**GIRA Devices Release Notes**

DOCUMENT HISTORY

|  |  |  |
| --- | --- | --- |
| **Document History** | | |
| **Date** | **Name** | **Version** |
| 25/9/2016 | Oded Garah | Migration from ReleaseNotes.txt |
| 28/9/2016 | Oded Garah | Release from 28/09/2016 |
| 5/10/2016 | Oded Garah | Moved GPA-C back to tests folder |
| 9/11/2016 | Oded Garah | Release Date: 08/11/2016 (Revision 46244) |
| 9/11/2016 | Oded Garah | Added touch panel SW (Revision 46250) |
| 8/12/2016 | Oded Granit | Updated: MCU, KP, RFM, GPA-C (Revision 46469) |
| 16/1/2017 | Oded Granit | Updated: MCU, KP, RFM, GPA-C (Revision 4641) |
| 07/02/2017 | Oded Granit | Updated: MCU, KP, RFM, GPA-C, Sirens, PIR Cam (Revision 46789) |
| 27/02/2017 | Oded Granit | Updated: MCU, KP, RFM, GPA-C, Repeater (Revision 46894) |
| 30/04/2017 | Oded Granit | Updated: MCU, KP, RFM, GPA-C, Repeater (Revision 47335) |
| 22/05/2017 | Oded Granit | Loop 3 Sprint 1: updated MCU, KP, GPA-C, PIR, Sirens (Revision 47572) |
| 13/06/2017 | Oded Granit | Loop 3 Sprint 2: MCU, KP, GPA-C, Sirens, DoorModule (Revision 47727) |
| 22/06/2017 | Oded Granit | Intermediate Release: MCU + KP (Revision 47850) |
| 03/06/2017 | Eli Yehezkel | Loop 3 Sprint 3: MCU, KP, GPA-C, PIR , CAM PIR (Revision 47957) |
| 17/06/2017 | Eli Yehezkel | Loop 4 Sprint 1: MCU, KP, Magnet, I/O Device ,GPA-C,  OD Siren , Indoor Siren ,CAM PIR  (Revision 48106) |
| 14/08/2017 | Oded Granit | Loop 4 Sprint 2: MCU, KP, Magnet ,GPA-C, RPT, RFM, GBD  (Revision 48272) |
| 11/09/2017 | Eli Yehezkel | Loop 4 Sprint 3: MCU, KP, RPT, RFM, KP touch ,PIR ,  OD Siren ,IN Siren  (Revision 48494) |
| 26/09/2017 | Eli Yehezkel | Loop 4 Sprint 4: MCU, KP, IN Siren, voice file, I/O Device  (Revision 48607) |
| 24/10/2017 | Oded Granit | Loop 4 Sprint 5 (intermediate delivery): MCU, KP  (Revision 48807) |
| 07/11/2017 | Eli Yehezkel | Loop 4 Sprint 5 (Official delivery): MCU, KP ,GPA-C  (Revision 48907) |
| 21/11/2017 | Eli Yehezkel | Loop 5 Sprint 1 (intermediate delivery): MCU, KP, Touch GPA-C ,IPM App (Revision 49072) |
| 27/11/2017 | Eli Yehezkel | Loop 5 Sprint 1 (Official delivery): MCU, KP,RF Module (Revision 49140) |
| 03/12/2017 | Eli Yehezkel | Loop 5 Sprint 2 (intermediate delivery): MAG, Outdoor siren ,Indoor siren, RF Module (Revision 49248) |
| 09/01/2018 | Eli Yehezkel | Loop 5 Sprint 2 :MCU, IPM App ,KPD, RF Module (Revision 49525) |
| 23/01/2018 | Eli Yehezkel | Loop 5 Sprint 3 :MCU, IPM App ,KPD, RF Module ,Siren INT ,Siren EXT(Revision 49627) |
| 25/02/2018 | Eli Yehezkel | Bug fixing-sprint 2 :MCU, IPM App ,KPD, Siren EXT (Revision 49881) |
| 27/02/2018 | Eli Yehezkel | Bug fixing-sprint 3 (intermediate delivery) :MCU, IPM App (Revision 49892) |
| 13/03/2018 | Eli Yehezkel | Bug fixing-sprint 3 :MCU, KPD ,IPM ,RF Module (Revision 50026) |
| 20/03/2018 | Eli Yehezkel | Alarm system 2 -first market release -sprint 3 :MCU, KPD ,IPM (Revision 50094) |
| 17/04/2018 | Eli Yehezkel | Alarm system 2 -first market release (Bug fixing)-sprint 3 :MCU, KPD ,IPM (Revision 50253) |
| 06/05/2018 | Eli Yehezkel | Alarm system 2 - first market release (Bug fixing 2)-sprint 3:MCU, IPM (Revision 50364) |
| 07/06/2018 | Eli Yehezkel | Alarm system 2 - first market release (Bug fixing 3)-sprint 3:MCU, IPM ,MCU Update FW,KPD (Revision 50666) |
| 09/08/2018 | Eli Yehezkel | Alarm system 2 - first market release (Bug fixing 4)-sprint 4:MCU, IPM , ,KPD (Revision 51224) |
| 04/09/2018 | Eli Yehezkel | Alarm system 2 - first market release (Bug fixing 5)-sprint 4:MCU, IPM , ,KPD, Siren indoor, I/O device ,RPT, RF Module (Revision 51438) |

Contents

[Crow IP Module Package 6](#_Toc523816786)

[IPMApplication 6](#_Toc523816787)

[CrowLibrary 6](#_Toc523816788)

[UpdateFirmware 6](#_Toc523816789)

[Releases 7](#_Toc523816790)

[Release Date: 04/09/2018 (Revision 51438) 7](#_Toc523816791)

[Release Date: 09/08/2018 (Revision 51224) 9](#_Toc523816792)

[Release Date: 07/06/2018 (Revision 50666) 11](#_Toc523816793)

[Release Date: 06/05/2018 (Revision 50364) 13](#_Toc523816794)

[Release Date: 17/04/2018 (Revision 50253) 14](#_Toc523816795)

[Release Date: 20/03/2018 (Revision 50094) 16](#_Toc523816796)

[Release Date: 13/03/2018 (Revision 50026) 17](#_Toc523816797)

[Release Date: 27/02/2018 (Revision 49892) 19](#_Toc523816798)

[Release Date: 25/02/2018 (Revision 49881) 20](#_Toc523816799)

[Release Date: 23/01/2018 (Revision 49627) 21](#_Toc523816800)

[Release Date: 09/01/2018 (Revision 49525) 24](#_Toc523816801)

[Release Date: 03/12/2017 (Revision 49248) 25](#_Toc523816802)

[Release Date: 27/11/2017 (Revision 49140) 27](#_Toc523816803)

[Release Date: 21/11/2017 (Revision 49072) 28](#_Toc523816804)

[Release Date: 07/11/2017 (Revision 48907) 31](#_Toc523816805)

[Release Date: 24/10/2017 (Revision 48807) 32](#_Toc523816806)

[Release Date: 26/09/2017 (Revision 48607) 33](#_Toc523816807)

[Release Date: 11/09/2017 (Revision 48494) 35](#_Toc523816808)

[Release Date: 14/08/2017 (Revision 48272) 37](#_Toc523816809)

[Release Date: 17/07/2017 (Revision 48106) 40](#_Toc523816810)

[Release Date: 03/07/2017 (Revision 47957) 42](#_Toc523816811)

[Release Date: 22/06/2017 (Revision 47850) 44](#_Toc523816812)

[Release Date: 12/06/2017 (Revision 47727) 45](#_Toc523816813)

[Release Date: 22/05/2017 (Revision 47572) 47](#_Toc523816814)

[Release Date: 30/04/2017 (Revision 47335) 49](#_Toc523816815)

[Release Date: 27/02/2017 (Revision 46894) 51](#_Toc523816816)

[Release Date: 07/02/2017 (Revision 46789) 53](#_Toc523816817)

[Release Date: 16/1/2017 (Revision 46641) 55](#_Toc523816818)

[Release Date: 08/12/2016 (Revision 46469) 57](#_Toc523816819)

