



PRODUCT RELEASE NOTE

GSM Alarm and Control System ESIM364

Version No. v02.16.02

2018-03-19

Issued by: Evaldas Zaskevičius

New Functions

Functions changes

1. Device communication with cloud improved.
2. Internal system processes improved.

Bugs solved

Version No. v02.16.01

2017-08-09

Issued by: Aleksas Dilba

New Functions

Functions changes

1. GPRS error evasion added, CID message 354 disabled by default. \
2. Default test period increased from 180 to 300 seconds (5 minutes).

Bugs solved

1. Elan3-alarm restart issue resolved, before restarting device will try to close its all active sockets first.

Version No. v02.16.00

2017-06-12

Issued by: Marius Venclova

New Functions

1. Support added for wireless devices EWKB4, EWD3, EWP3.

Functions changes

Bugs solved

Version No. v02.15.07

2016-11-11

Issued by: Marius Venclova

New Functions

Functions changes

Bugs solved



1. Previous entry deletion from CID event log after sending GSM level info event to Monitoring station – fixed.
2. Sending data over ELAN3-ALARM to Monitoring station backup channel fails if first channel is unavailable – fixed.
3. SMS with Partial arming info sent only to telephone user who armed system, even when Arming/Disarming notification has 'Send to all users simultaneously' option enabled – fixed.
4. SMS 'Not armed PARTX. Reason: Zone:X' is not delivered arming system by zone, keyfob or ibutton if zone is violated during arming – fixed.
5. EKB3 backlight will not turn off after timeout after disarming system – fixed.
6. EPGM1 module 'Delay,ms' parameter malfunction – fixed.

Version No. v02.15.06

2016-10-07

Issued by: Marius Venclova

New Functions

1. Finnish SMS language added. New firmware version and changes apply to Finnish language firmware only.

Functions changes

Bugs solved

Version No. v02.15.05

2016-09-21

Issued by: Pavel Jakubovič

New Functions

Functions changes

Bugs solved

1. All wireless device loss in case of one wireless device signal loss. Fixed.
2. Communication restore problem after connection breakdown when using ELAN3-ALARM. Fixed.

Version No. v02.15.04

2016-08-08

Issued by: Pavel Jakubovič

New Functions

1. System will not arm and will send "Not armed" notification (sms or/and cloud) in case if one or more wireless devices are not responding for more than 20 minutes.

Functions changes

Bugs solved

1. Device does not return wireless device's zone index when sending "Low battery" notification. Fixed.
2. In case if two EPGM1 modules are connected one of the PGM's is shown as EWM1 on cloud. Fixed.
3. Device restarts in case if it's not configured and trying to accept call (Russian firmware). Fixed.



4. EWS3 LED blinks for 6 minutes after bell squawk sound. Fixed.
5. Wireless keyfobs will not connect to panel after 6 minutes of idling in case if the panel have been restarted. Fixed.
6. All wireless devices loss in case of one wiles device is out of signal coverage. Fixed.
7. No user index is added when arming with keyfob. Fixed.
8. Duplicated cloud events. Fixed.
9. No GSM connection failure in Cloud notifications, when data is transferred using ELAN3. Fixed.
10. No tamper alarm message on Cloud. Fixed.

Version No. v02.15.02

2016-06-17

Issued by: Pavel Jakubovič

New Functions

Functions changes

1. In case of event reporting to MS via voice calls failed after 2 attempts the system will reboot GSM modem and will continue attempts to communicate. It will reboot GSM modem after each 2 unsuccessful communication attempts.
2. GSM level info is removed from system events log.
3. Added internal counter for failed SMS and calls, after max count of fails, device switches to secondary SIM if SIM switching is in automatic mode.
4. SMS Limiting functionality. From now system will count each attempt to send SMS.

Bugs solved

1. Data message to MS "Communication to MS failed" wasn't enabled by default. Fixed.
2. PING data messages to EGR100 sent only with event messages. Fixed.
3. GSM modem restarts after some particular SMS commands. Fixed.
4. EWD2 external zone settings change to default after battery replacement. Fixed.
5. Unexpected SIM switching after applying SMS commands. Fixed.
6. Remote configuration problem while 6 digits password system is selected. Fixed.

Version No. v02.15.01

2016-06-03

Issued by: Pavel Jakubovič

New Functions

Functions changes

Bugs solved

1. Possible device restart after sending peridic info message. Fixed



Version No. V02.15.00

2016-05-30

Issued by: Marius Venclova

New Functions

1. 'MS Comm. Failed' status added to event log, app log, SMS notifications (optional), EKB2 screen.
2. New CID event 'MS Comm. Failure 354' added.
3. Parallel data transfer to Monitoring Station (MS) improved.
4. New fault code 'MS Comm. Failed' added to EKB3 which will be displayed on LED number 10.
5. SIA IP Protocol function changed. Global panel time can be synchronized with NAK data packet time stamp received from Monitoring Station (MS).
6. 'Retry after delay' feature added to each MS communication backup switch. 'Retry after delay' flagged as OFF by default, except IP data transfer which is always ON and is not configurable.

