



CPU
2%

CRITICAL EVENTS [2]

EVENTS

22

TIME

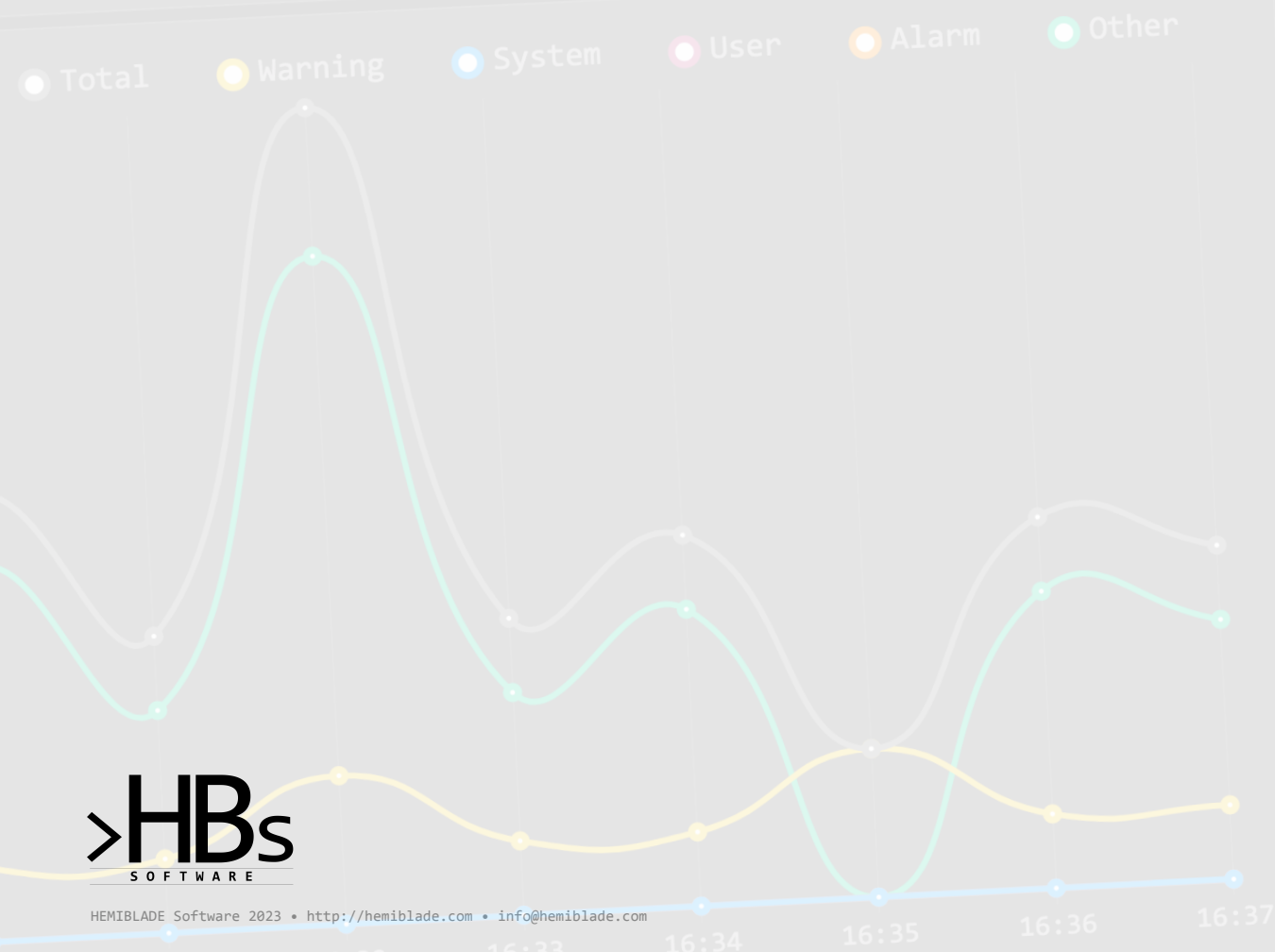
16:38:41 PM HIT

16:38:39 PM HIT

IFA

INTRUSION FIRE AGENT SETUP GUIDE

16:37:21 PM HI
16:37:20 PM HI
16:37:17 PM HI
16:36:22 PM HI
16:36:20 PM HI
16:36:16 PM HI
16:36:11 PM HI
16:36:10 PM HI
16:36:09 PM HI
16:36:08 PM HI
16:35:51 PM HI
16:35:47 PM HI
16:35:40 PM HI
16:35:35 PM HI
16:35:34 PM HI
16:35:32 PM HI
16:35:29 PM HI
16:35:25 PM HI
16:33:21 PM HI
16:33:19 PM HI
16:33:18 PM HI
16:33:16 PM HI
16:33:14 PM HI
16:33:07 PM HI
16:33:06 PM HI
16:33:00 PM HI
16:32:59 PM HI
16:32:58 PM HI
16:32:55 PM HI
16:32:54 PM HI



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.