[Release Date: 08/11/2016 (Revision 46245 + 46250) 60](#_Toc523816820)

[Release Date: 28/09/2016 (Revision 45878) 62](#_Toc523816821)

[Release Date: 01/09/2016 64](#_Toc523816822)

[Release Date: 30/08/2016 64](#_Toc523816823)

[Release Date: 1/08/2016 67](#_Toc523816824)

[Release Date: 21/07/2016 68](#_Toc523816825)

[Release Date: 20/07/2016 69](#_Toc523816826)

[Release Date: 7/7/2016 70](#_Toc523816827)

[Release Date: 30/6/2016 71](#_Toc523816828)

[Release Date: 19/6/2016 73](#_Toc523816829)

[Release Date: 16/6/2016 75](#_Toc523816830)

[Release Date: 9/6/2016 76](#_Toc523816831)

[Release Date: 2/6/2016 77](#_Toc523816832)

[Release Date: 26/5/2016 78](#_Toc523816833)

[Release Date: 19/5/2016 80](#_Toc523816834)

[Release Date: 8/5/2016 81](#_Toc523816835)

[Release Date: 5/5/2016 82](#_Toc523816836)

[Release Date: 26/4/2016 83](#_Toc523816837)

[Release Date: 25/4/2016 84](#_Toc523816838)

[Release Date: 14/4/2016 85](#_Toc523816839)

[Release Date: 7/4/2016 86](#_Toc523816840)

[Release Date: 27/3/2016 87](#_Toc523816841)

[Release Date: 9/3/2016 88](#_Toc523816842)

[Release Date: 7/3/2016 89](#_Toc523816843)

[Release Date: 6/3/2016 90](#_Toc523816844)

[Release Date: 25/2/2016 91](#_Toc523816845)

[Release Date: 17/2/2016 92](#_Toc523816846)

[Release Date: 8/2/2016 93](#_Toc523816847)

[Release Date: 3/2/2016 94](#_Toc523816848)

[Release Date: 2/2/2016 95](#_Toc523816849)

[Release Date: 1/2/2016 96](#_Toc523816850)

[Release Date: 28/1/2016 97](#_Toc523816851)

[Release Date: 17/12/2015 98](#_Toc523816852)

[Release Date: 26/11/2015 99](#_Toc523816853)

[Release Date: 18/11/2015 101](#_Toc523816854)

[Release Date: 22/10/2015 103](#_Toc523816855)

[Release Date: 17/9/2015 105](#_Toc523816856)

[Release Date: 25/8/2015 106](#_Toc523816857)

[Release Date: 2/7/2015 107](#_Toc523816858)

[Release Date: 4/5/2015 108](#_Toc523816859)

[Release Date: 17/2/2015 109](#_Toc523816860)

# Crow IP Module Package

The Package includes:

* CrowLibrary
* Crow IPMApplication

SVN Path: https://subversion.ise.de/svn/gira/AlarmSystemApplications/Main/Sources/McuApi

# IPMApplication

The IPM Application is a application which delegate all messages from/to the MCU to the Crow GDS

The application receives and send message to the GDS via ZMQ library, and communicates to the MCU via UART.

SVN subfolder: IPM

# CrowLibrary

The CrowLibrary is a common library that will be used by Gira GDS Application in order to send configuration, monitor and control the Crow Control Panel.

The Gira Application will link to the Crow Library, and the crow library will forward all Messages to the control panel via the Crow IPModule Application.

All the communication of Crow Library to/from the Crow IPMoudle will be done via IPC, The Crow IPMApplication will forward all these these messages to the control panel.

SVN subfolder: CrowLibrary

# UpdateFirmware

The Crow MCU update firmware tool is command line application that will be stored on the AS2 IPM.

In general it will perform the following functions:

* MCU Firmware update
* Reset MCU

- Static firmware Translations update.

SVN subfolder: UpdateFirmware

# Releases

## Release Date: 04/09/2018 (Revision 51438)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 3.7.4.77
* Crow IPMApplication Version 3.7.6.85
* Crow MCU UpdateFirmware Version 1.7.4.54
* Crow MCU Peripheral Update Version 2.1.2.22
* Voice file version 1.2.0.5

Compatibility:

* CrowLibraryInterface Version 1.3.2.36
* Gira Device Package : V2.0.116
* XSD version: 1.3.1.16
* Languages XSD :1
* Languages XML :18/1.0.0.10
* GPA Version :3.0.0.5082

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 3.11.23.150 | 5B | \*Still under test |
| RF Module | 4.6.0.72 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.16.0.2 | 2E | Only for HW 3304240A |
| Outdoor Siren | 0.15.3.32 | 4B must |  |
| I/O Device | 1.3.0.2 | 3B | Only for HW 3305255A |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.64 | 3B | 3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V3.10.4.63 | Located @ Tests folder |  |

1. **MCU**

* fixed GSM Continuous Wave TX
* Changed RSSI BAD threshold to be 6% for normal mode and 20% for installer mode

**Bug Fixes**

* ASCBT-885 ,883,894,887,872

1. **IPM**

**Bug Fixes**

* ASCBT- 854,889

1. **KPD**

* **Adding rolling code**

**Bug Fixes**

* ASCBT**-**883,836

1. **Siren indoor/ I/O Device/ RPT**

* New SW fitted to the new HW
* LBT values :

|  |  |  |
| --- | --- | --- |
| **PRODUCT NAME** | **Board Part Number** | **LBT** |
| FW2-ID SIREN GR | 3304240A | 14 |
| FW2-IO Device-GR | 3305255A | 14 |

* Low batt and cutoff value:

|  |  |  |  |
| --- | --- | --- | --- |
| **PRODUCT NAME** | **Board Part Number** | **Low Bat(V)** | **CutOff (V)** |
| FW2-ID SIREN GR | 3304240A | 2.65V | 2.5V |
| FW2-IO Device-GR | 3305255A | 2.5V | 2.3V |
| FW2-RPTR-GR | 3304240A | 2.5V | 2.3V |

1. **RF Module**

* Added Rolling Code and payload scrambling for CROW BUS packets. The Rolling Code addition is   
  initiated by GIRA keypad. The RFM that supports Rolling Code communicate with the Rolling Code.  
  Otherwise, without.
* Fixed PENDANTS RSSI value in percent sent in 0x41 to control panel.

## Release Date: 09/08/2018 (Revision 51224)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 3.7.3.76
* Crow IPMApplication Version 2.6.4.83a
* Crow MCU UpdateFirmware Version 1.7.4.54
* Crow MCU Peripheral Update Version 2.1.2.22
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.3.2.36
* Gira Device Package : V2.0.114
* XSD version: 1.3.1.15
* Languages XSD :1
* Languages XML :17/1.0.0.10
* GPA Version :3.0.0.1310

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 3.11.21.148 | 5B | \*Still under test |
| RF Module | 4.6.0.67 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.15.3.28 | 2E | 2C is OK too, |
| Outdoor Siren | 0.15.3.32 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.63 | 3B | \*Still under test 3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V3.10.3.62 | Located @ Tests folder |  |

1. **MCU**

* added a check for 4 consecutive voltage read from GG, in order to decide if to stop start charging

**Bug Fixes**

* ASCBT-**876**, **866**,**869**

1. **IPM**

* RSSI Change request version release

**Bug Fixes**

* ASCBT- **873**

1. **KPD**

**Bug Fixes**

* ASCBT**-862**

## Release Date: 07/06/2018 (Revision 50666)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.6.3.75
* Crow IPMApplication Version 2.6.4.83
* Crow MCU UpdateFirmware Version 1.7.4.54
* Crow MCU Peripheral Update Version 1.1.1.21
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.35
* Gira Device Package : V2.0.97
* XSD version: 1.3.1.15
* Languages XSD :1
* Languages XML :14/1.0.0.10
* GPA Version :2.6.0.243

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.10.20.147 | 5B | \*Still under test |
| RF Module | 4.6.0.67 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.15.3.28 | 2E | 2C is OK too, |
| Outdoor Siren | 0.15.3.32 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.62 | 3B | \*Still under test 3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.9.3.61 | Located @ Tests folder |  |

1. **MCU**

* Added a check for 4 consecutive voltage read from GG, in order to decide if to stop or start charging.
* Battery mV threshold for stop charging is changed to 4180mv,intead of 4050mV
* Added support for smoke events (TAMPER,LOW BATT,FIRE ALARM)

**Bug Fixes**

* ASCBT-809,634,853,843

1. **MCU update firmware**

* MCU update failure when sniffer disconnected.