Functions changes

1. Default value of Retry count changed from 5 to 3 for Voice Calls, SMS, CSD, PSTN.
2. Default value of Delay after retry changed from 600 to 1200 seconds.
3. CID event 'GPRS Connection Failed' code changed from 354 to 360.
4. Default NST (test time) for Wireless Door Contact (EWD2) and Wireless Motion Sensor (EWP2) changed to 60 seconds.
5. EKB2 after disarming partition will stay in partition selection screen.
6. Forced GSM modem reset added when MS communication channels GPRS and/or Voice Calls fail.

Bugs solved

1. After selecting 6 digits code format with CT and trying to change installer code by EKB2, code was lost and panel reset to factory settings was required. Issue is resolved.
2. If SGS User Code3 chosen, this code would work for User Code2 only but not for User Code3. Wrong User Code Index solved.

Version No. V02.14.00

2016-03-04

Issued by: Robertas Charževskis

New Functions

1. New "Control/ Scheduler" settings added. System can be armed/disarmed according to the specific day or time.
2. MS settings changed – SMS limit added.

Functions changes

1. The procedure of the switchover between the SIM cards improved.
2. Some text notifications on EKB2 (Touch sensitive keypad) and text of some SMS changed.
3. The Event log of the systems improved with additional information.
4. Function "Alarm Count to Bypass" changed. If STAY attribute of the zone is enabled, "Alarm Count to Bypass" is disabled for this zone.

Bugs solved

1. The issue with indication of battery restore event on the ELDES CLOUD service solved.
2. The issue with "Disarm All" function solved. In cases, when "Delay" attribute on "Shared" zones was set, "Disarm All" function disarmed only first Partition.
3. The Safety of the system improved. The issue with reaching of the Installer menu, when system is armed, solved.
4. The algorithm of the sending of the faults from the system to the ELDES CLOUD Services improved.



5. The algorithm of EWM1 switching (Wireless power socket) improved.
6. The issue with representing of the name of the temperature sensor on the ELDES CLOUD service solved (for devices with Russian firmware only).
7. The issue with measurement of the temperature (PT1000 sensor) when PT1000 sensor is connected to EW2 (Wireless expansion module) solved.
8. The Response time to the trigger zone on EPGM1 (Hardwired zone & programmable output expansion) module decreased.

Version No. v02.13.01

2016-01-14

Issued by: Pavel Jakubovič

New Functions

1. Keypad blocking, it will be blocked for 5 minutes after 10 incorrect code entering attempts.
2. New trouble event, appears when system detects radio jamming.
3. System arming failure, while trying to arm the system, which does not get data packets from the wireless device after 20 min. (all except wireless keyfobs (EWK2 and EWK2A)). This feature can be changed in configuration.
4. New parameter in Event log, telephone number of user, who is configuring the device or initiated remote configuration session, is added. Also, the ability to send a message with user code to monitoring station was added.
5. EWD2 wireless magnetic door sensor's configuration additions, now it is possible to select EWD2 second zone as an external sensor, while first zone is set as an Magnetic door contact.
6. Monitoring station data sending improvement, parallel data sending to 3 MS servers (Using IP), through ELAN3 module.
7. New ContactID code is added, when Panic/Silent zone activated. CID code value is 120.
8. Call all function improved, if Call all is activated and call number count is greater than 1, device calls sequence is to Call all users in a row.

Functions changes

1. Settings of Periodic Test changed. From now on, it is possible to send periodic Test more often. The shortest period is 5min.
2. Output control modification. From now on, output's control can be done depending on system faults.
3. Wireless device battery level sms warning has changed.
4. Wireless CO sensor EWF1CO, from now on, in level4 case only, two messages are set: level4 CO level and zone alarm

Bugs solved

1. Bypass arming state is now shown on EKB2 keyboard, while arming within Cloud.
2. EWS2 siren LED blink trouble resolved when BellSquawk is enabled. Previously, it used to blink for 6 minutes after arming or disarming.
3. Starting from now, system will only show values of connected temperature sensor (EW2).
4. Issue with EWM1 wireless socket timing resolved.
5. From this moment, Instant/silent zone alarm/restore messages are sent only while the system is armed.
6. SMS sending procedure fixed.
7. Issue, related to system calls during alarm, is resolved. In some earlier cases, the system did not call.
8. Issue with remote configuration timeouts resolved.
9. From now on, EKB2 keyboard quits installer's menu after 1 minute of idling.



Version No. v02.12.03

2015-11-11

Issued by: Robertas Charževskis

New Functions

Functions changes

Bugs solved

1. The issue with Touch sensitive keypad (EKB2) solved. In some cases, when the virtual menu items (menu items, which appear in case of event) were used on Touch sensitive keypad (EKB2), system was rebooting.
2. The issue with data synchronization of ELDES Cloud Services and with reading of configuration via ELDES Configuration Tool due the enabled time synchronization over GSM solved.
3. The issue with FOTA (Firmware Over-The-Air) function solved.

