

# ALARM RECEIVING AND CENTRALIZING SOFTWARE PROGRAMMATION MANUAL



www.kseniasecurity.com

#### INDEX

INTRODUCTION	2
TECHNICAL DATA	2
ASSISTANCE ON VIGILO SOFTWARE	3
FIRST POWER UP	3
FIRST POWER UP	4
SOFTWARE	5
UTILITY MENU	5
HELP MENU	9
ARCHIVES MENU	9
MONITOR MENU	
LOGOUT MENU	21
LARES PROGRAMMATION FOR SENDING EVENTS	
RESET NETWORK CONFIGURATIONS	
NETWORK CONFIGURATIONS	
CERTIFICATIONS	

#### INTRODUCTION

vigilo is alarm receiving and centralizing software by Ksenia Security.

Thanks to the enormous opportunities offered by their **lares IP** Panels that connect directly to the network without need for additional transmission devices, or to **gemino** GSM/GPRS Communicator series, the next logical step is to allow, for example, General Headquarters of a credit institute to centralize contemporarily a very significant number of security systems as well as to allow selected Ksenia installers to offer new and important value-added services to its customers (for example maintenance contracts with planned intervention or depending of system operating conditions).

**vigilo** provides three access levels (Installer, operator, customer) and doesn't need any application: just open an internet browser and connect to the IP address of the machine on which it is installed to display the systems status, so it works with all operating systems and also with tablet Android or MAC-OS. The **vigilo** SW (not to be confused with the supervisory SW) is designed to be very simple, self-explanatory but still able to receive any events from connected systems. The number of such systems is limited to 50 in the case of the basic version and can reach up to 500 in **vigilo pro** version (Professional).

# **TECHNICAL DATA**

CPU / Intel® Atom™ D525 1.8GHz CPU Cache / 1024 KB RAM / 2048 MB DDR3-800 So-DIMM Mass storage / Hard Disk 320 GB SATA 2.5'' Graphic board / 512 MB NVIDIA® ION™ 2 LAN / Built-in Ethernet board with 10/100/1000 Mbps support Wi-Fi / Built-in Wi-Fi board with IEEE 802.11 b/g/n support I/O / VGA - HDM1 - RJ45 - 4 USB 2.0 input - Audio input - Line-Out output Power Supply / AC 100 ~ 240V 50/60Hz - 19v ~ 3,42A 65W Monitor / supplied separately Keyboard/Mouse / supplied separately Dimensions / 19,3 x 14,8 x 2,2 cm (W x H x D) Weight / 530 g.

Technical specifications, appearance, functions and other product characteristics may change without notice.

#### **ASSISTANCE ON VIGILO SOFTWARE**

For assistance regarding the software please send an e-mail to the following address:

### vigilo@kseniasecurity.com

An answer will be sent within 24 hours.

The body of the email must contains the serial number of the hardware in which the **vigilo** software is installed. You can find the serial number on the label mounted on device.

### FIRST POWER UP

1. Turn on the PC

- **3.** Configure your network settings. This allows to use a cable (not necessarily a crossover cable) to exactly connect to the machine.
- 4. Do a test of the machine by running a ping 192.168.2.93 on a command shell.
- 5. Open a browser and type the following url on the address bar: http://192.168.2.93
- 6. The following screen is shown, as software activation screen



7. After the software activation, it access to the login page.

#### **IMPORTANT:**

To change the network settings, in order to use the vigilo in pre-existing network, please use the '**Utility menu**' (see following pages)

Connect your own PC to the same Net as the vigilo, configuring the proper settings. Type the following url on the address bar: http://192.168.2.93/csr The following page is shown:



This is the login page. You can the software language and the kind of user.

At the first start just one admin user is pre-configured: **admin/admin** For safety reasons, at the first start it is highly recommended to create a new 'Installer' user and then delete the default one.

No customer and no operator users are pre-configured at the first start.

Please insert the following parameters to login: language: english UserName: admin Password: admin

After login, the following page is shown:

Monitor	Archives 👻	Utility 👻	Help 👻	Logout	
					vigilo
					VIGILO



In this section there are utilities for interacting with the vigilo hardware

# MAIN SETTINGS

VIGILO
× pro
_
_

By enabling this option, the PC connected on software monitor issues an acoustic alert when an alert event occurs (enabled by default).