**Bug Fixes**

* ASCBT-827

1. **IPM**

* NEW XSD supporting 4 repeaters.

**Bug Fixes**

* ASCBT-843

1. **KPD**

|  |
| --- |
| Related issues |
| [~~BUG\_SW #4759~~](http://redmind/redmine/issues/4759): Display service phone number screen and Display next service date screen is always Visible. |
| [~~BUG\_SW #5209~~](http://redmind/redmine/issues/5209): After pressing on ARM button, if the wireless keypad gets out of password screen on its own for some reason, the LED of ARM button will keep flashing |
| [~~BUG\_SW #5362~~](http://redmind/redmine/issues/5362): Object ID Missing for vital alarm from C.P( group 2 and 3 ) |
| [~~BUG\_SW #5456~~](http://redmind/redmine/issues/5456): You get pushed out of info window 2 sec after events refreshed pop-up message appears |
| [~~BUG\_SW #5529~~](http://redmind/redmine/issues/5529): When an area in arm/stay mode is in burglaty alarm state, it is still possible to access and input codes unrelated to disarming the alarm |
| [~~BUG\_SW #5555~~](http://redmind/redmine/issues/5555): After keypad detects cut-off value, it doesn't follow expected behavior |
| [~~BUG\_SW #5571~~](http://redmind/redmine/issues/5571): Information page doesn't force status update if you only close open zone while in open detector list |
| [~~BUG\_SW #5912~~](http://redmind/redmine/issues/5912): Need to define keypad behavior in regards to when a keypad connected to AC experiences multiple battery test delays |
| [~~BUG\_SW #6241~~](http://redmind/redmine/issues/6241): Reset code action carries over to change code process |
| [~~BUG\_SW #6352~~](http://redmind/redmine/issues/6352): The keypad send wrong sequence of user code |
| [~~BUG\_SW #6399~~](http://redmind/redmine/issues/6399): After entering wrong code in info page, keypad goes to main screen |

**Bug Fixes**

* ASCBT-790

## Release Date: 06/05/2018 (Revision 50364)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.6.2.74
* Crow IPMApplication Version 2.6.3.82
* Crow MCU UpdateFirmware Version 1.7.4.52
* Crow MCU Peripheral Update Version 1.1.1.21
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.35
* Gira Device Package : V2.0.89
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :12/1.0.0.10
* GPA Version :3.0.0.1020

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.10.17.144 | 5B | \*Still under test |
| RF Module | 4.6.0.67 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.15.3.28 | 2E | 2C is OK too, |
| Outdoor Siren | 0.15.3.32 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.61 | 3B | \*Still under test 3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.57 | Located @ Tests folder |  |

1. **MCU**

**Bug Fixes**

* ASCBT-824,818

1. **IPM**

* NEW language file (version 12)

**Bug Fixes**

* ASCBT-842,813

## Release Date: 17/04/2018 (Revision 50253)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.71
* Crow IPMApplication Version 2.6.3.81
* Crow MCU UpdateFirmware Version 1.7.4.52
* Crow MCU Peripheral Update Version 1.1.1.20
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.35
* Gira Device Package : V2.0.XX
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :11/1.0.0.10
* GPA Version :3.0.0.797

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.10.15.142 | 5B | \*Still under test |
| RF Module | 4.6.0.67 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.15.3.28 | 2E | 2C is OK too, |
| Outdoor Siren | 0.15.3.32 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.61 | 3B | \*Still under test 3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.57 | Located @ Tests folder |  |

1. **MCU**

**Bug Fixes**

* ASCBT-810,835,836,815

1. **LCD KPD**

**Bug Fixes**

* ASCBT-770,786
* Updated externals to resolve "History Log" issues reported by Gira
* Few bugs from redmine:

|  |
| --- |
| [BUG\_SW #4513](http://192.168.1.25/redmine/issues/4513): As long as the security area is armed all keypad button enabled. |
| [BUG\_SW #4610](http://192.168.1.25/redmine/issues/4610): Auto Test#6: keypad present stay icon and 4 digit icon on the same screen. |
| [BUG\_SW #4791](http://192.168.1.25/redmine/issues/4791): UART : Delta in BAT value. |
| [BUG\_SW #4903](http://192.168.1.25/redmine/issues/4903): 'C' button can get you out of installer |
| [BUG\_SW #5466](http://192.168.1.25/redmine/issues/5466): GUI: Warning and alarm symbols are sometimes placed with a big space in between |
| [BUG\_SW #5646](http://192.168.1.25/redmine/issues/5646): In a 4 areas config, vital alarm pop-up message doesn't always appear in all keypdas |
| [BUG\_SW #5813](http://192.168.1.25/redmine/issues/5813): After acknowledging technical-urgent alarm from a virtual device, the next time you acknowledge medical alarm event from virtual device the keypad mixes the second device name with the earlier one |
| [BUG\_SW #5835](http://192.168.1.25/redmine/issues/5835): 'i' button green LED turns permanently on after access |
| [BUG\_SW #6284](http://192.168.1.25/redmine/issues/6284): GUI: Language selection French and Russian have question marks instead of letters |

1. **IPM**

**Bug Fixes**

* ASCBT-812,820,808,712

## Release Date: 20/03/2018 (Revision 50094)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.71
* Crow IPMApplication Version 2.5.2.79
* Crow MCU UpdateFirmware Version 1.7.4.52
* Crow MCU Peripheral Update Version 1.0.0.19
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.35
* Gira Device Package : V2.0.68
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :9/1.0.0.10
* GPA Version :3.0.0.531

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.10.11.138 | 5B | \*Still under test |
| RF Module | 4.6.0.67 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.15.3.28 | 2E | 2C is OK too, |
| Outdoor Siren | 0.15.3.32 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.59 | 3B | 3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.57 | Located @ Tests folder |  |

1. **MCU**

**Bug Fixes**

* ASCBT-782,686,561,807,811,809

1. **LCD KPD**

**Bug Fixes**

* ASCBT-805,784,792,662,790

1. **IPM**

**Bug Fixes**

* ASCBT-812

## Release Date: 13/03/2018 (Revision 50026)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.71
* Crow IPMApplication Version 2.5.2.78
* Crow MCU UpdateFirmware Version 1.7.4.52
* Crow MCU Peripheral Update Version 1.0.0.19
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.35
* Gira Device Package : V2.0.59
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :9/1.0.0.10
* GPA Version :3.0.0.531

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.10.10.137 | 5B | \*Still under test |
| RF Module | 4.6.0.67 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.15.3.28 | 2E | 2C is OK too, |
| Outdoor Siren | 0.15.3.32 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.58 | 3B | 3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.57 | Located @ Tests folder |  |

1. **MCU**

**Bug Fixes**

* ASCBT-**787**,**688**,**770, 671,781,752**,**789**,**795**,**798**, **806**,**791**

1. **LCD KPD**

**Bug Fixes**

* ASCBT-**781**,**774**, **570**,**762**,**595**,**765**

1. **IPM**

**Bug Fixes**

* ASCBT-**753** ,**737**

1. **RF module**

**Bug Fixes**

* ASCBT-**788**
* Fixed memory crush when buffer for saving CB messages is full.