Version No. v02.12.01

2015-08-21

Issued by: Robertas Charževskis

New Functions

1. Manufacturing test procedure improvements (not actual for users).

Functions changes

Bugs solved

Version No. v02.12.00

2015-07-10

Issued by: Robertas Charževskis

New Functions

1. SMS forward function added.
2. SIA IP Protocol Setting added - "Use Time Stamp". If check box is marked, system inserts time stamp into the notification.
3. Date/Time Settings added - Time zone.
4. Reliability of the system improved to prevent the infinite SMS text messages transmission. You can set day and month SMS limits (default settings day limit - 25, month - 400), when system will reach one of these limits it will block all outgoing SMS for 30 days (after system start or service activation) and inform Admins by SMS. Admins are able to activate SMS service by SMS xxxx removeban (xxxx - digital SMS password, removeban - command) otherwise SMS service will be activated automatically after 30 days.

Functions changes

- 1 Audio track function changed. In case of alarm systems is able to play up to three types of audio track:
 - 1.1 Introduction - audio file will be played when the system rings the preset phone number after system goes to alarm state. Max audio length up to 20 seconds.
 - 1.2 Audio track for alarm - will be played after Introduction track and when the system rings the preset phone number after a certain zone is violated. Max audio length up to 6 seconds.
 - 1.3 Audio track for Tamper - will be played after Introduction track and when the system rings the preset phone number after a certain Tamper is violated. Max audio length up to 6 seconds.

Bugs solved



1. Bug with faults of removed wireless devices solved. In some cases system kept showing faults of removed wireless devices.
2. The issue with alarm indication, on the Touch sensitive keypad EKB2, of the violated zones in partitions solved. In some cases, when user tried to arm system, which is divided in few partitions, system indicated violated zones of all partitions of the system.
3. The issue with disabled tamper alarm solved. In some cases system did not allow to arm partition with violated tampers while monitoring of tamper was disabled.

Version No. v02.11.03

2015-06-26

Issued by: Robertas Charževskis

New Functions

1. English language for Region 3 (India) added.

Functions changes

Bugs solved

Version No. v02.11.02

2015-06-05

Issued by: Robertas Charževskis

New Functions

1. Reliability of the system improved to prevent the infinite SMS text messages transmission because of wrong configuration of the system, when Synchronization via GSM Network is Enabled but system cannot send data via GPRS (ELDES Cloud Services enabled and/or APN not set and/or Data sending via GPRS is disabled by provider). ELDES Cloud Services are disabled by default.

Functions changes

Bugs solved

1. The issue with rebooting of the system with Russian version of the Firmware, when ELDES Cloud Services were enabled, solved.

Version No. v02.11.01

2015-06-01

Issued by: Robertas Charževskis

New Functions

1. Macedonian language added.
2. Hungarian language added.
3. Dutch language added.
4. Danish language added.

Functions changes

1. New attribute for PGM outputs added: enable, disable. If PGM output is enabled it will be displayed on ELDES Cloud Services and on Touch sensitive keypad EKB2.
2. Transmission of the temperature from integrated to wireless accessories temperature sensors to IP Receiver Software (EGR100) added.

Bugs solved



Version No. v02.11.00

2015-05-22

Issued by: Robertas Charževskis

New Functions

1. Integration of the wireless smoke and carbon monoxide (CO) detector (EWF1CO) to the system. Sensor occupies two wireless zones: Fire and CO;

a) New SMS notification added "CO Critical";

b) New data message added "CO Critical", message code 162;

2. Integration of the wireless power socket (EWM1).

a) EWM1 signal loss event added. In case signal loss event occurs and:

1. Monitoring Station settings are disabled, systems sends SMS notification and makes a call to the phone users;

2. Monitoring Station settings are enabled, system sends SMS notification to the phone users.

3. In both cases system doesn't send data message to the monitoring station.

b) New SMS command added:

1. ewm1info;

2. ewm1reset:name

3. ewm1reset:all.

3. System sends Restore event of mains power supply to the ELDES Cloud Services.

4. Functionality of configuration with Configuration Tool locally (USB) and remotely (GPRS) unified.

5. Now it is possible to control up to 4 partition with EWK2 and EWK1 keyfobs.

6. AutoBypass function added. System bypasses a zone if it is triggered for a specified amount of times. User is able to enable AutoBypass function for these zone types: Delay, Instant, Interior Follower, Instant Silent.

7. New state of the system added - "Partial ARM".

Systems goes to "Partial ARM" in case the system is arming by the Users and zone configured as Force is violated during arming;

Notification SMS message for the Users of system is "Partial ARM complete. Violated zones:ZoneX."

Data message code for "Partial ARM" event is 3456.

