



CPU
2%

CRITICAL EVENTS [2]

FAILED FOR 3 TIMES
AT FAILED FOR 3 TIMES

EVENTS

22

22

TIME

16:38:41 PM HIT

16:38:39 PM HIT

16:38:34 PM HIT

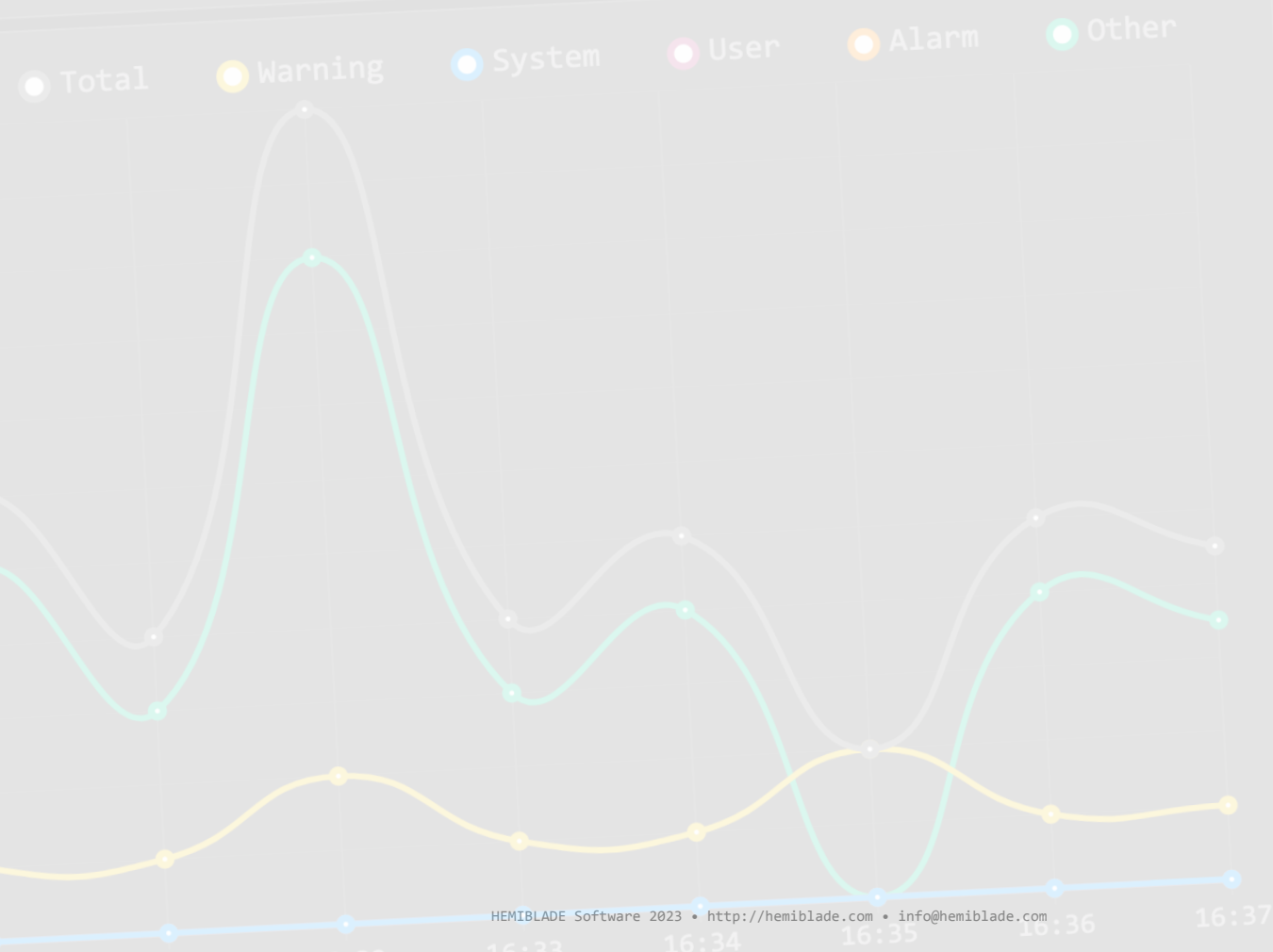
16:38:21 PM HIT

16:38:13 PM HIT

IFA

INTRUSION FIRE AGENT

SETUP GUIDE 2023-R1



16:36:22 PM HIT
16:36:20 PM HIT
16:36:16 PM HIT
16:36:11 PM HIT
16:36:10 PM HIT
16:36:09 PM HIT
16:36:08 PM HIT
16:35:51 PM HIT
16:35:47 PM HIT
16:35:40 PM HIT
16:35:35 PM HIT
16:35:34 PM HIT
16:35:32 PM HIT
16:35:29 PM HIT
16:35:25 PM HIT
16:33:21 PM HIT
16:33:19 PM HIT
16:33:18 PM HIT
16:33:16 PM HIT
16:33:14 PM HIT
16:33:07 PM HIT
16:33:06 PM HIT
16:33:00 PM HIT
16:32:59 PM HIT
16:32:58 PM HIT
16:32:55 PM HIT
16:32:54 PM HIT



