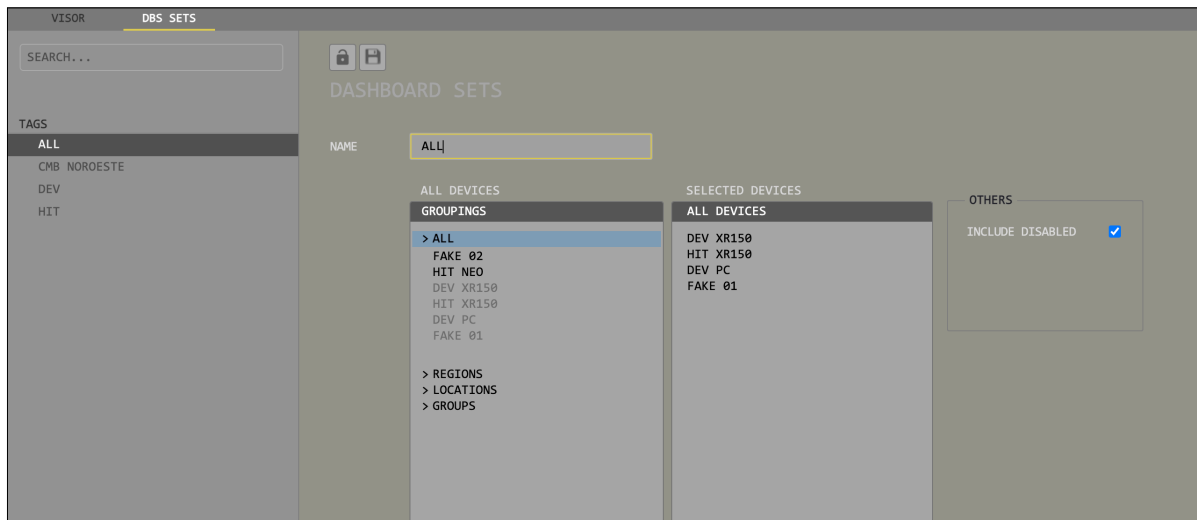


## USERS PRIVILEGES

Create users, assign them a roll, access to panels and dashboard sets, landing dashboard, video layout and more. To access it, open the IFA menu. Go down to the SYSTEM section, then select USERS, PRIVILEDGES.
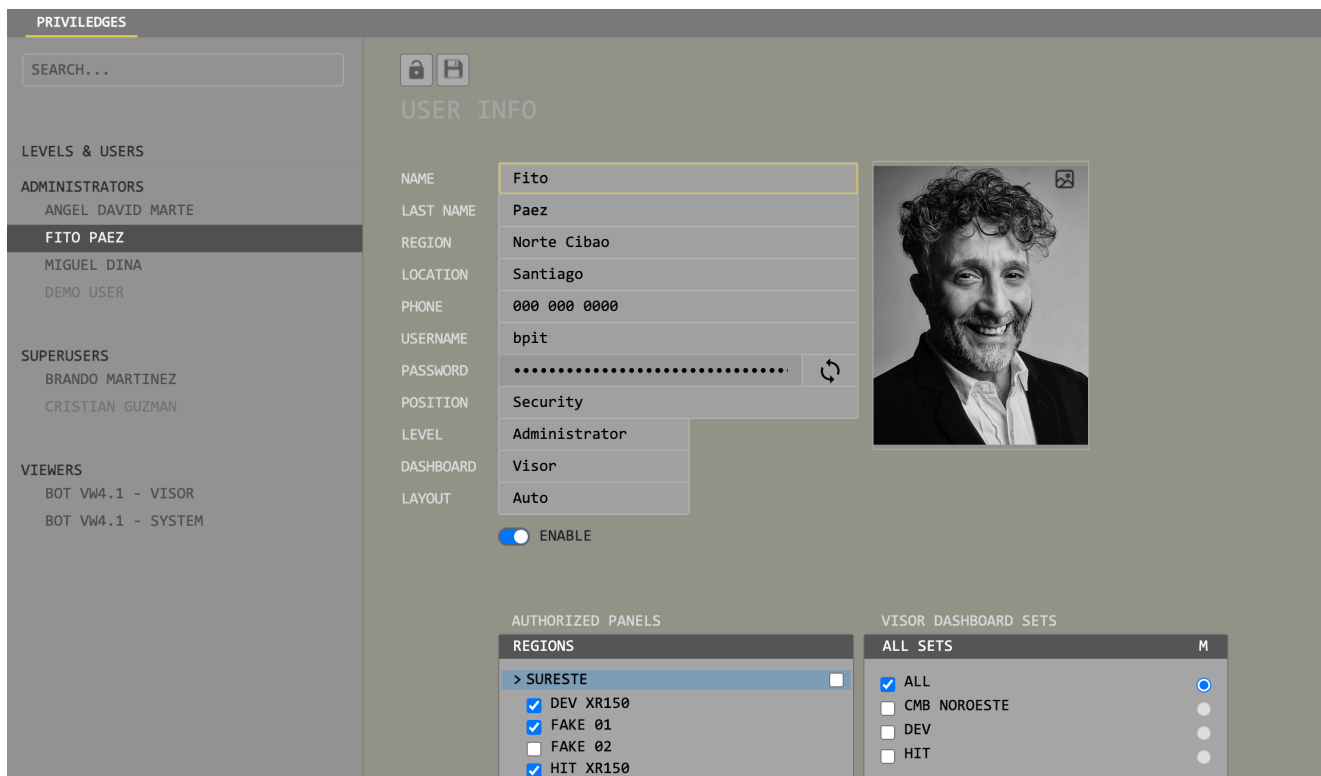
## E-MAIL SMTP SERVER SETUP

Create records for all the E-Mail accounts you will use to send notifications about events.
To access it, go down to the SETUP section, then select NOTIFICATIONS, E-MAIL.



## TELEGRAM SETUP

Register your Telegram Bots to receive instant messages about IFA events. For a detailed guide to created and configure your Telegram Bot download the "IFA Telegram Integration Guide" from the IFA website at https://www.hemiblade.com/ifa

## NOTIFICATIONS RULES

Here is where it all gets put together for the notifications to be sent. Create a new notification record, select the notification method of your preference, and choose to include an image from a related camera or not. After that, mark the check boxes for the events you want to be notified of and save your changes. You are all set.



## HOW TO GET SUPPORT

Support is an email away. State your case as clearly as you can. Include images and/or video and send it to info@hemiblade.com.