# UTILITY MENU

BACKUP / RESTORE	
Monitor Archives - Ounty - Heip - Logout	
	vigilo
Ks Backup/Restore	× pro
Backup	
Backup	
Restore	
Restore	

It is possible to backup the database, using the first key. The file created will be named:

#### vigilo\_dateHour.bak

Using the second key it it possible to restore a backup previously created.

#### RESTART

This command will prompt the following page and then will re-boot the PC.



After answering 'Yes' the following screen will be shown, and the PC will re-boot.



### SHUTDOWN

This command will switch off the PC. The following question will be prompted:



After answering 'Yes' the following screen will be shown, and the PC will switch off.



### **NETWORK CONFIGURATION**

Here the network setting of the host PC can be configured. This is the configuration prompt:

IP Address	192.168.168.21
Subnet Mask	255.255.0.0
Gateway	192.168.168.1
Primary DNS	8.8.8.8
Secondary DNS	8.8.4.4
	Restore factory settings

#### IMPORTANT

By selecting 'Restore factory data' the default network configurations will be restored (see page 3)

After checking '**Confirm**' the following page with a progress timer will be shown, and the host PC will re-boot.



# UTILITY MENU

When the timer expires, the browser will be re-directed to the new network address.



# **SMTP SETTINGS**

Server SMTP	smtp.gmail.com	
Port	465	
Authorization required		
Usemame	ksstommyx@gmail.con	
Password	••••••	
Security	SSL •	
From (insert the sender mail)	ksstommyx@gmail.con	
From Name (insert the name of the sender)	VigiloKsenia	
Test configuration		
Send a test mail to	Send	

SMTP Server / server from which vigilo will send e-mails

Port / SMTP server port

Authorization required / selecting this option it needs user/psw to send e-mails Username / username used by vigilo to send e-mails Password / account password used by vigilo to send e-mails Security / kind of security used to send e-mails From / insert the sender mail address. From Name / name displayed to the receiver.

Note: there is a test section on which it is possible to set a test receiver to check if configurations are correct

			HELP MENU	
INFORM	ATIONS			
Monitor	Archives 👻 Utility 👻	Help 👻 Logout		
	About Serial Version	4HA1230006527 PRO 03th-cfdt-3bc3-0226	×	
	Activation date	07/05/2014		

On this section, the following informations are available: **Serial** / serial number of the PC on which **vigilo** is installed. **Version** / Pro or Standard (*that is 500 or 50 devices*). **Licence** / Software licence code. **Activation date** / date of the first login, start of warranty and assistance

# **ARCHIVES MENU**

Monitor	Archives - Utility -	Help 🗸	Logout
	Devices		
	Event Type		
	Events		
	Users		

#### USER MANAGEMENT

By checking 'Users' the following page is shown:

Surname	Name	Username	Enabled
Admin	Admin	admin	🗹 si 着
Giorgio	Finaurini	qwer	🗹 si
operatore	operatore	operatore	🗹 si
nstallatore	installatore	installatore	🗹 si
cliente	cliente	cliente	🗹 si

#### **ARCHIVES MENU**

#### NEW USER

In order to create a brand new user, check 'New'. The following page is shown:

Monitor Archives	▼ Utility ▼ Help ▼ Logout	
Ks Users		×
Back to list		
Surname		
Name		
Username		
Password		
Enabled		
Locked		
Expire		
Last Access		
Role	<b></b>	
Save	Delete Cancel	

#### Enabled: Enables user

Locked: Blocks user

Expire: insert a date after which this user will be locked

**Role:** Installer / this user can manage system sensible data, that is to manage 'Archives' section. Moreover, it can check/acquire all alerts/events from all panels in system.

**Operator** / this user can check/acquire all alerts/events from all panels in system **Customer** / this user can only check/acquire alerts/events from the panels connected to him

# 'CUSTOMER' USER

Ks <sup>•</sup> <sup>Users</sup>	×
Back to list	
Surname	pippo
Name	pippo
Username	pippo
Password	
Enabled	8
Locked	
Expire	03/07/2014
Last Access	
Role	Customer •
Enabled Devices	Code Description Action
Save	Delete Cancel

In addition to the data for all other users, there is the '**Enabled Devices**' section, on which it is possible to insert all the Panels connected to this user.