## Release Date: 27/02/2018 (Revision 49892)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.71
* Crow IPMApplication Version 2.5.2.77
* Crow MCU UpdateFirmware Version 1.7.4.52
* Crow MCU Peripheral Update Version 1.0.0.19
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.35
* Gira Device Package : V2.0.52
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :6/1.0.0.10
* GPA Version :3.0.0.465

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.10.8.135 | 5B |  |
| RF Module | 4.6.0.66 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.15.3.28 | 2E | 2C is OK too, |
| Outdoor Siren | 0.15.3.32 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.57 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.57 | Located @ Tests folder |  |

1. **MCU**

**Bug Fixes**

* ASCBT-662,643,768,686

1. **IPM**
2. New Languages xml version 6
3. Fixed display of full TCP message in the log (was truncated)
4. Support delete configuration from UART
5. Gas gauge flashing is enabled again (including error handling &retries)
6. **Note:** Gas gauge flashing using UART on an empty control panel sill doesn't work (need MCU fix)

**Bug Fixes**

* ASCBT-643,726

## Release Date: 25/02/2018 (Revision 49881)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.70
* Crow IPMApplication Version 2.5.2.76
* Crow MCU UpdateFirmware Version 1.7.4.52
* Crow MCU Peripheral Update Version 1.0.0.18
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.35
* Gira Device Package : V2.0.46
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :4/1.0.0.10
* GPA Version :3.0.0.125

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.10.7.134 | 5B |  |
| RF Module | 4.6.0.66 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.15.3.28 | 2E | 2C is OK too, |
| Outdoor Siren | 0.15.3.32 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.57 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.56 | Located @ Tests folder |  |

1. **MCU**
2. MODEM Blind Dialing support

**Bug Fixes**

* ASCBT-696,688,741,576,746 ,660, 702,657,747.

1. **IPM +CrowUpdateFW**
2. New Languages xml version 4
3. IPMApp will now return different pending for RF module & voice downloading
4. Added for crowFWupdate a delay after MCU reset (Bug 557)
5. fixed IPMApp crash when calling stoplistening () from Ingo's tests
6. Gas gauge flashing is temporary disabled according to ISE request.

**Bug Fixes**

* ASCBT-758,557,753,759,767.

1. **Keypad**

**Bug Fixes**

* ASCBT-554,595,728,739,743,755,757,760

1. **Siren EXT**

**Bug Fixes**

* production bug

## Release Date: 23/01/2018 (Revision 49627)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.69
* Crow IPMApplication Version 2.5.2.74
* Crow MCU UpdateFirmware Version 1.7.4.50
* Crow MCU Peripheral Update Version 1.0.0.15
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.34
* Gira Device Package : V2.0.38
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :2/1.0.0.10
* GPA Version :3.0.0.125

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.10.5.132 | 5B | \*Still under test |
| RF Module | 4.6.0.66 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.15.3.28 | 2E | 2C is OK too, |
| Outdoor Siren | 0.15.3.31 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.56 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.55 | Located @ Tests folder |  |

1. **MCU**
2. Production support -UART commands

**Bug Fixes**

* ASCBT-687,622,692,699,700,605,386,732,659,704

1. **IPM**
2. Reduced sleep when sending packets to MCU, making configuration, voice & RF file sending to be faster
3. New Languages xml
4. Added support for new door module components in configuration
5. IPMApp now supports big configuration files, no matter their size
6. Language file downloading is much faster now
7. reduced some sleeps, to make the CrowLibrary & IPMApp faster
8. reduced timeouts for updates: Voice = 5 minutes, RF Module = 3 minutes, Languages = 5 minutes

**Bug Fixes**

* ASCBT-719,697,709,632,729,645
* Bug Fix: When there a lot of XML validation errors (config or Languages), the IPMApp crash

1. **Keypad**

**Bug Fixes**

* ASCBT-570,577,713,723

1. **RF Module**
2. Removed block of slot tick sending when sending CROW BUS to keypads out of slot.
3. Added time out to UM to send data to KP.
4. The chunk init sent from slot, sent 5 times only and then DATA SEND FAIL callback is sent to UM.
5. Redesigned data send fail info (0x73) to control panel.
6. Production support -UART commands

**Bug Fixes**

* ASCBT-710,681,734

1. **Siren EXT**
2. Added option to set from production battery LOW/CUT level  
   :BAT:CUT:X/?;  
   :BAT:LOW:X/?;  
   :BAT:?; - return only the level of the battery after load   
   Note: The :BAT:=; is no longer supported
3. Send status message after change at external power state, without waiting for   
   supervision message, for EN certification requires less than 10 seconds.
4. Change the siren frequency range to default of 2700Hz-3700Hz,1Hz step.
5. Siren pattern was changed according to certification VDS - SOUNDER\_MODE\_UP\_SAW

**Bug Fixes**

* Device doesn't enter to cutoff state after low battery status and AC is disconnected
* Difference of 4 seconds between the activation(flasher, sounder) to the real time .
* During long run test the siren performed resync

1. **Siren INT**

1. Send status message after change at external power state, without waiting for   
supervision message, for EN certification requires less than 10 seconds.   
2. Change the siren frequency range to default of 2700Hz-3700Hz,1Hz step.  
3. Siren pattern was changed according to certification VDS - SOUNDER\_MODE\_UP\_SAW  
4. When AC connected battery measured after 4 hours.

5. Added option to set from production battery LOW/CUT level  
 :BAT:CUT:X/?;  
 :BAT:LOW:X/?;  
 :BAT:?; - return only the level of the battery after load   
 Note: The :BAT:=; is no longer supported

**Bug Fixes**

* Production support -UART commands

## Release Date: 09/01/2018 (Revision 49525)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.68
* Crow IPMApplication Version 2.5.2.72
* Crow MCU UpdateFirmware Version 1.7.4.50
* Crow MCU Peripheral Update Version 1.0.0.14
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.34
* Gira Device Package : V2.0.32
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :2
* GPA Version :2.5.0.799

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.10.3.130 | 5B | \*Still under test |
| RF Module | 4.6.0.64 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, |
| Indoor Siren | 0.15.3.27 | 2E | 2C is OK too, |
| Outdoor Siren | 0.15.3.30 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.54 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.54 | Located @ Tests folder |  |

1. **MCU**
2. Change UnitHub to support low power TX for RF certification mode
3. MCU detect GSM fail un case SIM is removed
4. Languages support for SMS
5. Fixing bug regarding upgrading voice file

**Bug Fixes**

* ASCBT- 676,633
* ASCBT- 706 -Mail was sent to Markus with special version (V2.10.1.128) that include reduction of MCU input queue from 4 to 1.

1. **IPM**
2. New Languages.xml file (including system events & component events translations)
3. New Languages XSD (including system events & component events types)
4. Added saving & reading of Languages.xml in initialization phase of IPMApp
5. CrowMcuPeripehrialUpdate timeout is now calculated for every try & re-try (not for all tries together)
6. CrowMcuFWUpdate - Added Delay at the end of the process - to wait for MCU reset to finish (so other updates afterwards, will not fail, because MCU haven't finished resetting yet
7. increased CrowMcuPeripherialUpdate file sending sleep (to avoid CrowMcuPeripheralUpdate running to 97% CPU)
8. CrowMcuPeripheralUpdate will now have timeout for language update

**Bug Fixes**

* ASCBT-610,491,652,611,656,703,653,647,667,690

1. **Keypad**

**Bug Fixes**

* ASCBT-679,543,614,624,649,665,673,674,680,684,698

1. **RF Module**

* The received by RF message is protected from rewrite before handling.
* The message queue for sending Integration messages to control panel is splitted into to queues -   
  short messages and long messages

## Release Date: 03/12/2017 (Revision 49248)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.66
* Crow IPMApplication Version 2.5.2.69
* Crow MCU UpdateFirmware Version 1.7.4.49
* Crow MCU Peripheral Update Version 1.0.0.10
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.33
* Gira Device Package : V2.0.11
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :2
* GPA Version :2.5.0.799

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.9.2.126 | 5B | \*Still under test |
| RF Module | 4.6.0.63 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.12 | 5A | 4A is OK too , \*Still under test |
| Technical Contact | 0.7.0.12 | 5A | 4A is OK too, \*Still under test |
| Indoor Siren | 0.15.3.27 | 2E | 2C is OK too, \*Still under test |
| Outdoor Siren | 0.15.3.30 | 4B must | \*Still under test |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.53 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.52 | Located @ Tests folder |  |

1. MAG/MAG TECH

**Bug Fixes**

* ASCBT- **675**

1. Outdoor siren

* Send status message after change at external power state, without waiting for   
  supervision message, for EN certification requires less than 10 seconds.
* Change the siren frequency range to default of 2700Hz-3700Hz,1Hz step.
* Siren pattern was changed according to certification VDS - SOUNDER\_MODE\_UP\_SAW

**Bug Fixes**

* Difference of 4 seconds between the activation( flasher, sounder) to the real time .