TABLE OF CONTENTS	PAGE
Time synchronization	2
DNS hostnames	2
Security certificates	2
Account registration and activation	3
Licenses to enable devices	4
Recipients setup	5
Panels setup	6
Storage path	7
Backup setup and path	7
Dashboards sets	8
User privileges	8
E-Mail SMTP server setup	9
Telegram setup	9
Notification rules	10

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.

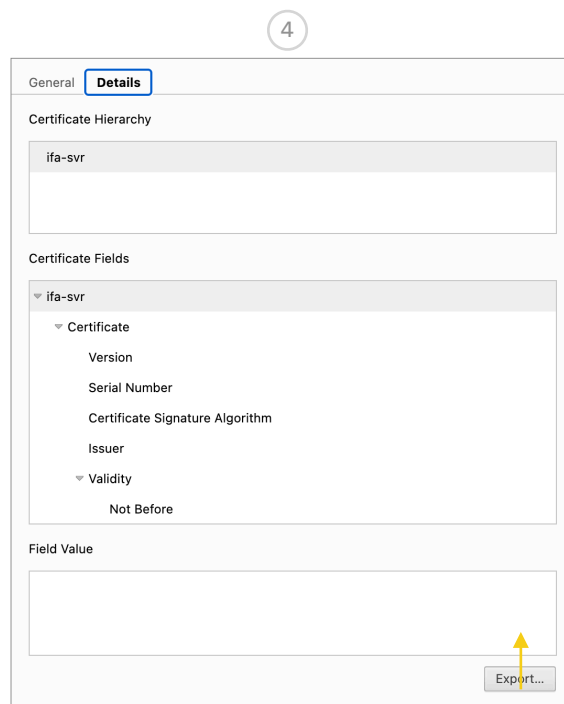
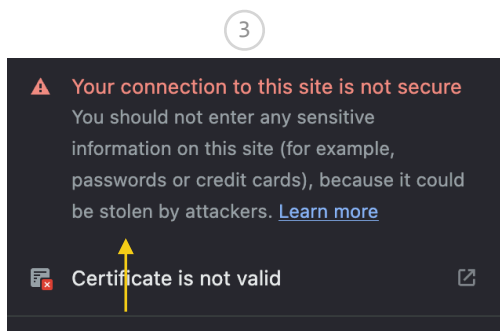
SECURITY CERTIFICATES

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.

ACCOUNT

LICENSES

🔒

💾

ACCOUNT REGISTRATION

ONLINE

OFFLINE

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

1

🔑

PASSWORD

.....

🔄

STATUS

ACTIVE

CREATION

Friday, August 26, 2022

USERNAME

hemiblade

2

✅

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
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	<input type="button" value="Refresh"/>
TIME OUT	500	

☒ ENABLE HTTPS
☐ HEARTBEAT

2

INFORMATION

STATUS **SERVERS** **CAMERAS**

3

NxWitness
VIDEO MANAGEMENT SYSTEM

HIT NX

ENGINE:	NX WITNESS	SERVERS:	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 refer to security panels from which IFA receives messages and performs actions such as monitoring zone states, arming , disarming panels, and more.

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

1

PANEL INFO

ID

0017CE24

✓

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

ENABLE

The screenshot displays the DMP HIT XR150 web interface, which is organized into several functional sections:

- Top Navigation Bar:** Features a yellow header with the "INFORMATION" title and a set of tabs for "STATUS", "A & Z", "RULES", and "CAMERAS".
- Device Image:** A photograph of the white, open metal enclosure of the HIT XR150, showing the internal green circuit board and a small antenna.
- Device Identification:** A section titled "HIT XR150" containing the following details:
 - MODEL: XR150
 - MAC: 00:0B:94:25:44:C3
 - FW: 221
- Configuration Summary:** A table-like view showing system parameters:
 - AREAS: 4
 - ZONES: 57
 - OUTPUTS: 3
 - PROFILES: 11
 - USERCODES: 5
- Operational Status:**
 - CURRENT STATUS:** A section with four status indicators:
 - STATUS
 - RETRIEVE
 - CONNECTION
 - NETWORK
 - TODAY MESSAGES:** A list of events for the current day:
 - EVENTS: 1496
 - FIRE: 0
 - INTRUSION: 0
 - USER: 0
 - SYSTEM: 0
- Log Table:** A table with columns "TIME", "TYPE", and "DESCRIPTION" showing recent system events. The entries include timestamps from 18:08:05 to 18:07:53, with types like "RTE" and descriptions such as "505 ING PIR NORMAL" or "062 ING PTA CM OPEN".
- Right-Side Menu:** A vertical menu on the far right with options: "TEST CONNECTION", "ADOPT PANEL ...", "ADJUST TIME", "LOAD TEMPLATE ...", and "REPORTS ...".