# EDIT USER

In order to edit one of the users, just click on its row on table. The following page is shown:

Back to list   Surname cliente   Name cliente   Usemame cliente   Usemame cliente   Tassword	Ks <sup>•</sup> <sup>Users</sup>	x
Surname       cliente         Name       cliente         Username       cliente         Password	Back to list	
Name cliente   Username cliente   Password	Surname	cliente
Username       cliente         Password	Name	cliente
Password   Enabled  Icoked  Icoked  Is/12/2014  Is/12/2014  Code  Description  Action  123456  CasmarPanel  Delete  Action  123456  CasmarPanel  Delete  Cancel  Save  Delete  Cancel  Cancel	Username	cliente
Enabled   Locked   Expire   15/12/2014   Role   Customer •   Image: Code Description Action 123456   123456   CasmarPanel Delete Cancel	Password	
Locked       Initial State	Enabled	
Expire 15/12/2014 Last Access Role Customer Code Description Action 123456 CasmarPanel Delete Add Devices Save Delete Cancel	Locked	
Code     Description     Action       123456     CasmarPanel     Delete	Expire	15/12/2014
Code     Description     Action       123456     CasmarPanel     Delete         Add Device         Save     Delete         Cancel	Last Access	
Code     Description     Action       123456     CasmarPanel     Delete       Add Device       Save     Delete       Cancel	Role	Customer 🔻
Save Delete Cancel	Enabled Devices	Code     Description     Action       123456     CasmarPanel     Delete       Add Device     Add Device
	Save	Delete Cancel

#### **EVENTS MANAGEMENT**

In order to manage events, click on 'Events'. The following page is show:

Code	Description	Event Type	Alert
AR	AC restoral	Failures	🖉 yes
AT	AC trouble	Failures	🕑 yes
BA	Burglary alarm	Alarms	🕑 yes
BB	Burglary bypass	Exclusions	🗹 yes
BR	prova	Alarms	🕑 yes
вт	Burglary trouble	Failures	🕑 yes
CL	Closing report	Operativity	🕑 yes
DD	Access denied	Others	🛩 yes
DU	Dealer ID	Operativity	🕑 yes
EJ	Expansion tamper restore	Failures	🕑 yes
ER	Expansion restoral	Failures	🕑 yes
ES	Expansion devide tamper	Failures	🕑 yes
ET	Expansion trouble	Failures	🕑 yes
FA	Fire alarm	Emergency	✓ yes

On this page, all the events generated by Ksenia Panels by default are displayed. It is possible to modify single events or to create new ones. Obviously, new events are needed only if custom events are programmed on **lares** panels.

Regardless the kind of events, the following page is shown:

ode		
	Language Description	Action
	Default  AC restoral	Delete
	Italiano • Ripristino rete AC	Delete
lescription		
	Add description	
vent Type	Failures •	
lert		

Code / event code.

Description / event description

Event Type / select a kind of event (the different available events are displayed on the following 'Kind of Events' section)

Alert / this flag allows the event to be displayed on 'Alert' section and on the log map

#### **ARCHIVES MENU**

### **EVENTS CLASS MANAGEMENT**

Select 'Event Type' to manage it. The following page is shown:

Ks Even	t Туре	×
Code	Description	Priority
EMR	Emergency	1 🚔
ALR	Alarms	2
FAI	Failures	3
EXC	Exclusions	4
OPR	Operativity	5
OTH	Others	6 🗸

In this case, the types of events are only editable. Once pressing on a row, the following page is shown

S Event Type		×
Back to list		
Code	ALR	
Description		
Priority	2	
Marker	$\bigtriangledown \bigcirc \bigcirc$	
Save	Cancel	

Priority / numeric value associated with a tipe of events. It is used to manage the order of appaerence of marker on 'Map Log' section.

Marker / marker displayed on 'Map Log' section at the occourring of an event that belongs to a specific type

# **DEVICE MANAGEMENT**

Select 'Devices' to manage it. The following page is shown:

Code	Description	Latitude	Longitude
123456	CasmarPanel	0.0	0.0
230679	Demo 1234	0.0	0.0
323232	Extronic Panel	59.1979	18.1199
22222	GeminoOkisan	0.0	0.0
88888	GeminoTomNew	0.0	0.0
F1CA	Gioraio	0.0	0.0

On this page, the devices present on system are displayed (*Panels and Communicators*). It is possible to modify the present devices or create new ones. In both cases, the following page is displayed:

Back to list	
Details Keepalive	
Code	121212
Description	KseniaDemo
Application Level ID	0ABABAB 🥝
UDP Port	2025
Latitude	42.981978
Longitude	13.809344
Device Link	http://laresksenia.dyndns.org:8003
Username	admin
Password	

# DETAIL SECTION

**Code** / this code identifies the Panel in an univocal way on system.

Application Level ID / this code identifies the Panel in an univocal way on application layer

**UDP Port** / indicates the UDP port in which the devices receives the ACK message. If empty, **vigilo** sends the answer to the port from wich the data packet is arrived.