1. Indoor siren

* Send status message after change at external power state, without waiting for   
  supervision message, for EN certification requires less than 10 seconds.
* Change the siren frequency range to default of 2700Hz-3700Hz,1Hz step.
* Siren pattern was changed according to certification VDS - SOUNDER\_MODE\_UP\_SAW

**Bug Fixes**

* When AC connected battery is not being measured and therefore there in no low battery restore

1. RF Module

**Bug Fixes**

* ASCBT-681

## Release Date: 27/11/2017 (Revision 49140)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.66
* Crow IPMApplication Version 2.5.2.69
* Crow MCU UpdateFirmware Version 1.7.4.49
* Crow MCU Peripheral Update Version 1.0.0.10
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.33
* Gira Device Package : V2.0.7
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :2
* GPA Version :2.5.0.721

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.9.2.126 | 5B | \*Still under test |
| RF Module | 4.6.0.62 | 3A | \*Still under test |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.11 | 5A | 4A is OK too |
| Technical Contact | 0.7.0.11 | 5A | 4A is OK too |
| Indoor Siren | 0.15.3.26 | 2E | 2C is OK too |
| Outdoor Siren | 0.15.3.29 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.53 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.52 | Located @ Tests folder |  |

1. MCU

**Bug Fixes**

* ASCBT- **648**

1. LCD KP

**Bug Fixes**

1. ASCBT-**648,609,571,595**
2. RF Module

* Reduce RSSI of received packet by 8, in Walk Test and Learn mode.   
  Thus, compensating devices TX power not changed.
* The jamming detection delay changed from 45 to 30 seconds.
* Fixed RSSI calculation for device status by integration message (0x41) fixed to range 0% - 100%

**Bug Fixes**

* ASCBT-**644**

## Release Date: 21/11/2017 (Revision 49072)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.66
* Crow IPMApplication Version 2.5.2.69
* Crow MCU UpdateFirmware Version 1.7.4.49
* Crow MCU Peripheral Update Version 1.0.0.10
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.32
* Gira Device Package : V2.0.7
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :2
* GPA Version :2.5.0.721

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.9.1.125 | 5B | \*Still under test |
| RF Module | 4.6.0.60 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.11 | 5A | 4A is OK too |
| Technical Contact | 0.7.0.11 | 5A | 4A is OK too |
| Indoor Siren | 0.15.3.26 | 2E | 2C is OK too |
| Outdoor Siren | 0.15.3.29 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.52 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.11 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.52 | Located @ Tests folder |  |

1. MCU

* Change RSSI normalization table

[dBm] [%]  
- 98, 0 // <- Normalized 0  
- 97, 2 // <- Normalized 0   
- 96, 4 // <- Normalized 0  
- 95, 6 // <- Normalized 0  
- 94, 8 // <- Normalized 0  
- 93, 10 // <- Normalized 0  
- 92, 12 // <- Normalized 1  
- 91, 14 // <- Normalized 1  
- 90, 16 // <- Normalized 1  
- 89, 18 // <- Normalized 1  
- 88, 20 // <- Normalized 1  
- 87, 22 // <- Normalized 1  
- 86, 24 // <- Normalized 1  
- 85, 26 // <- Normalized 1  
- 84, 28 // <- Normalized 1  
- 83, 30 // <- Normalized 1  
- 82, 32 // <- Normalized 2  
- 81, 34 // <- Normalized 2  
- 80, 36 // <- Normalized 2  
- 79, 38 // <- Normalized 2  
- 78, 40 // <- Normalized 2  
- 77, 42 // <- Normalized 2  
- 76, 44 // <- Normalized 2  
- 75, 46 // <- Normalized 2  
- 74, 48 // <- Normalized 2  
- 73, 50 // <- Normalized 2  
- 72, 52 // <- Normalized 3  
- 71, 54 // <- Normalized 3  
- 70, 56 // <- Normalized 3  
- 69, 58 // <- Normalized 3  
- 68, 60 // <- Normalized 3  
- 67, 62 // <- Normalized 3  
- 66, 64 // <- Normalized 3  
- 65, 66 // <- Normalized 3  
- 64, 68 // <- Normalized 3  
- 63, 70 // <- Normalized 3  
- 62, 72 // <- Normalized 4  
- 61, 74 // <- Normalized 4  
- 60, 76 // <- Normalized 4  
- 59, 78 // <- Normalized 4  
- 58, 80 // <- Normalized 4  
- 57, 82 // <- Normalized 4  
- 56, 84 // <- Normalized 4  
- 55, 86 // <- Normalized 4  
- 54, 88 // <- Normalized 4  
- 53, 90 // <- Normalized 4  
- 52, 92 // <- Normalized 5  
- 51, 94 // <- Normalized 5  
- 50, 96 // <- Normalized 5  
- 49, 98 // <- Normalized 5  
- 48, 100 // <- Normalized 5  
- 47, 100 // <- Normalized 5  
- 46, 100 // <- Normalized 5  
- 45, 100 // <- Normalized 5  
- 44, 100 // <- Normalized 5  
- 43, 100 // <- Normalized 5

**Bug Fixes**

* ASCBT-**603**, **534** ,**635**, **627**, **591**,**642**,**602**.

1. LCD KP

**Bug Fixes**

* ASCBT-**473**, **595**,**600**,**621,649**

1. IPM App

* A new log file is created: Crowlibrary.log,located in \var\log directory. all crowlibrary messages will be written only to this log file

**Bug Fixes**

* ASCBT-**223,628**,**530**

1. KP Touch

* EN -Citification changes

**Bug Fixes**

* ASCBT-**545**

## Release Date: 07/11/2017 (Revision 48907)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.65
* Crow IPMApplication Version 2.5.2.68
* Crow MCU UpdateFirmware Version 1.7.4.49
* Crow MCU Peripheral Update Version 1.0.0.10
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.32
* Gira Device Package : V1.0.612
* XSD version: 1.3.1.14
* Languages XSD :1
* Languages XML :2
* GPA Version :2.5.0.561

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.8.5.123 | 5B | \*Still under test |
| RF Module | 4.6.0.60 | 3A | \*Still under test |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.11 | 5A | 4A is OK too |
| Technical Contact | 0.7.0.11 | 5A | 4A is OK too |
| Indoor Siren | 0.15.3.26 | 2E | 2C is OK too |
| Outdoor Siren | 0.15.3.29 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.1.51 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.9 |  | \*Not formal |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.1.51 | Located @ Tests folder |  |

1. MCU

* EN-Certification changes
* support new XSD

**Bug Fixes**

* ASCBT-529,551,585,617,589,517, 618, 581,564

1. LCD KP

**Bug Fixes**

* ASCBT-548,562,574,588,616,623,625,552,567,579

1. IPM App

* Added support for new XSD version 1.3.1.14
* Increase refresh events command timeout to be 100 sec.
* A new CrowMcuPeeripheralUpadte V1.0.0.10-include timeouts for RF module ,language and voice downloading

**Bug Fixes**

* ASCBT-573,572,516

1. RF Module

* EN-Certification changes
* Fixed siren default configuration
* Production command

## Release Date: 24/10/2017 (Revision 48807)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.63
* Crow IPMApplication Version 2.5.1.66
* Crow MCU UpdateFirmware Version 1.7.4.49
* Crow MCU Peripheral Update Version 1.0.0.1
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.32
* Gira Device Package : V1.0.603
* XSD version: 1.2.0.10
* Languages XSD :1
* Languages XML :2
* GPA Version 2.5.0.168

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.8.3.121 | 5B | \*Still under test |
| RF Module | 4.6.0.59 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.11 | 5A | 4A is OK too |
| Technical Contact | 0.7.0.11 | 5A | 4A is OK too |
| Indoor Siren | 0.15.3.26 | 2E | 2C is OK too, \*Still under test |
| Outdoor Siren | 0.15.3.29 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too, \*Still under test |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.0.50 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.9 |  | \*Not formal |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.0.48 | Located @ Tests folder |  |

1. MCU

* Dynamic memory allocation should is managed by OS Heap

**Bug Fixes**

* ASCBT-**482, 573, 581, 584**,
* MCU Stuck (Debug ver117 -Red LED ON) during commissioning
* Keypad doesn't get configuration from panel
* MCU does not return the RF-Module to NORMAL mode at the end of LEARN mode

1. LCD KP

* Changes to support EN-standard tests
  1. "Installer" user can be enabled/disable via the "User administration" menu
  2. Battery status reported immediately on Tamper event.