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

A DEVICE refers to a system registered on IFA. That could be an NVR, VMS or alar panel.

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.

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- User privileges
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- Telegram setup
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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

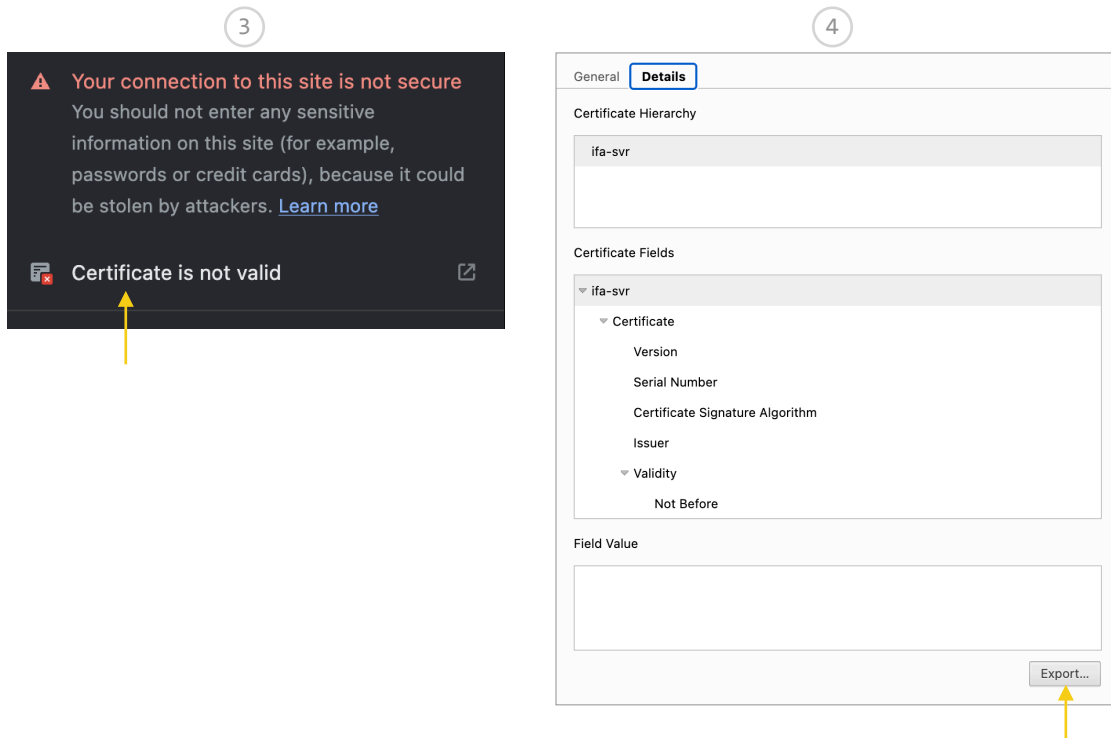
For a smooth user experience, security certificates from related devices should be enabled on the client's operating system. Security certificate works better when a DNS hostname is used to access data across devices. Make sure that a DNS name is enabled on your network for each NVR, VMS, and the IFA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

The image shows two side-by-side screenshots of an 'ACCOUNT REGISTRATION' form. The form has tabs for 'ACCOUNT' and 'LICENSES'. It includes fields for NAME, ADDRESS 1, ADDRESS 2, ADDRESS 3, CITY, STATE, ZIP, COUNTRY, PHONE 1, PHONE 2, EMAIL, USERNAME, PASSWORD, STATUS, and CREATION. In the first screenshot (left), the 'REGISTER' icon (a square with a right-pointing arrow) next to the USERNAME field is highlighted with a yellow arrow and a circled '1'. In the second screenshot (right), the same field now shows a green checkmark icon, which is highlighted with a yellow arrow and a circled '2'. The form data is as follows:

Field	Value
NAME	Hemiblade Software
ADDRESS 1	Calle Mayaguez #1. Altos
ADDRESS 2	Residencial Villas Dumit
ADDRESS 3	
CITY	Santiago
STATE	Santiago
ZIP	51074
COUNTRY	Dominican Republic
PHONE 1	(809) 971-3664
PHONE 2	
EMAIL	info@hyperit.do
USERNAME	hemiblade
PASSWORD
STATUS	ACTIVE
CREATION	Friday, August 26, 2022



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.