Device Link / link to the Panel web server.

Username/Password / credits to access the web server

# **KEEPALIVE SECTION**

Ks Devices	×
Back to list Details Keepalive	
Last Keepalive	27/03/2013 14:47:09 🥝
Keepalive Interval	minutes 🥝
Minimun interval between two alerts.	Hours
Send mail when a Keepalive alert is generated	0
Recipients for the Keepalive alerts. Insert one or more email addresses: one address for each row.	demo@li <u>bero.it</u> demo@kseniasecurity.com
Mail subject	Alert keepalive dal dispositivo "{1}"
Mail message	Un alert <u>keeaplive</u> è <sup>-</sup> stato generato dal dispositivo "{1}" (codice: {0}) il giorno {2}
	Send test message
Save Delete	Cancel

Last Keepalive / This indicates the date/hour on which the last Keepalive signal is received

**Keepalive Interval** / This indicates the maximum interval that has to intervene between a Keepalive signal and another. If more than this interval intervenes, a 'Missing Keepalive' signal is generated. This event is repetitively generated until a new Keepalive signal is received. To disable this check, leave the empty field.

Send mail when a Keepalive event is generated / this enables to send mails when the supervision fails

**Minimum interval between two alerts** / minimum time that has to lapse before a new KAE (KeepAliveEvent) is generated by vigilo.

**Recipient for the Keepalive alerts** / receivers of the alert mails about failed supervision from the selected device. Please insert only one receiver per row.

**Mail subject** / this text will be the mail 'Object'. It possible to use the following placeholder: {0} for device code, {1} for device description, {2} for date/hour of event

**Mail Message** / this text will be the 'body' of the mail. It possible to use the following placeholder: {0} for device code, {1} for device description, {2} for date/hour of event

By clicking on 'Send test message' is forced the sending of a mail that simulates a failed supervision.

			MONITOR
Monitor Archives -	Utility 👻	Help 👻	Logout

# By selecting this option, the following page is shown:

Ionitor	Archives -	Utility - Help - Log	out			
<b>```</b>					Force refre	esh X
Alert	Events	Мар				
	PE Code	PE Description	Event Type	Description	Date	
$\bigtriangledown$	999999	LaresNerico	CL	Closing report (Sensori volumetrici Utente)	06/06/2014 11:51:16	
$\bigcirc$	999999	LaresNerico	CL	Closing report (Sensori perimetrali Utente)	06/06/2014 11:51:13	
$\bigtriangledown$	280864	Glissicurezza	RP	Automatic test	06/06/2014 10:59:57	
<b>?</b>	88888	GeminoTomNew	BA	Burglary alarm (ZONA_4)	06/06/2014 10:51:40	
<b>?</b>	88888	GeminoTomNew	BA	Burglary alarm (ZONA_4)	06/06/2014 10:50:32	
<b>?</b>	88888	GeminoTomNew	BA	Burglary alarm (ZONA_4)	06/06/2014 10:48:40	
<b>?</b>	88888	GeminoTomNew	BA	Burglary alarm (ZONA_4)	06/06/2014 10:47:59	
<b>?</b>	88888	GeminoTomNew	BA	Burglary alarm (ZONA_4)	06/06/2014 10:46:52	
<b>?</b>	88888	GeminoTomNew	BA	Burglary alarm (ZONA_4)	06/06/2014 10:46:11	
<b>?</b>	88888	GeminoTomNew	BA	Burglary alarm (ZONA_4)	06/06/2014 10:44:36	
$\bigtriangledown$	88888	GeminoTomNew	BA	Burglary alarm (ZONA_4)	06/06/2014 10:44:26	
$\bigcirc$	00000	CominaTomNow	DA	Burdos/ slarm (ZONA_4)	06/06/2014 10:42:45	-

On this page, there are 3 tabs. Let's see in detail: Alert | Events | Map

#### ALERT

On Alert page, all the alerts generated by monitored Panels are reported. All the events that have the 'Alert' flag ON are reported in here (see events detail).

Alert	Events	Мар			
	PE Code	PE Description		Event Type	Description
$\bigcirc$	999999	LaresNerico		PA	Panic alarm (000
, <b>(</b>	54321	KseniaUfficio	Acquire Acquire	with notes	Panic alarm (000
			Event D Remove	etail e Alert on Event	
			Show o	n Map	

As shown over here, by right-clicking on a selected alert, it appears a window that shows the performable actions.