**Bug Fixes**

* ASCBT-**575**

## Release Date: 26/09/2017 (Revision 48607)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.63
* Crow IPMApplication Version 2.5.1.66
* Crow MCU UpdateFirmware Version 1.7.4.49
* Crow MCU Peripheral Update Version 1.0.0.1
* Voice file version 1.1.0.3

Compatibility:

* CrowLibraryInterface Version 1.2.1.32
* Gira Device Package : V1.0.601
* XSD version: 1.2.0.10
* Languages XSD :1
* Languages XML :2
* GPA Version 2.5.0.168

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.8.3.120 | 5B | \*Still under test |
| RF Module | 4.6.0.59 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.11 | 5A | 4A is OK too |
| Technical Contact | 0.7.0.11 | 5A | 4A is OK too |
| Indoor Siren | 0.15.3.26 | 2E | 2C is OK too, \*Still under test |
| Outdoor Siren | 0.15.3.29 | 4B must |  |
| I/O Device | 1.2.0.28 | 3B | 3A is OK too, \*Still under test |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.0.49 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.8 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.0.48 | Located @ Tests folder |  |

1. MCU

* Language support
* **Added Factory-Test support** (UART production commands)

**Bug Fixes**

* ASCBT-**537**,**505**

1. LCD KP

**Bug Fixes**

* ASCBT-**361**, **532**,**536**.

1. IPM

* Languages max string length will be 40 instead of 60

**Bug Fixes**

* ASCBT-**387**, **212** , **503** , **534**,**521**
* ASCBT-**519** -Still under verification

1. Indoor Siren

* Added restore from cutoff - Application and RF stack
* 5 seconds removed from timeout of self timeout of buzzer and siren
* AC Power is measured with Switch device instead of VoltMsr(ADC) , production command implementation was change according to it.

**Bug Fixes**

* Connect AC power while cut off state -device doent communicate with RF module.

1. I/O Device

* NTR

**Bug Fixes**

* Timeout for relay activation is updated without 5 seconds extra

## Release Date: 11/09/2017 (Revision 48494)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.62
* Crow IPMApplication Version 2.5.1.65
* Crow MCU UpdateFirmware Version 1.7.4.49
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.32
* Gira Device Package : V1.0.596
* XSD version: 1.2.0.10
* Languages XSD :1
* Languages XML :1
* GPA Version 2.4.0.670

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.7.1.117 | 5B | \*Still under test |
| RF Module | 4.6.0.59 | 3A |  |
| PIR | 0.8.5.17 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.11 | 5A | 4A is OK too |
| Technical Contact | 0.7.0.11 | 5A | 4A is OK too |
| Indoor Siren | 0.15.3.25 | 2E | 2C is OK too |
| Outdoor Siren | 0.15.3.29 | 4B must | \*Still under test |
| I/O Device | 1.2.0.27 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.2.0.48 | 3B | \*Still under test  3A is OK too |
| Touch panel | 0.0.0.8 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.14 | 2E | 2C is OK too |
| GPA-C | V2.8.0.48 | Located @ Tests folder |  |

1. MCU

* Language support -not tested as the device package doesn’t include a meaningful language files

**Bug Fixes**

* ASCBT-**522**,**495**,**531**,**504**,**373**,**386** (Implemented but not tested), **421**,**188**,**539**,**508**
* MCU doesn't send device names to the keypads.

1. RFM

* NTR

**Bug Fixes**

* ASCBT-**507** ,**523**
* RFM fails to answer repeater messages.

1. LCD KP

* Language translation support - not tested

**Bug Fixes**

* ASCBT-**265**,**487**,**520**,**483**

1. KP Touch

* NTR

**Bug Fixes**

* ASCBT-**470**

1. IPM

* Languages max string length will be 40 instead of 60
* Installer test log file added
* CrowMcuUpdateFW & IPMApp now resets the MCU using the open-drain method

1. Repeater

* NTR

**Bug Fixes**

* ASCBT-**388**

1. PIR

* NTR

**Bug Fixes**

* Missing Supervision

1. Indoor Siren

* NTR

**Bug Fixes**

* Missing Supervision

1. Outdoor siren

* NTR

**Bug Fixes**

* ASCBT-**524,525**
* Missing Supervision
* The flasher finishing its operation always with the sounder regardless to its activation

1. GBD

* NTR

**Bug Fixes**

* ASCBT-**321**

## Release Date: 14/08/2017 (Revision 48272)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.62
* Crow IPMApplication Version 2.5.1.63
* Crow MCU UpdateFirmware Version 1.7.3.46
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.32
* Gira Device Package : V1.0.584
* XSD version: 1.2.0.10
* GPA Version 2.4.0.670

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.4.2.108 | 5B | Still under test |
| RF Module | 4.6.0.58 | 3A |  |
| PIR | 0.8.5.16 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too |
| Magnet | 0.7.0.11 | 5A | 4A is OK too |
| Technical Contact | 0.7.0.11 | 5A | 4A is OK too |
| Indoor Siren | 0.15.3.22 | 2E | 2C is OK too |
| Outdoor Siren | 0.15.3.25 | 4B must |  |
| I/O Device | 1.2.0.27 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.1.22 | 1D | Requires new HW for VDS tests.  Can work on existing HW except detection method  1C is OK too |
| LCD Keypad | 1.0.9.46 | 3B | Still under test  3A is OK too |
| Touch panel | 0.0.0.7 |  |  |
| Door Module | 0.1.0.6 | 2B |  |
| Repeater | 0.1.2.13 | 2E | 2C is OK too |
| GPA-C | V2.8.0.47 | Located @ Tests folder |  |

1. MCU

* Keypad's Sound/Buzzer logic, moved to the MCU. Controlled by change in the SYSTEM\_STATUS\_CMD message from CP to KP.
* When pressing a key on Keypad, a new message is sent (SET\_IND\_BY\_KP message) to CP to stop all Sirens.

**Bug Fixes**

* ASCBT-500, 251, 323, 446, 508, 483, 362, 482
* After generating wrong code alarm and after disconnecting and powering up the MCU, the MCU keeps acting as though wrong code alarm is still in effect even after more than 5 minutes pass
* The exit delay beeps, in the keypad, stops after the user open detector that work in chime mode
* Configuration sent by the MCU to PIR CAM and PIR doesn't contain LED disable
* doesn't send off command to siren when resolving panic alarm in disarm mode (Via Keypad)
* Installer test can be conducted successfully only in the first time unless you reset the MCU
* when panic alarm is created and resolved via keypad during less than 10 sec ID sirens at destination will remain ON
* The user can Arm area 2 although the panel tamper is open!!!!
* After the end of installer test, the system activates panic alarms that were already resolved and acknowledged
* You can arm away/stay mode while installer test is being run

1. RFM

* NTR

**Bug Fixes**

* RFM stuck during receiving pictures from CamPIR

1. Mag/Mag TECH

* NTR

**Bug Fixes**

* Low voltage/cutoff thresholds

1. GBD

* Improves detection
* Requires new HW for VDS tests

**Bug Fixes**

* ASCBT-321
* Red led is 250ms ON in detection
* At walk test, the GBD detect up to 20cm with Honeywell FG701 simulator
* When walk test bit is sent to GBD during more than 10 minutes, the GBD stop detecting at all.
* At 90 and 270 degrees from glass, sometimes the GBD fails to detect glass breakage

**Know issues:**

* When Walk test is longer than 6 minutes (in some cases after 2 hours) the device sometimes stuck with Led ON. Once GBD stuck with either red or green led on it, no longer, detects in the "walk test"/"installer test". Work around: tamper change releases the unit from this stuck.