ACCOUNT

LICENSES

SERIALS REGISTRATION

ISSUED	TYPE	KIND	LIMIT	LICENSES	SERIAL	EXPIRES	STATUS
2023/01/05	PERMANENT	PANEL	STD	5	AAB-B5MNE-DWUU9-XVZEB-WEQCG	NEVER	OK
2023/01/05	PERMANENT	RECIPIENT	STD	5	AAC-7APR7-Q9NAA-F9D7A-QEK7X	NEVER	OK

REMOVE

REFRESH

LICENSES SUMMARY

10 Permanent Licenses

00 Subscription Licenses

01 of 05 Device Licenses Used

01 of 05 Recipient Licenses Used

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.

AVAILABLE SERIALS

ONLINE OFFLINE ACTIVATIONS

SERIAL

KIND

LICS

EXPIRES

NOT LICENSES RETRIEVED.

AVAILABLE SERIALS

ONLINE OFFLINE ACTIVATIONS

LICENSING REQUEST

GENERATE A LICENSING REQUEST FILE

GENERATE REQUEST

LICENSES

ADD NEW LICENSES TO THE SERVER

IMPORT LICENSES...

AVAILABLE SERIALS

ONLINE OFFLINE ACTIVATIONS

RECIPIENTS

PANELS

NAME	ACTION
AVIGILON	DISABLED
AVIGILON SVR	DISABLED
HIKVISION DVR	DISABLED
HIKVISION NVR	DISABLED
Milestone Professional Plus	DISABLED
NX Witness	ENABLED
Wisenet WAVE	DISABLED



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 (2) 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).

RECIPIENTS PANELS NOTIFICATIONS

  1


RECIPIENTS INFO


ID	{2d3f2222-bc02-a938-654a-e05589c82253}	<input type="checkbox"/> ENABLE 2
NAME	HIT NX	
REGION	Norte	
LOCATION	Santiago	
ENGINE	NX WITNESS	
VERSION	5.0.0.36634	
DRIVER	NX.V4.2	
CLOUD ID		
IP ADD	nvr-pico	
PORT	7001	
USERNAME	ifa	
PASSWORD	
TIME OUT	500	

☒ ENABLE HTTPS
☐ HEARTBEAT

INFORMATION

STATUS SERVERS CAMERAS

 3



Nx Witness

VIDEO MANAGEMENT SYSTEM

HIT NX

ENGINE: NX WITNESS	SERVICES: 4
VER: 5.0.0.36634	CAMERAS: 62
DRIVER: NX.V4.2	LICENSES: 6
	USERS: 20
	VIDEOWALLS: 4

CURRENT STATUS

● ENABLED

● CONNECTION

TODAY MESSAGES

EVENTS:	0
FIRE:	0
INTRUSION:	0
USER:	0
SYSTEM:	0

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.

RECIPIENTS **PANELS** NOTIFICATIONS

LOCK DISK

PANEL INFO

ID **1** 0017CE24 ✓ ☐ ENABLE

NAME HIT XR150

REGION Sureste

LOCATION STI Principal

GROUP XR150

MAKER DIGITAL MONITORING PRODUCTS (DMP)

MODEL XR150/350/550

FIRMWARE 221

DRIVER DMP.XR.SERIES.V221

ACCOUNT 04193 FIRE OUTPUT 003

REMOTE KEY EXIT DELAY 15

IP ADDRESS 10.1.12.93

PORT 2001

GMT -4 ☒ UPDATE TIME

TIME OUT 500

☒ RTE ☐ HEARTBEAT

INFORMATION

STATUS A & Z RULES CAMERAS

DMP

HIT XR150

MODEL: XR550
MAC: 00:0B:94:25:44:C3
FW: 221

AREAS: 4
ZONES: 57
OUTPUTS: 3
PROFILES: 11
USERCODES: 5

CURRENT STATUS

☒ STATUS
☒ RETRIEVE
☒ CONNECTION
☐ NETWORK

TODAY MESSAGES

EVENTS: 1496
FIRE: 0
INTRUSION: 0
USER: 0
SYSTEM: 0

USERS **LISTENER**

TIME	TYPE	DESCRIPTION
18:08:05	RTE	505 ING PIR NORMAL
18:08:01	RTE	062 ING PTA CM NORMAL
18:07:59	RTE	505 ING PIR OPEN
18:07:58	RTE	051 CNF PTA ING CM NORMAL
18:07:57	RTE	505 ING PIR NORMAL
18:07:56	RTE	062 ING PTA CM OPEN
18:07:54	RTE	051 CNF PTA ING CM OPEN
18:07:53	RTE	505 ING PIR OPEN

TEST CONNECTION
ADOPT PANEL ...
ADJUST TIME
LOAD TEMPLATE ...
REPORTS ...