8. Transmission of the temperature from wired temperature sensors to IP Receiver Software (EGR100) added.

9. Control of wired PGMs from IP Receiver Software (EGR100) added.

10. Encryption settings of the EGR100 IP Protocol added.

11. User can choose Zone Connection Type for each wired zone individually. If ATZ mode is enabled user can choose Zone Connection Type for zone couples: Z1-Z7, Z2-Z8, Z3-Z9, Z4-Z10, Z5-Z11, Z6-Z12.

12. Service mode function changed. When Service mode is enabled system clears all stored but not sent notifications.

13. "Call All in Case of Alarm" function added. System calls to all marked Users. In case, if the system cannot reach User it will repeat calls (default setting - 3 additional attempts), it means system will make 4 calls to each User until it will reject or answer a call.

If in the User settings "Call in Case of Alarm" is disabled, this particular user will not get a phone call.

14. New User setting added - Arm/Disarm functions for each user split. You are able to enable rights only to Arm or only to Disarm the system for each user.

15. New zone type added - Report/Control. Violation of this zone does not cause alarm. Zone of this type is active in both states of the system: Arm and Disarm.

a) New SMS event notification added "Report/Control triggered";

b) New data message added "24 Hour Non-Burglary", data message code - 150;



16. New zone type added – Instant Silent, it works like Silent zone, but it works only when system is armed.
17. New SMS notification added - RFNode Restore.
18. Protection against "Wrong syntax" and "Wrong password" SMS text messages added to prevent the infinite SMS text message transmission loop between the system and the GSM operator. After receiving 5 invalid ("Wrong syntax"/"Wrong password") SMS text messages, the system will no longer reply to this message sent from any phone number. The system will unblock the acceptance of the "Wrong syntax"/"Wrong password" SMS text messages as soon as a valid SMS text message (e.g. XXXX INFO) is received or automatically after the 48-hour period expires.
19. Temperature sensors, which are integrated into the wireless accessories, could be used for temperature measurement of surrounding area.
20. Logic of temperature measurement logic changed. System is equipped with 8 slots for temperature sensors, each temperature sensor should be assigned to the slot manually.

Functions changes

1. Usability of Touch sensitive keypad EKB2 improved.

Bugs solved

1. The issue with data transmission to the Monitoring Station solved. In some cases device hasn't switched to the backup data transmission channel from SMS communication method.
2. The issue with updating Firmware via GPRS solved. In some cases users haven't got SMS notification after successful upgrading of the Firmware.

Version No. v02.10.09

2015-03-17

Issued by: Robertas Charževskis

New Functions

1. English language for Region 2 added (Australia).

Functions changes

Bugs solved

1. The issue with data transfer in SIA IP data format via Ethernet communicator ELAN3-ALARM solved.

Version No. v02.10.05

2014-11-17

Issued by: Vidmantas Gaulia

New Functions

1. EGR100 now supports the complete selection of all ESIM364 partitions for arming/disarming (1/2/3/4).

Functions changes

1. When parallel data transmission is enabled, the data transmission the system will deliver the data packet to Server 1, Server 2, Server 3 one-by-one. In case of data delivery failure, the system will repeat the data transmission cycle starting with Server 1.
2. When parallel data transmission is disabled, the successfully delivered event will be marked as SENT in all 3 servers.

Bugs solved

1. EWK2/EWK2A keyfob used to emit 1 long beep when arming the system successfully. It now emits 3 short beeps.
2. It used to repeat the same event delivery to the next backup connection if parallel data transmission is disabled (applies to GPRS network communication only)



3. The system now transmits ping signal when Kronos data format is selected.
4. "GsmLevel" signal is no longer transmitted to Kronos and SIA IP-based monitoring station software.

Version No. v02.10.04

2014-10-31

Issued by: Vidmantas Gaulia

New Functions

Functions changes

Bugs solved

1. After ELDES Cloud Services parameter configuration, the system now kills the communication link between the system and ELDES Cloud Services server and re-connects according to the new parameters afterwards.
2. ELDES Cloud Services used not to be saved (changed) if configured by SMS text message.
3. Zone index transmission to ELDES Cloud Services server fixed - the system used to transmit only the first 30 zones correctly.
4. The system used not to switch to the backup connection if ELAN3-ALARM is selected as primary connection.
5. SIA IP ping fixed.
6. SIA IP encryption fixed.
7. Account ID delivery to the monitoring station fixed.

Version No. v02.10.03

2014-10-15

Issued by: Vidmantas Gaulia

New Functions

1. Spanish language (EKB2 and SMS) for Latin America countries including ISM915 wireless band support (order code 74) added.
2. EWK2A is now supported with PA/Silent type zone by default.

Functions changes

Bugs solved

1. Zone status configuration via EKB2 fixed.

Version No. v02.10.02

2014-10-09

Issued by: Vidmantas Gaulia

New Functions

1. Protection against "Wrong syntax" and "Wrong password" SMS text messages added to prevent the infinite SMS text message transmission loop between the system and the GSM operator. After receiving 5 invalid ("Wrong syntax"/"Wrong password") SMS text messages, the system will no longer reply to this message sent from any phone number. The system will unblock the acceptance of the "Wrong syntax"/"Wrong password" SMS text messages as soon as a valid SMS text message (e.g. XXXX INFO) is received or automatically after the 48-hour period expires.