1. LCD KP

* NTR

**Bug Fixes**

* ASCBT-265, 287, 455, 484, 485,487, 488, 510, 499
* The countdown icon appears when the user disarms the panel
* When both zone alarm and fire alarm are in effect, keypad doesn't activate the buzzer in case of another zone opening
* Entering wrong code during exit delay and during entry delay disrupts the display of the countdown
* In Extended menu-> System date and time, keypad lets you set a single digit in the year field
* Stay/Arm icon disappear without disarming the area under certain circumstances
* While the system is in stay mode and after clearing medical/panic/vital alarm, keypad places the arm/stay icon and warning icon in the same place
* RF module of keypad stopped sending messages to MCU (Missing keypad)
* When more than one Keypad assinged to area and alarm resolved using Crowlib, not all keypad's buzzers remain active.
* When setting '0%' volume level in 'keypad buzzer volume', you actually hear sound level of '60%'
* The keypad beeps while download configuration is in progress
* When setting Display brightness, there is no difference between 80% and 100% values
* In 'Display and button backlight->Switch off time' the value '0' appears
* Administrator can't change his code or any other code after using code reset on his own code in the same session
* After bypass zone that is missing and arm ,keypad doesn't beep to indicate exit delay start ( there is a constant beep)
* Can't set the values 10 and 20 in the day section of 'Date and time' field
* User option 'Change Code' changes to 'Change CODE' after navigation within the sub-menu

1. Touch

* NTR

**Bug Fixes**

* ASCBT-470

1. IPM

* Added Languages XML support in IPMApp & CrowMCUPeripheralUpdate - No MCU & Keypad support yet

**Bug Fixes**

* ASCBT-493, 478
* If a TCP Send request received from MCU, The IPMApp will inform the MCU if the send has failed, and will retry sending, till the TCP connection is closed
* If connecting to IPMApp from client fails, then an error will be returned (requested by Gira/ISE)

1. Repeater

* NTR

**Bug Fixes**

* ASCBT-388

## Release Date: 17/07/2017 (Revision 48106)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.61
* Crow IPMApplication Version 2.5.1.62
* Crow MCU UpdateFirmware Version 1.7.2.44
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.32
* Gira Device Package : V1.0.567
* XSD version: 1.2.0.10
* GPA Version 2.4.0.177

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.4.2.105 | 5B | Still under test |
| RF Module | 4.6.0.52 | 3A |  |
| PIR | 0.8.5.16 | 4C | 4B is OK too Still under test |
| PIR Cam | 1.2.0.38 / 192 | 4B | 4A is OK too. Still under test |
| Magnet | 0.7.0.10 | 5A | 4A is OK too |
| Technical Contact | 0.7.0.10 | 5A | 4A is OK too |
| Indoor Siren | 0.15.3.22 | 2E | 2C is OK too |
| Outdoor Siren | 0.15.3.25 | 4B must |  |
| I/O Device | 1.2.0.27 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.19 | 1D | 1C is OK too |
| LCD Keypad | 1.0.9.43 | 3B | Still under test  3A is OK too |
| Touch panel | 0.0.0.6 |  |  |
| Door Module | 0.1.0.6 | 2B | Known issue: Automatic feature tests fail (see MCU known issues below). Manual tests - Pass |
| Repeater | 0.1.2.12 | 2E | 2C is OK too |
| GPA-C | V2.8.0.46 | Located @ Tests folder |  |

1. MCU

**Bug Fixes**

* ASCBT-387,464,449,421, 498, 486, 471,

1. LCD Keypad

* installer test support

**Bug Fixes**

* JIRA : ASCBT-267,287,395,413, 367, 341
* Menu/screen time-out doesn't work when wireless keypad is on batteries only
* Arm and Stay buttons' LEDs do not meet customer requirements
* The keypad doesn't beep for alarm after disarming away arm mode with keyfob while burglary alarm was in an ongoing state.
* After wake-up the keypad doesn't display pop-up message after going to power save mode with an ongoing alarm
* Automatic return time from 'Extended menu' to home screen in a keypad configured for AC connection doesn't follow customer demand
* Automatic change to home page time is wrong
* After an alarm event and after waking up keypad with batteries only, its back-light is almost completely white
* GUI: Due to incorrect text placement, "Arm exit delay" message is partially hidden by the screen's frame

1. IPM

**Bug Fixes**

* ASCBT-472, 497

1. PIR CAM

* LED indication during registration

1. PIR

* NTR

**Bug Fixes**

* LED behavior: on walk test mode green LED blinks 250ms on and 1750ms off
* elated issues
* PIR not enabling configuration of LED

1. OD Siren

* LED indications according to GIRA requirements
* Installer Mode (aka Walk Test) is added, according to Gira's SRS

**Bug Fixes**

* JIRA: ASCBT-502
* After cut off Red LED alight 10 sec instead of 5 min
* No LED indication when open tamper.
* After siren received 2 ON messages current consumption remains high for 5 min.
* Siren looses time slot after multiples activation
* Flasher does not work if shortly before the command ON, the siren received command OFF
* Flasher remain ON if the siren received command OFF ~3 min after the command ON,
* One pulse\two pulse execution can take up to 30 sec
* Siren receives one pulse\two pulse command and doesn't blink (Rearly)
* Closing tamper with "Cutoff" voltage connected doesn't trigger Cutoff behavior

1. ID Siren

* LED indications according to GIRA requirements
* Installer Mode (aka Walk Test) is added, according to Gira's SRS

**Bug Fixes**

* Siren buffer is 5-9 message (should be 16).

1. Mag/Mag TECH

* LED indications according to GIRA requirements
* Installer Mode (aka Walk Test) is added, according to Gira's SRS

1. I/O Device

* LED indications according to GIRA requirements
* Installer Mode (aka Walk Test) is added, according to Gira's SRS

## Release Date: 03/07/2017 (Revision 47957)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.59
* Crow IPMApplication Version 2.5.1.60
* Crow MCU UpdateFirmware Version 1.7.2.44
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.32
* Gira Device Package : V1.0.559

Note: V1.0.559 doesn’t work smoothly. It causes few issues: [472](https://jira.ise.de/browse/ASCBT-472) , [497](https://jira.ise.de/browse/ASCBT-497)

* XSD version: 1.2.0.10
* GPA Version 2.4.0.177

Note: Due to the following message in GPA V2.4.0.177 the system test setup stops running frequently



**Due to the above 2 notes the feature test setup & the system test setup cannot be run smoothly**

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.4.2.104 | 5B | Still under test |
| RF Module | 4.6.0.52 | 3A |  |
| PIR | 0.8.4.14 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.37 / 192 | 4B | 4A is OK too. Still under test |
| Magnet | 0.7.0.9 | 5A | 4A is OK too |
| Technical Contact | 0.7.0.9 | 4A |  |
| Indoor Siren | 0.14.3.21 | 2E | 2C is OK too |
| Outdoor Siren | 0.14.3.24 | 4B must |  |
| I/O Device | 1.2.0.24 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.19 | 1D | 1C is OK too |
| LCD Keypad | 1.0.9.41 | 3B | Still under test  3A is OK too |
| Touch panel | 0.0.0.6 |  |  |
| Door Module | 0.1.0.6 | 2B | Known issue: Automatic feature tests fail (see MCU known issues below). Manual tests - Pass |
| Repeater | 0.1.2.12 | 2E | 2C is OK too |
| GPA-C | V2.8.0.44 | Located @ Tests folder |  |

1. MCU

**Bug Fixes**

* ASCBT-480

1. LCD Keypad

**Bug Fixes**

* ASCBT 266, 287, 328, 359, 411, 445
* Display service phone number
* Display service phone number screen and Display next service date screen is always visible.
* The options in "Chime sound" menu aren't written as depicted in the styleguide doc
* Exit delay screen when the number is above 100 presented wrong.
* When trying to reset user code via keypad, the screen's backlight changes
* Positive code acknowledge sound is shortened by half or not heard at all in certain situations
* Pre-alarm and exit delay sounds aren't managed by changes in "Notifications and acknowledge"
* Other security areas icon: in case of alarm digits doesn't flash And keypad doesn't beep.