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.

BACKUP SETUP AND PATH

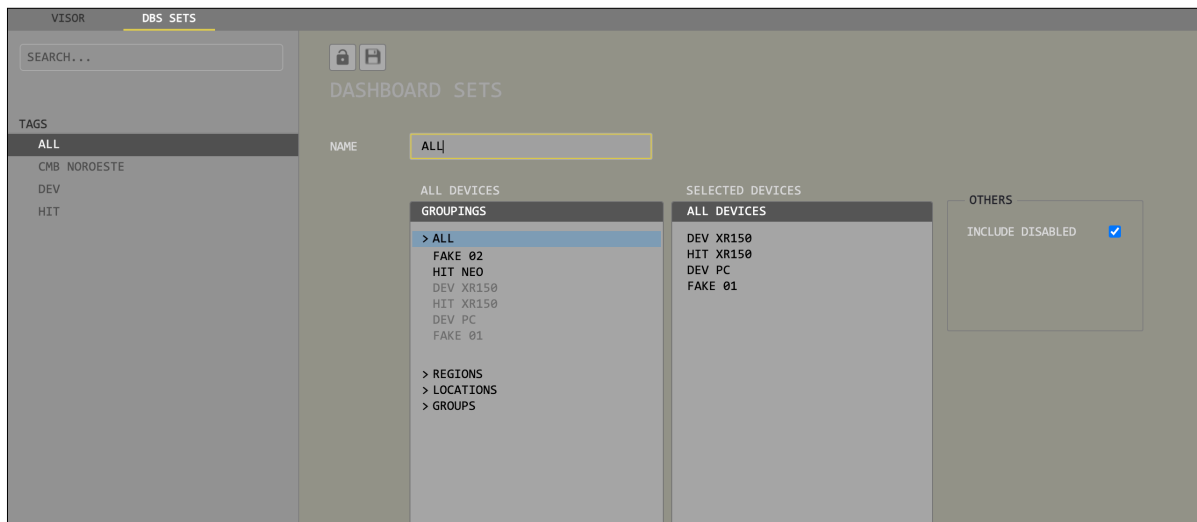
This is where you set your automatic backups and the path to the folder or network volume where they will be stored.