Functions changes

Bugs solved



Version No. v02.10.01

2014-10-07

Issued by: Saulius Mikutavičius

New Functions

1. Wireless signal restore SMS notification added.

Functions changes

1. Version indexed "58" contains custom GPRS settings (APN, user name, password).

Bugs solved

Version No. v02.10.00

2014-10-02

Issued by: Saulius Mikutavičius

New Functions

1. Parallel data transmission to up to 3 server IP adresses via GPRS network added.
2. Each server IP address can now have individual Account and Unit ID.
3. Server IP2/3 configuration by EKB2 keypad added.
4. Extra configuration commands for server IP 2/3 by EKB3 keypad added.
5. Tamper status management (enable/disable) for zones added.
6. ELDES Cloud Services now operates with Automatic and Manual Dual-SIM modes.
7. Cross-Zone/Intelli-Zone feature added.

Functions changes

1. Regardless of arm/disarm SMS notification status (enabled/disabled), the system will always reply with arm/disarm SMS confirmation when arming/disarming the system by SMS text message.
2. In version indexed "58" fire alarm will be muted faster using EKB2 keypad.

Bugs solved

Version No. v02.08.06

2014-09-19

Issued by: Saulius Mikutavičius

New Functions

Functions changes

Bugs solved

1. The system used not to reply with ELDES Cloud Services ID code to the "XXXX SMART ID" SMS text message.



Version No. v02.08.05

2014-09-19

Issued by: Saulius Mikutavičius

New Functions

Functions changes

Bugs solved

1. The system used to restart by itself after arming via ELDES Cloud Services while a violated zone exists.

Version No. v02.08.04

2014-09-19

Issued by: Saulius Mikutavičius

New Functions

Functions changes

Bugs solved

1. PSTN delay extended (for Greek customer)

Version No. v02.08.02

2014-07-04

Issued by: Saulius Mikutavičius

New Functions

1. Brazilian version added.

Functions changes

Bugs solved

Version No. v02.08.00

2014-06-30

Issued by: Saulius Mikutavičius

New Functions

1. ELDES Cloud Services V2 support added.
2. EWP2 support added.
3. Wireless signal loss timeout can now be managed using ELDES Configuration Tool software.
4. ELDES Cloud Services ID can now also be obtained when connected to the device remotely using ELDES Configuration Tool software.
5. Latvian language added (SMS, EKB2).
6. Italian language added (SMS, EKB2).

Functions changes

1. Output management moved from installer to master menu on EKB2 keypad.

Bugs solved



1. If several EKB3 keypads assigned to different partitions exist in the system, in the event of alarm only EKB3 keypad (-s) assigned to an alarmed partition will beep.
2. If several EKB3 keypads assigned to different partitions exist in the system, all keypads regardless of the assigned partition will beep in the event of simultaneous partition arming using the [0] key.
3. "Bell" (Chime) function now operates correctly when enabled for EKB3W keypad.

Version No. v02.07.11

2014-05-19

Issued by: Saulius Mikutavičius

New Functions

1. EWR2 support added.
2. EW2 support added.
3. Supports old PSTN module (for Greek customers).

Functions changes

1. Translation correction (SMS: Norwegian, German, Icelandic (English), Finnish (Elotec)).
2. Translation correction (EKB2: Norwegian, German, Finnish (Elotec)).
3. Startup SMS notification status can now managed.
4. If a Fire/PA Silent/24-Hour/Instant-type zone is violated while the exit delay countdown is in progress, the event will be queued up in the memory followed by siren activation once the exit delay countdown has completed and the system has switched to ARMED state.
5. If a Fire/PA Silent/24-Hour-type zone is violated while the exit delay countdown is in progress, the event will be queued up in the memory followed by data message delivery to the monitoring station once the exit delay countdown has completed and the system has switched to ARMED state.
6. Events can now result in automatic PGM output control. This feature is managed under "Control / Scheduler" tab using ELDES Configuration Tool software.
7. PSTN - the delay period for the system to consider the phone as "picked up" is now 8.5 seconds (PSTN).
8. PSTN module detection with 1.79 voltage.

Bugs solved

1. In case EWF1 smoke detector is not responding in the event of alarm, the system will consider such EWF1 unit as faulty and will no longer attempt to exchange data with it.
2. When multiple EWF1 smoke detectors exist in the system and if the system comes across with an irresponsive EWF1 unit when contacting all EWF1 units one by one, the system will skip such unit and attempt to contact it again after contacting the rest of responsive EWF1 units.