**Acquire/Acquire with notes** / This option moves the selected alert in the events page. Moreover, by 'Acquire with notes' it appears a window on which write acquiring notes.

**Event detail** / it appears a window on wich event details are reported. An example of this window is shown here below:

05.0141	arous (			[X]	
PECODE	PEDescr				Date
000000	LaresNer	PE Code	999999		
		PE Description	LaresNerico		
64321	KseniaUt	Event Type Code	EMR (Emergenza )		
		Event Type	PA		
		Description	Panic alarm (0009)		
		Event Detail	Function Code: New Event Data Type Code: PA, Address Number: 0009 (0009)		
		Receive Date	03/06/2014 15:51:57		
		Acquired By			
		Acquire Date			
		Acquire Note			
		Packet Type	SIA DC9 Details		

# MONITOR MENU

PE Code         PE Deco         Female Lines Lines         Date           959999         Date         00002014 15.51.51         Date           56         MA DOLO PACKEL Details         PE Code         999999         Date           56         MA DOLO PACKEL Details         PE Code         999999         Date           56         MA DOLO PACKEL Details         PE Code         999999         Date           57         Source Address         95.252.172.187         X         X           Source Port         2024         Received Data         Received Data <th></th> <th></th> <th></th>			
Page 2010         Date of the control of the cont	PE Code PE Descr		Date
Source Address         95 252.172.187           Source Port         2024           Received Data         (PL 13.51.56.06-03-2014           Peripheral type         LARES           Model         128/P           Communication channel         ETH		PE Code 999999	
Source Address         95/252.172.187           Source Port         2024           Received Data         8x280064*KS-PROT'0002R016471L010000#0710416[#0710416]NPA0009*0009*[]M0004A31664D5[]V] [P]_13.51:56.06-03:2014           Peripheral type         LARES           Model         128IP           Communication channel         ETH	SIA-DC09 Packet Details	PE Description LaresNerico	× 16.20.2
Source Port         2024           Received Data         8A280064*KS-PROT'0002R016471L010000#0710416(#0710416(NPA0009*0009*[[M0004A31664D5][V]]           Peripheral type         LARES           Model         128IP           Communication channel         ETH	Source Address	05 050 470 407	10.35.2
Received Data         8A280064*KS-PROT*0002R016471L010000#0710416[H0710416]NPA0009*0009*][M0004A31664D5][V]           Peripheral type         LARES           Model         128IP           Communication channel         ETH		95.252.172.167	
Peripheral type LARES Model 128IP Communication channel ETH	Source Port	2024	
Model 128IP Communication channel ETH	Source Port Received Data	30.52/12/12/17/ 2024 8A2B0064*KS-PROT°0002R016471L010000#0710416[#0710416]NPA0009*0005 [PL_13.51:55.06-03-2014	₽^][M0004A31664D5][V]
Communication channel ETH	Source Port Received Data Peripheral type	30.52/12/18/ 2024 8A2B0064*KS-PROT°0002R016471L010000#0710416[#0710416]NPA0009*0005 [PL_13:51:56.06-03-2014 LARES	P^[[M0004A31664D5][V]
	Source Port Received Data Peripheral type Model	30.532/12/187 2024 8A2B00647KS-PROT°0002R016471L010000#0710416[#0710416]NPA0009*0005 [PL_13:51:5:0.6-03-2014 LARES 128IP	9'\jM0004A31664D5][V]
	Source Port Received Data Peripheral type Model Communication channel Close	50.52/12/167 2024 A280064*KS-PROT0002R016471L010000#0710416[#0710416]NPA0009*0006 [P]_13.51.56.06-03-2014 LARES 128IP ETH	9°][M0004A31664D5][V]
Packet Type SIA-DC9 Details	Source Port Received Data Peripheral type Model Communication channel Close	90.52 / 12 / 87 2024 8x280064*KS-PROT0002R016471L010000#0710416(#0710416(NPA0009*0005 (PL_13.51.56.06-03-2014 LARES 128IP ETH Packet Type SIA-DC9 <u>Details</u>	9°][M0004A31664D5][V]

The following informations are available on this section:

Source Address / IP address from which arrives the data packet.

**Source Port** / UDP port from which the data packet is sent.

Received Data / packet launched from the source device.