Four numbered callouts are present in the image:

- Points to the "STATUS" tab in the top navigation bar.
- Points to the "HIT XR150" title and the device information section.
- Points to the "TEST CONNECTION" option in the right-side menu.
- Points to the "CURRENT STATUS" section, specifically highlighting the status indicators.

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.

The screenshot shows the 'STORAGE' configuration window. At the top, there are two icons: a lock and a floppy disk. Below them is the title 'STORAGE'. The 'PATH' field contains the text: '\\10.1.10.45\02_Hemiblade\11_Code\01_Productos\IFA\IFA2023-R1\21_IFADData\SavedMedia'. To the right of the path field is a green circular icon with a white 'G'. Below the path field, the storage status is displayed: 'FREE: 6.1TB (29%)', 'IN USE: 14.8TB (71%)', and 'TOTAL: 20.9TB'.

BACKUP SETUP AND PATH

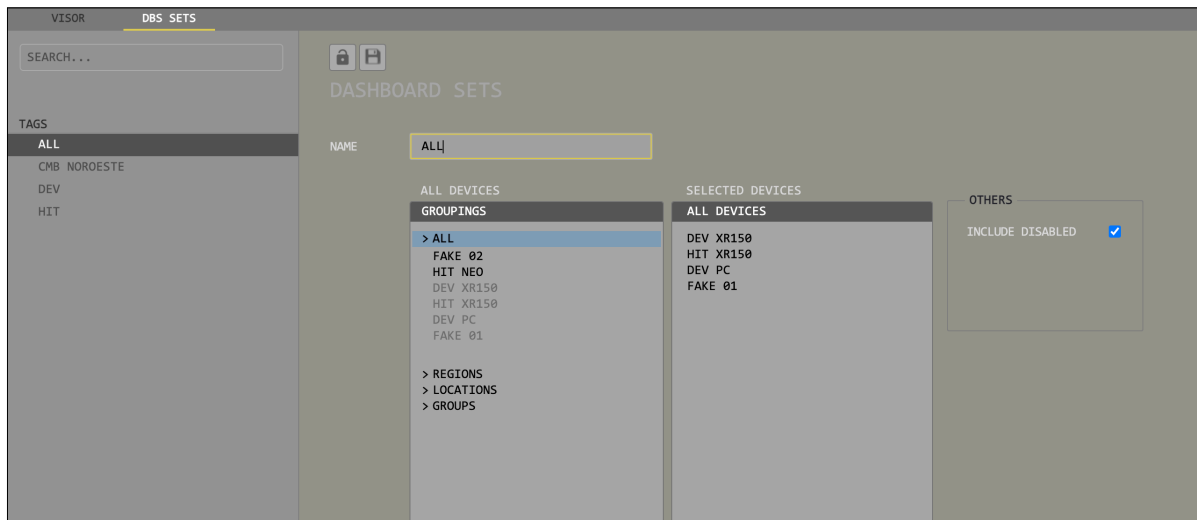
This is where you set your automatic backups and the path to the folder or network volume where they will be stored.

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

The screenshot shows the 'BACKUP SETUP' configuration window. At the top, there are four tabs: 'BACKUP', 'DATABASE', 'SETUP', and 'UTILITY'. The 'BACKUP' tab is selected. On the left side, there is a 'TAGS' section with two entries: 'BACKUP DIARIO 7PM' and 'BACKUP SA-DO 7AM'. The main area is titled 'BACKUP SETUP'. It contains several fields: 'TAG' with the value 'Backup Diario 7PM', 'DAY' with a dropdown menu showing 'MO', 'TU', 'WE', 'TH', 'FR', 'SA', and 'SU', 'TIME' with a dropdown menu showing '07', '00', and 'PM', and 'PATH' with the value '\\10.1.10.45\IFA_Data\Backups\Production'. To the right of the 'TAG' field is a toggle switch labeled 'ENABLE'.