Version No. v02.07.06

2014-03-14

Issued by: Vidmantas Gaulia

New Functions

1. Master code added. This code is the 1st code in the user code (keypad code) list.
2. Alarm log after last arming period added. This log indicates last 16 alarms via EKB2 keypad.
3. ARM ALL, DISARM ALL menu items for EKB2 added. Those allow to simultaneously arm/disarm the partitions assigned to the user code.
4. Service mode added. Once enabled, this mode will disable all alarm notifications to user phone number and monitoring station.



5. ELAN3-ALARM support added.
6. "Bell Squawk enabled if arming in Stay mode" parameter added.
7. SIA IP protocol support for communication with monitoring station added.
8. Automatic date/time synchronization added.
9. Event log (exported using ELDES Config Tool) now includes a message "CONFIG UPDATED [USB]" when the settings are being written using ELDES Config Tool.

Functions changes

1. Up to 4 on-board zones can be set for Arm-Disarm by zone.
2. "Admin password" renamed to "Installer code" and configuration rights changed.
3. "User password" renamed to "User code" and configuration rights changed.
4. Added flexible management of all SMS notifications for each user phone number individually.
5. By enabling "Prompt additionally for Master Code when configuring via keypad/software" EN50131- 1 Grade 3 parameter EKB2 now prompts for master code to access the OK-menu and then installer code to access CONFIGURATION menu. Otherwise, OKmenu is inaccessible by providing only the installer code in the first step.
6. All partitions are now included in the home screen of EKB2 and notification texts replaced with icons.
7. Exit delay countdown is now indicated in home screen view next to the partition that is being armed.
8. All partitions can be fully controlled and configured using one EKB2 keypad w/o the necessity to switch between the keypad partitions.
9. The command to activate Configuration mode by EKB3/EKB3W keypad is now [INST]installer-code# (e. g. [INST]1470#).
10. EKB3/EKB3W key [*] now only clears the buffer of typed in characters.
11. EKB3 of new hardware (v0.5 and up) can operate either in 2-partition mode or in 4-partition mode (configurable via ELDES Config Tool). EKB3 of old hardware (up to v0.4) operates in 2-partition mode; 4-partition mode is disabled for this model.
12. "Keypad partition switch" (when enabled) command for EKB3 of old hardware (up to v0.4) that operates in 2-partition mode only or when 2-partition mode is selected for EKB3 of new hardware (v0.5 and up) is by holding the [1] or [2] key corresponding the partition number.
13. Regardless of the selected partition mode, EKB3 buzzer now beeps only if the keypad is operating in the same partition where entry/exit delay is in progress at that moment.
14. Despite of the selected keypad partition mode (2-partition or 4-partition), EKB3W operates always in 2-partition mode and the command to select the keypad partition is by holding for 5-7 seconds the [1] or [2] key corresponding the partition number.
15. Once a new iButton key is added to the system, a new dialog will automatically pop-up in ELDES Config Tool to confirm this procedure and manual clicking the "Read settings" button is not required anymore.
16. Reading and wiring the settings using ELDES Config Tool is now blocked while any partition is armed.
17. "Chime" is now indicated only by three short beeps emitted by EKB2 keypad buzzer.

Bugs solved

Version No. v02.06.18

2014-01-28

Issued by: Saulius Mikutavičius

New Functions

Functions changes

Bugs solved



1. Bug fixed - siren used to be silenced only while the alarm is in progress , V02.06.15 and V02.06.16 included a bug allowing to silent the siren only if the system is being disarmed while the alarm is in progress. If the system has been disarmed after the alarm duration, the siren would still sound and in order to silent the siren, the user used to have to cause the alarm again in any zone/tamper and disarm the system afterwards.

Version No. v02.06.16

2014-01-28

Issued by: Saulius Mikutavičius

New Functions

1. "Low Battery" is now indicated as system fault on the keypad. It used to be delivered only by SMS to user and by data message to monitoring station

Functions changes

1. EKB2 now indicates FIRE ALARM in case of Fire-type zone violated. It used to indicate BURGLARY ALARM in this case.

Bugs solved

1. EKB3/EKB3W - indicator SYSTEM now flashes in case of zone numbered above Z12 violation.

2. In case of mains power supply loss, EKB2 now indicates AC LOSS as system fault.

Version No. v02.06.15

2014-01-28

Issued by: Saulius Mikutavičius

New Functions

Functions changes

1. All EWF1 inteconnection will be terminated after entering a user code even if EWF1 hasn't started to signalize yet.

Bugs solved

1. EKB3P bug fixed - the keypad used to block itself when the * key for partition switch + partition number key is pressed simultaneously.

Version No. v02.06.10

2014-01-28

Issued by: Saulius Mikutavičius

New Functions

Functions changes

Bugs solved

1. Fixed ITEMP? request that used to cause system restart using Czech firmware.



Version No. v02.06.09

2014-01-28

Issued by: Saulius Mikutavičius

New Functions

1. EWD2 support added.
2. EWS3 support added.
3. Added wireless signal restoration if all wireless devices lose signal simultaneously.