Peripheral Type / that identifies the device that sent the signalisation. It could be:

- lares
- gemino

Model / device version. It could be: 16 / 16IP / 48 / 48IP / 128IP / in case of lares. expandable / 4 inputs / in case of gemino.

Communication channel / the channel used to send signalisations from the device. It could be:

lares 16 / 48	GPRS (using gemino BUS)
lares 16IP / 48IP / 128IP	GPRS / Ethernet
gemino exp. / gemino4	GPRS only

# MONITOR MENU

## EVENTS

On this page, all the events of all the Panels on system are reported. It is possible to filter events by:

# Device | Event | Time interval

and their combinations.

S Monitor							Force refresh
Alert Events	s Map						
Filter							
Device		Event			Start date	End date	
CasmarPa	nel	▲ ■ ▼ Emerger	ncy		Î	<u> 11</u>	
Demo 123	4	FA-F	ire alarm				
Extronic Pa	nal	FR-I	Fire restoral				
		GR-	Gas restoral				
GeminoOk	Isan	HA-I	Holdup				
GeminoTo	mNew	MA - 1	Medical alarm				
Giorgio		✓ MR -	Medical restore	-			
Apply Filter	Remove Filter Esp	ort PDF					
H 4 1	/20 <b>F</b>						[1-25/500]
PE Code	PE Description	Event Type	Description	Date		Acquired By	Acquire Date
999999	LaresNerico	CL	Closing report (Sensori volumetrici )	03/06/2014 1	9:30:35		
999999	LaresNerico	CL	Closing report (Sensori perimetrali )	03/06/2014 1	9:30:32		
280864	Glissicurezza	RP	Automatic test	03/06/2014 1	8:59:55	Eurodis Eurodis	03/06/2014 19:31:36
999999	LaresNerico	CL	Closing report (Sensori volumetrici	03/06/2014 1	6:51:55		

Once applied the filter, it is possible to create a .pdf file on which the results of filtering are reported. Considering a single event, it is possible to proceed as follow:

PE Code	PE Description	Event Type	Descriptio	on	Date		Acquired By	Acquire Date
999999	LaresNerico	CL	Closing re volumetric	eport (Sensori	03/0	6/2014 19:30:35		
999999	LaresNerico	CL	Clos	Set Alert on Even	nt (	6/2014 19:30:32		

so:

Event detail / It appears a window on which is reported the details of event, as the alerts.

Set alert on event / it allows to enable the 'Alert' flag on the selected event, both for the current Panel and for them all.

# MAP

On this page all alerts from all Panels on system are reported.

Adret     Events     Map       Sologneo     Baselan     Frenze       Prince     San Ma     Adress       Prince     San Ma     Adress       Arezzo     Frenze     San Ma       Arezzo     Arezzo     Insk consol       Cecina     Frenze     San Ma       Arezzo     Insk consol     San Ma       Bastia     Orosaeto     Insk consol       Orosaeto     Utadia     San Ma       Unicolo     Ascoli     Frenze       Orosaeto     Insk consol     Pecara       Orbeeleo     Vierebo     Carappbasso       Viriarecchiais Convert     Frenzion       Civitavecchiais Convert     Frenzion       Convertinic     Carappbasso       Poginic     Bastiati       Convertinic     Carappbasso       Poginic     Bastiati       Durreso     Shtodier       Tranis     Carappbasso       Poginic     Bastiati       Durreso     Shtodier       Durreso     Nappin	Ks Monitor	Force refresh X
Basta biolognao Perina Formi Rim San Mi Arezzo Pisa Arezzo Cecina Basta Obeenlo Cecina Basta Obeenlo Cecina Cec	Alert Events Map	
Altamura <sup>o</sup> Martina	Arer Events Map Solognao Ravena Forth-Pink Ksenia San Ma Lers: San Ma Lers: San Ma Lers: San Ma Lers: San Ma Lers: San Ma Lers: Listia Creater Crea	ficio t Obrolo 2014 16 39 26 Mase Sa gelori andia percento casetta a sentor Casetta a sentor a s

By clicking on markers on map, the following informations are available:

- 1. Panel description
- 2. Number of occurred events
- 3. Date/Hour of the last event
- 4. Link to the web server of the Panel

It is also possible to reach this page through the event page by clicking on 'Show on map' option



#### **CREATE AN IP RECEIVER**

In order to create a new receiver, browse toward the phonebook and create an 'IP receiver' contact.

ine .			
Receiver description	Receiver I	D number	Transport ID
vigilopro	ABCDEF		
IP address	Port	Protocol	Application ID
82.143.33.133	1,50	KS-PROT	▼ AFAFAFF
Communication attemp	ts		
3 💭 Max DUH n	esponces	3 🌩 Max NAK respon	ices 3 Max NO responces
Backup	Backup p	eriod (s) Max attempts	before switching
None •			

Receiver description / the description of receiver

Receiver ID number / this identifies the receiver (optional, not used by vigilo).