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



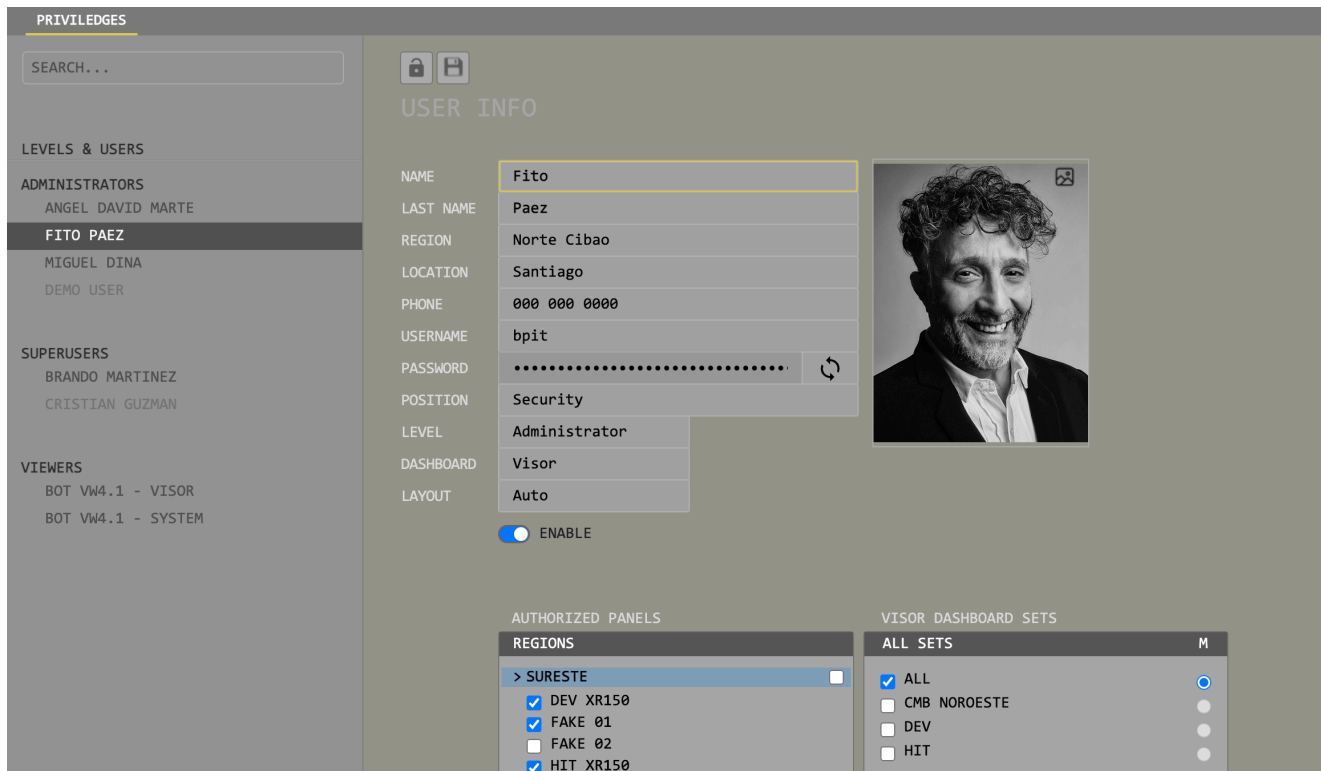
DASHBOARD SETS

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, PRIVILEGES.





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.

The screenshot shows the 'E-MAIL' tab selected in the top navigation bar. On the left, there is a sidebar with a search bar and a list of tags: CODE4GOOD, HYPER LOGS, EXAMPLE, and HIT INFO. The main area is titled 'OUTGOING MAIL SERVERS (SMTP)' and contains a form for configuring an SMTP server. The form fields are: TAG (CODE4GOOD), ACCOUNT (code4good.hit@outlook.com), TYPE (SMTP), USER NAME (code4good.hit@outlook.com), PASSWORD (masked with dots), HOST NAME (smtp-mail.outlook.com), PORT (587), and IMAGE SIZE (ORIGINAL). There is a checkbox for 'USE TLS/SSL' which is checked, and an 'ENABLE' toggle switch which is turned on.

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>

The screenshot shows the 'TELEGRAM' tab selected in the top navigation bar. On the left, there is a sidebar with a search bar and a list of tags: DEMO, EXAMPLE, IFA GUIDE, and IFAPROD_BOT. The main area is titled 'TELEGRAM BOT' and contains a form for configuring a Telegram bot. The form fields are: TAG (DEMO) and API KEY (masked with dots). There is an 'ENABLE' toggle switch which is turned on.



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.

The screenshot shows the 'HEMIBLADE IFA' interface with the 'NOTIFICATIONS' tab selected. The left sidebar contains a 'MANAGEMENT' menu and a list of 'ACCOUNTS' including 'ALARM EVENTS', 'DMP - ALARMS', 'EMAIL NOTIFICATION DEMO', 'IFA GUIDE', 'MDINA - ALARMS', and 'TELEGRAM NOTIFICATION DEMO'. The main content area is titled 'ACCOUNT INFO' and includes an 'ENABLE' toggle switch. Below this, there are fields for 'TAG' (set to 'Telegram'), 'METHOD' (set to 'IFAPROD_BOT'), 'CODE' (set to 'ee1ec0' with a 'VERIFY' button), 'GROUP NAME' (set to 'Demo 01/24'), and 'REGION'. A 'SEND IMAGE' checkbox is checked. At the bottom, there are four panels for selecting events: 'PANEL EVENTS' (with options like HEARTBEAT, OFFLINE, AC TROUBLE, BATTERY TROUBLE, COMM TROUBLE, and DISABLED), 'SYSTEM EVENTS' (with options like STARTUP, HIGH CPU, HIGH DISK, HIGH MEMORY RAM, and UNAUTHORIZED ATTEMPT), 'ALARM EVENTS' (with options like FIRE, INTRUSION, PANIC, SUPERVISORY, TROUBLE, and USER), and 'RECIPIENT EVENTS' (with options like HEARTBEAT, DOWNLOAD ERROR, and MIN STORAGE).

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.