Functions changes

1. New wireless operation stack added based on the latest manufacturer's updates. Improves wireless system reliability.

Bugs solved

1. Fixed violated zone indication of the system is being armed from home partition.
2. Added wireless signal protection against the random wireless device loss.
3. Bug fixed - the system used to reply "Wrong syntax" additionally after sending ITEMP? SMS.
4. EKB2 now directs to VIOLATED TAMPERS menu correctly if violated tamper exist and no violated zone exist before arming the system using EKB2.

Version No. v02.06.02

2013-06-14

Issued by: Saulius Mikutavičius

New Functions

1. Spanish SMS language added.

Functions changes

1. Default Smart Security server address changed to ss.eldes.lt.
2. There is no need to restart the system anymore after changing the Smart Security address via remote configuration (GPRS).
3. Portuguese SMS texts supplemented.

Bugs solved

Version No. v02.06.12

2013-06-12

Issued by: Saulius Mikutavičius

New Functions

1. Added additional protection against unknown configuration SMS from the GSM provider that might have caused unexpected system restarts.

Functions changes

1. EWD2 test period has been changed from 60 sec. to 30 sec.
2. Wireless signal loss report to user and/or monitoring station has been changed from 20 min. to 60 min. (Grade 3 requirement).

Bugs solved

1. ITEMP? SMS request has been fixed based on text length difference comparing to English firmware. It used to cause system restarts in Slovak firmware, other non-English firmwares might have had this problem as well.
2. Bug fixed - it used to corrupt RS485 communication when adding EKB3W keypad to 4th wireless device position or higher.



Version No. v02.06.01

2013-06-03

Issued by: Saulius Mikutavičius

New Functions

1. Added configurable admin, user, SMS password length - 4-digit (default) or 6-digit.
2. Possibility to block system arming while any system fault exists.
3. Real-time diagnostics added.
4. Audio files support added.

Functions changes

1. Added protection against incorrect password entry while logging in to Config Tool. The Config Tool will temporarily block after 10 unsuccessful attempts.
2. EKB2 - the keypad now beeps and displays "ARMED" message when arming the system using partition selection menu.
3. Default Smart Security address config.eldes.lt replaced with ss.eldes.lt.
4. The monitoring station IP address will now be instantly updated and the

Bugs solved

1. When adding EWKx by SMS, the system used to reply with incorrect position number.
2. Default wireless channel for Russian market changed from 3 to 2.
3. Smart Security now correctly transmits the alert regarding a violated zone with a number higher than 63.
4. Wireless device initialisation sequence has been changed, so that it does not block system if wireless PGM outputs already exist in the system.

Version No. v02.04.12

2013-03-29

Issued by: Saulius Mikutavičius

New Functions

Functions changes

1. Added protection - if the system starts up with CID event log containing some events, the situation may occur that the writing position is lower than the reading position and at least one position is left empty.

Bugs solved

1. Does not reply to STCONFIG SMS text message in RU Cyrillic firmware. Additional repeating to send this SMS reply added.

Version No. v02.04.11

2013-03-27

Issued by: Saulius Mikutavičius

New Functions

1. Romanian language added.

Functions changes



1. EKB3 command 62 now not only resets system parameters to default, but also restarts the system.
2. Info SMS now contains the bypassed zone indication.

Bugs solved

1. Fixed EKB2 "freezing" if the date and time is attempted to be set up via FAULTS section..
2. Fixed system restart when arming the system while violated tampers exist.
3. Fixed user password partition switching to default partition after deleting the user password by EKB3.
4. Fixed EKB3 command 48 that did not allow to set up all the Backup connections.

Version No. v02.04.10

2013-01-31

Issued by: Saulius Mikutavičius

New Functions

Functions changes

Bugs solved

1. The alarm used not to start, if a zone is triggered and not restored during EXIT DELAY period.

Version No. v02.04.09

2013-01-29

Issued by: Saulius Mikutavičius

New Functions

Functions changes

1. Modified EKB2 Slovak texts.
2. Modified RU cyrillic SMS texts.
3. CSD communication method adapted to the new RITM protocol.
4. SmartSecurity - added violated tamper alerts.

Bugs solved

1. SmartSecurity - the zone status used to be provided with a big delay after changing system status from disarmed to armed.

Version No. v02.04.07

2013-01-22

Issued by: Saulius Mikutavičius

New Functions

1. "smart ID" SMS command added.

Functions changes

Bugs solved

1. Time synchronization via Smart Security server. Synchronized time from server even if the time was set using other methods: EKB2; EKB3 or Configuration Tool.



2. When sending SmartSecurity zone names, zone field was empty, resulting in unstable work of the SmartSecurity server.

Version No. v02.04.05

2013-01-14

Issued by: Saulius Mikutavičius

New Functions

1. Default Lithuanian version created.
2. Default Portuguese version created.

Functions changes

1. Modified Slovak language EKB2 texts according to client comments.
2. Modified English language EKB2 texts according to client comments.
3. Modified Russian language EKB2 texts according to client comments.
4. Improved speed of CSD transmission to the monitoring station.