Transport ID / this identifies the Panel on Transport level (optional, not used by vigilo).

IP address / address of public server on which vigilo is installed.

Port / port on which the receiver is listening - fixed value: 1500 In this particular case it been done a portmapping on router on which vigilo is installed. All UDP traffic on 1500 external port of router is re-direct toward the 1500 internal port of IP address 192.168.x.x that has to be the sub-net address on which vigilo sw is installed.

Protocol / KS-PROT - Ksenia propretary protocol, applicative level, incapsulated in the SIA-DC09 trasport protocol

Application ID / this identifies the protocol incapsulated in the DC-SIA09

(this value is provided by the *vigilo* provider)

**Options** / Automatic Backup: this activates the backup of receiver. In order to interface it with **vigilo** receivers, please flag 'Use timestamp'

Proirity on backup receiver / the backup receiver is prioritary than the selected one

Proirity on GPRS / This enables priority on GPRS channel.

Use timestamp / This enables to send data and hour in milliseconds

Transmit over TCP / This enables TCP communication protocol towards the receiver

Communication attemps / Max DUH responces / number of attempts after DUH reply from receiver

Max NAK responces / number of attempts after NAK reply from receiver

Max NO responces / attempts after NO responces from receiver

BackUp / Backup receiver / description of backup receiver

Backup periond (s) / period during which the backup receiver is used

Max attemps before switching / communication attempts towards the main receiver before sending signals to the backup receiver

### LARES PROGRAMMATION FOR SENDING EVENTS

#### **EVENTS OVER IP**

C Enable events over IP	
Enable channel supervision	
Supervision interval	
10 🔿 seconds	1 Max. supervision fai
Ethernet Server port	Ethernet Client port
2,027 🗬	2,027 🗬
SPRS Server port	GPRS Client port
2,027	2,027
Comparison and an end of the second sec	
Supervised Teceiver	

Enable events over IP / This enables signalisations over IP (to flag)

Enable supervision / This enables the supervision toward the supervision receiver

Supervision interval / The interval between a supervision signalisation and another.

Max supervision fail / number of failed supervision after which the Panel generates the 'Failed Supervision' event

Ethernet server port / port used by the Panel to receive answers from receivers on Ethernet channel

Ethernet client port / port used by the Panel to send answers from receivers on Ethernet channel

These ports are set with the same value, to make it easier. In this specific case this value is 2027. In case these are different, it is necessary to make a portmapping on the LAN router on which **vigilo** is installed: all the UDP traffic arriving on the 2027 external port has to be re-direct toward the 2027 internal port of 192.168.x.x IP address that has to be the sub-net address of **lares** 

In the same way, using **gemino BUS** for sending signalisations, it is necessary to assign a value to the client/server GPRS ports that should be (*at least the server one*) the same as the Ethernet ports.

GPRS server port / this port is used by the Panel to receive answers from receiver on GPRS channel.

GPRS client port / this port is used by the Panel to send answers from receiver on GPRS channel.

Supervised receiver / This identifies the receiver toward which it sends supervision signalisations

### **INSERT A PANEL ON VIGILO DATABASE**

The main parameters are described here below:

- Application level ID / the configured ID previously used to create the IP receiver on  $\ensuremath{\textit{lares}}$  phonebook

- UDP port: port toward which **vigilo** sends send the answer to the received signalisation. This value has to be the same as the one configured on **'Ethernet server port'** (or, respectively, on 'GPRS server port')

# - EXAMPLE - CONFIGURATION TO SEND A TEST EVENT

How to insert a scenario on the virtual keyboard in order to test the sending of signalisation to vigilo

/irtual keypad Macro functions				
Кеу	Description	Enabled	No PIN	Arm request
Key 0	Disarm	<b>V</b>		Arm modes 1
Key 1	Arm away	<b>V</b>		Arm modes 2
Key 2	Arm stay	V		Arm modes 3
Key 3	Scenario 3			None
(ey 4	Scenario 4			None
(ey 5	Scenario 5		FT.	None
Key 6	Scenario 6			None
Key 7	TestSiaIpVigilo	✓	V.	None
Key 8	Scenario 8	(m)	(m)	None