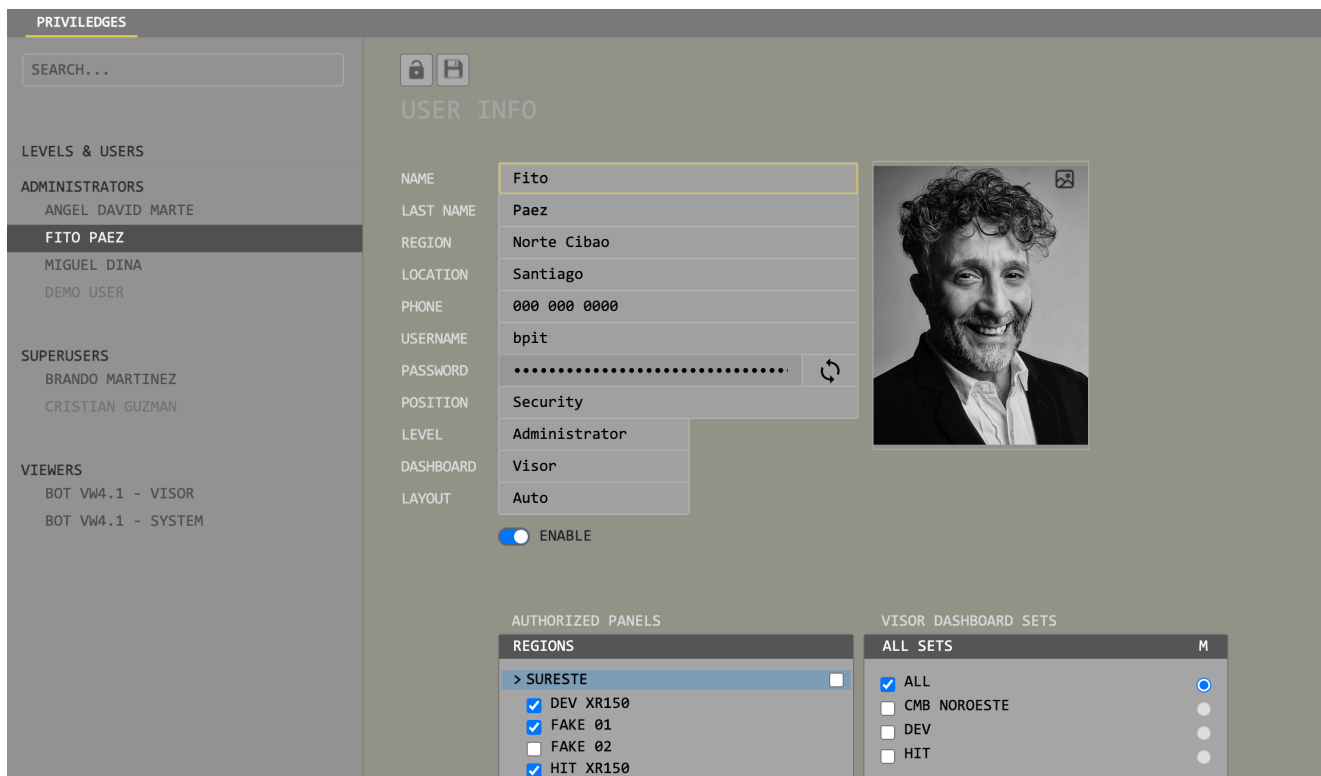
DASHBOARD SETS

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.

E-MAIL TELEGRAM

SEARCH...

TAGS

- CODE4GOOD
- HYPER LOGS
- EXAMPLE
- HIT INFO

OUTGOING MAIL SERVERS (SMTP)

TAG: CODE4GOOD ☒ ENABLE

ACCOUNT: code4good.hit@outlook.com

TYPE: SMTP

USER NAME: code4good.hit@outlook.com

PASSWORD:

HOST NAME: smtp-mail.outlook.com

PORT: 587

☒ USE TLS/SSL

IMAGE SIZE: ORIGINAL

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>

E-MAIL **TELEGRAM**

SEARCH...

TAGS

- DEMO
- EXAMPLE
- IFA GUIDE
- IFAPROD_BOT

TELEGRAM BOT

TAG: DEMO ☒ ENABLE

API KEY:

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.

HEMIBLADE IFA

MANAGEMENT

SEARCH...

ACCOUNTS

ALARM EVENTS

DMP - ALARMS

EMAIL NOTIFICATION DEMO

IFA GUIDE

MDINA - ALARMS

TELEGRAM NOTIFICATION DEMO

RECIPIENTS

PANELS

NOTIFICATIONS

ACCOUNT INFO

TAG

ALARM EVENTS

METHOD

Telegram

BOT

IFAPROD_BOT

CODE

ee1ec0

VERIFY

GROUP NAME

Demo 01/24

REGION

SEND IMAGE

ENABLE

PANEL EVENTS

ALL

HEARTBEAT

OFFLINE

AC TROUBLE

BATTERY TROUBLE

COMM TROUBLE

DISABLED

SYSTEM EVENTS

ALL

STARTUP

HIGH CPU

HIGH DISK

HIGH MEMORY RAM

UNAUTHORIZED ATTEMPT

ALARM EVENTS

ALL

FIRE

INTRUSION

PANIC

SUPERVISORY

TROUBLE

USER

RECIPIENT EVENTS

ALL

HEARTBEAT

DOWNLOAD ERROR

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.