Bugs solved

1. Corrected an error in Russian Cyrillic version. MIC SMS command was not functional, was unable to make calls.

Version No. v02.04.04

2013-01-07

Issued by: Saulius Mikutavičius

New Functions

1. Added Russian Cyrillic.

Functions changes

1. When a zone is triggered EKB2 will show the name of the zone in the main window, instead of the zone number.
2. Correct texts are now displayed in EKB2 when GSM connection fails and when GSM connection failure detection is toggled on or off.

Bugs solved

1. Battery disconnection/connection status was not displayed. Now it is checked every 1 minute.

Version No. v02.04.02

2012-12-19

Issued by: Saulius Mikutavičius

New Functions

Functions changes

Bugs solved

1. Fixed bug that used to prevent from freeing up the internal memory if all attempts to transmit data via PSTN are unsuccessful. This was a critical bug, because the amount of free memory would get lower by 24 bytes after each unsuccessful attempt, leading to full memory followed by system restart.



Version No. v02.04.01

2012-12-19

Issued by: Saulius Mikutavičius

New Functions

1. "Shared" feature for zones added.
2. Event log view using EKB2 feature added.
3. EWF1 (wireless smoke detector) support added.
4. Italian firmware version added.

Functions changes

1. When in arm/disarm screen view of EKB2 and controlling more than 1 partition at once, after arming the partition, the keypad stays in the same screen view and does not switch to home screen view. The only way to return to home screen view is to touch the <- key.

Bugs solved

1. Fixed GSM connection loss indication by PGM output.
2. Activated update process of wireless device parameters after being changed using Configuration Tool

Version No. v02.03.03

2012-12-11

Issued by: Saulius Mikutavičius

New Functions

1. Implemented an undocumented RESET SMS command for resetting the device.

Functions changes

1. Improved CID transmission quality while working with monitoring station via EPSTN1 module.
2. Increased the dynamic memory size for improved stability while working with Smart Security.

Bugs solved

1. Fixed a possible "lock" while upgrading firmware using FOTA.

Version No. v02.03.02

2012-12-07

Issued by: Saulius Mikutavičius

New Functions

Functions changes

1. Changed the ADC measuring method. Now the system is more resistant to electromagnetic interference.

Bugs solved

1. Solved a critical problem for ESIM364 while working with EKB3W keypad. When the system is working with EKB3W, the EKB3W uses up all the internal processor resources, in result unpredictable non-stable system performance may occur



Version No. v02.03.00

2012-12-03

Issued by: Saulius Mikutavičius

New Functions

1. SmartSecurity module activated.

Functions changes

1. EKB2 and EKB3 partitions renew in real-time when making changes via ELDES Configuration Tool.

Bugs solved

1. Fixed a bug, when the system blocks itself, while starting with Delay type Zone active and the Bell function on EKB3 keypad is enabled.

Version No. v02.02.19

2012-11-28

Issued by: Saulius Mikutavičius

New Functions

1. Dual SIM support.
2. CSD communication method is now supported.
3. Monitoring station phone number entries for CSD method extended to 5.
4. Icelandic SMS language added.

Functions changes

1. EKB2 menu texts changed from Canadian English to British English.

Bugs solved

1. PGM output control by event - Additional Options section activated for "Sheduler Starts" and "Sheduler Ends" events.
2. Data manager used to block itself when using different communication methods with monitoring station.
3. Siren status monitoring now functions properly.

Version No. v02.01.18

2012-11-06

Issued by: Saulius Mikutavičius

New Functions

Functions changes

Bugs solved

1. Fixed weekday settings. Previously the functions of Control/Scheduler group were not functional when applying time with restrictions for weekdays.



Version No. v02.01.17

2012-11-02

Issued by: Saulius Mikutavičius

New Functions

1. Implemented the ability to add SCN number using EKB2 and EKB3.

Functions changes

1. Added the ability to use two zeros in EKB2 and EKB3 for international mobile phone number format.

Bugs solved

1. Fixed the issues with SMS sending using specific number formats. All number formats and mobile service provider networks are now supported

Version No. v02.01.12

2012-10-10

Issued by: Saulius Mikutavičius

New Functions

Functions changes

1. Improved CID transmission via Voice Calls and PSTN when bad signal is present.
2. Protection that blocks keypad partition switch in a non-partitioned system (when only 1 partition is present) added.

Bugs solved

1. Data transmission via PSTN - the device used to restart in case of failed transmission attempt.
2. "Low battery" SMS reports added for EKB3W and EWK1 wireless devices.
3. EKB3 - LED indicator ARMED used to be OFF after full system shutdown and power up while the system is in armed state.
4. Zone names of EW1 and EWD1 wireless devices added to "Low battery" SMS report.

Version No. v02.02.00B

2012-09-21

Issued by: Saulius Mikutavičius

New Functions

1. Default English firmware released.

Functions changes

Bugs solved