1. Enables the key 7 (for example) on virtual keyboard without PIN and arming modes.

2. On scenarios page, add vigilo as recipient to the 'Key on virtual keyboard' event

Key 6 on keypad 21 [Virtual keypad] -	None	None	None	None None			None		Non
Key 7 on keypad 21 [Virtual keypad] -	None	None	None	None None			None		Non
Key 8 on keypad 21 [Virtual keypad] -	None	None	None	None None			None		Non
Key 9 on keypad 21 [Virtual keypad] -	None	None	None	S Destinatari			-	X	bn
± □ Readers			[	Destinations		10			1
E Communication				1- vigilopro	• 5	- None		•	
E Power				2- None	• 6	- None		•	
⊞ Temperatures				3- None	- 7	- None		•	
E Scheduler				4- None	- 8	- None		•	
E Remote controls						Inone			
⊞ Codes/Tags							ок 🛛 🗖	ancel	
The second secon									

Back to list				
Details Alert				
Code				
Description	LaresTomHo	me		
Application Level ID	AFAFAFF		0	
UDP Port	2027	0		
Latitude	42.817666			
Longitudo	13.709407			
Panel Link	http://lareston	n dyndns	info 8888	0
Usemame	admin123			
Password				
Last Keepalive	2012/12/21 17	35:00 (		
Keepalive Internal		minut	es 🥥	

4. At Panel restart, access to the web server, go to the scenarios section and run the 'TestSialpVigilo' scenario.



5. On 'Events' section the test result is shown



# VIGILO HARDWARE CONFIGURATION

- In order to reach the vigilo hardware is necessary to:
- 1. Externally associate the machine to a static IP address
- 2. Perform the following portmapping / port re-directing

Supposing that vigilo has 192.168.1.156 address:

Description VigiloWeb	Internal Address	Internal Port	External port	Protocol TCP
VigiloUdp	192.168.1.156	1500	1500	UDP
VigiloAssRem	192.168.1.156	22	2222	TCP

Obviously these configurations on router could be different depending on different devices

# PANEL CONFIGURATION

In order to obtain the answers from **vigilo** sw, the following portmapping / port re-directing are necessary on Panel:

Supposing that **vigilo** has 192.168.1.200 address and is expecting answers on 2027 port:

Description	Internal Address	Internal Port	External port	Protocol
LaresVigiloUdp	192.168.1.200	2027	2027	UDP

Obviously these configurations on router could be different depending on different devices

# **RESET NETWORK CONFIGURATIONS**

In order to reset the network configurations, please proceed as follow:

- 1. Turn OFF the PC
- 2. Connect the ergo keypad
- 3. Connect the monitor
- 4. Wait until the following screen appears, doing nothing: 'Press 's' to restore default network settings...'
- 5. A countdown will starts, displayed after the dots. Press 's' before it expires. Note: in case the countdown is expired, press Ctrl+C to restart it
- By pressing 's' it will appear the following message: 'Configuration restored, wait 60 seconds while system applies configuration'

# CERTIFICATIONS



The complete Declaration of Conformity for each Device can be found at: www.kseniasecurity.com

Installation of these systems must be carried out strictly in accordance with the instructions described in this manual, and in compliance with the local laws and bylaws in force. This device has been designed and made with the highest standards of quality and performance adopted by Ksenia Security. Is recommended that the installed system should be completely tested at least once a month. Test procedures depends on the system configuration. Ask to the installer for the procedures to be followed. Ksenia Security srl shall not be responsible for damage arising from improper installation or maintenance by unauthorized personnel. The content of this guide can change without prior notice from KSENIA SECURITY.

Information for users: Disposal (RAEE Directive)

Warning! Do not use an ordinary dustbin to dispose of this equipment.

Used electrical and electronic equipment must be treated separately, in accordance with the relative legislation which requires the proper treatment, recovery and recycling of used electrical and electronic equipment.

Following the implementation of directives in member states, private households within the EU may return their used electrical and electronic equipment to designated collection facilities free of charge\*. Local retailers may also accept used products free of charge if a similar product is purchased from them.

If used electrical or electronic equipment has batteries or accumulators, these must be disposed of separately according to local provisions.

Correct disposal of this product guarantees it undergoes the necessary treatment, recovery and recycling. This prevents any potential negative effects on both the environment and public health which may arise through the inappropriate handling of waste.

\* Please contact your local authority for further details.



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