1. IPM

* IPMApp - MCU disconnection problem
* CrowMcuPeripheralUpdate - return status WRONG\_PARAMETER was changed to 5 instead of -1
* The following error codes are added as commandId when sending commands:   
  COMMAND\_TIMEOUT\_ELAPSED\_ERROR = -8,  
  SEND\_COMMAND\_INTERNAL\_NULL\_ERROR = -9,  
  PROTOCOL\_HANLDER\_ISNULL\_ERROR = -10,  
  IPM\_QUEUE\_IS\_FULL = -11,  
  IPM\_SEND\_FAIL = -12,  
  IPM\_COMMAND\_ACK\_TIMEOUT = -13,

**Bug Fixes**

* ASCBT-372, 436, 431

1. PIR CAM

* Supports GIRA LED behavior requirements

**Bug Fixes**

* Initialization may never end.

1. PIR

* Supports GIRA LED behavior requirements

## Release Date: 22/06/2017 (Revision 47850)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.5.1.58
* Crow IPMApplication Version 2.5.1.59
* Crow MCU UpdateFirmware Version 1.7.3.43
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.31
* Gira Device Package : V1.0.556/V1.0.557
* XSD version: 1.2.0.10
* GPA Version 2.4.0.177

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.4.2.102 | 5B | Still under test |
| RF Module | 4.6.0.52 | 3A |  |
| PIR | 0.8.2.12 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.36/192 | 4B | 4A is OK too. Still under test |
| Magnet | 0.7.0.9 | 4A |  |
| Technical Contact | 0.7.0.9 | 4A |  |
| Indoor Siren | 0.14.3.21 | 2E | 2C is OK too |
| Outdoor Siren | 0.14.3.24 | 4B must |  |
| I/O Device | 1.2.0.24 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.19 | 1D | 1C is OK too |
| LCD Keypad | 1.0.9.39 | 3B | Still under test  3A is OK too |
| Touch panel | 0.0.0.6 |  |  |
| Door Module | 0.1.0.6 | 2B | Known issue: Automatic feature tests fail (see MCU known issues below). Manual tests - Pass |
| Repeater | 0.1.2.12 | 2E | 2C is OK too |
| GPA-C | V2.8.0.43 | Located @ Tests folder |  |

1. MCU

* ASCBT-440, 481

**Bug Fixes**

* NTR

1. LCD Keypad

* NTR

**Bug Fixes**

* ASCBT-471, 456

1. IPM

* ASCBT-431

**Bug Fixes**

* ASCBT-436, 479, 466

1. PIR CAM

* Supports GIRA LED behavior requirements

## Release Date: 12/06/2017 (Revision 47727)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.4.0.56
* Crow IPMApplication Version 2.4.0.56
* Crow MCU UpdateFirmware Version 1.7.3.43
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.31
* Gira Device Package : V1.0.539
* XSD version: 1.2.0.10
* GPA Version 2.3.0.195

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.4.2.101 | 5B | SW version still under test |
| RF Module | 4.6.0.52 | 3A | SW version still under test |
| PIR | 0.8.2.12 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.35/192 | 4B | 4A is OK too |
| Magnet | 0.7.0.9 | 4A |  |
| Technical Contact | 0.7.0.9 | 4A |  |
| Indoor Siren | 0.14.3.21 | 2E | 2C is OK too |
| Outdoor Siren | 0.14.3.24 | 4B must |  |
| I/O Device | 1.2.0.24 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.19 | 1D | 1C is OK too |
| LCD Keypad | 1.0.9.38 | 3B | SW version still under test  3A is OK too |
| Touch panel | 0.0.0.6 |  |  |
| Door Module | 0.1.0.6 | 2B | Known issue: Automatic feature tests fail (see MCU known issues below). Manual tests - Pass |
| Repeater | 0.1.2.12 | 2E | 2C is OK too |
| GPA-C | V2.8.0.42 | Located @ Tests folder | Still Under test.  Known issue: Door module configuration causes this application to crash |

1. MCU

* NTR (Nothing to Report)

**Bug Fixes**

* ASCBT-174, 417, 418, 446, 458, 460, 461, 183, 454
* After upgrade MCU ,The MCU S/N is 100000.
* MCU getting stuck after upgrade
* fixed MCU crash when sending configuration from GPA (or with an XML that contain resources)
* Outputs of I/O device doesn't turn on when they are assigned to disarm state

1. LCD Keypad

* NTR

**Bug Fixes**

* ASCBT-287 (partially), 344, 346, 360, 412, 426, 444, 462
* Menu/screen time-out doesn't work when wireless keypad is on batteries only
* Keypad stuck - doesn't respond to any key, doesn't answer to supervision message and doesn't send re-sync message
* Keypad presents arm entry delay in stay mode and vice versa
* After wake-up the keypad doesn't display pop-up message after going to power save mode with an ongoing alarm
* The countdown display disappears after the keypad shutdown the display
* After an alarm event and after waking up keypad with batteries only, its back-light is almost completely white

**Known Issues**

* Low Batt is disabled regardless to the battery status

1. PIR CAM

* Change Hold-Off time to ~2 seconds

1. Indoor Siren

* NTR

**Bug Fixes**

* Missing supervision- Siren does not start resync
* Device transmits broadcast more than 5 min

1. Outdoor Siren

* NTR

**Bug Fixes**

* Missing supervision- Siren does not start resync

1. Touch Panel

* Improve touch keys which missed some the presses.
* Additional improved version is still under test. Will be release in few days

1. Door Module

* NTR

**Bug Fixes**

* ASCBT-426

## Release Date: 22/05/2017 (Revision 47572)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.4.0.56
* Crow IPMApplication Version 2.4.0.56
* Crow MCU UpdateFirmware Version 1.7.3.43
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.31
* Gira Device Package : V1.0.539
* XSD version: 1.2.0.10
* GPA Version 2.3.0.195

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.4.2.98 | 5B | SW version still under test |
| RF Module | 4.6.0.52 | 3A | SW version still under test |
| PIR | 0.8.2.12 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.34/192 | 4B | 4A is OK too |
| Magnet | 0.7.0.9 | 4A |  |
| Technical Contact | 0.7.0.9 | 4A |  |
| Indoor Siren | 0.14.2.20 | 2E | 2C is OK too |
| Outdoor Siren | 0.14.2.23 | 4B must |  |
| I/O Device | 1.2.0.24 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.19 | 1D | 1C is OK too |
| LCD Keypad | 1.0.9.36 | 3B | SW version still under test  3A is OK too |
| Touch panel | 0.0.0.3 |  |  |
| Door Module | 0.1.0.5 | 2B | Known issue: Automatic feature tests fail (see MCU known issues below). Manual tests - Pass |
| Repeater | 0.1.2.12 | 2E | 2C is OK too |
| GPA-C | 2.7.0.41 | Located @ Tests folder | Still Under test.  Known issue: Door module configuration causes this application to crash |

1. MCU

* Delete Configuration re-added

**Bug Fixes**

* ASCBT-365, 439, 434

**Known Issues**

* Bypassing a zone with low battery automatically resolves the issue

1. PIR

* Maintenance fixes in order to support repeater test cases
* RF Stack was updated.

**Bug Fixes**

* No missing SUPV on Automatic System Setup (Peter’s)

1. LCD Keypad

* Event log expanded to 250 events to fit with certification requirement
* RF stack was not handling RF errors correctly, this caused the RF to get stack in random state   
  causing missing supervisions
* Low power mode support
* Battery and AC handling according the following
* Battery test:
  1. Battery is tested every 4 [Hr.].
  2. The Low-Battery report is done after 3 consecutive tests (12 [Hr]).
  3. Battery test shall take place when the LCD backlight, KEYs backlight and Buzzer are OFF.
  4. When Tamper is closed, the Battery shall be tested again (as soon as all conditions above are fulfilled).
  5. The Low-Battery state shall be reported before cut-off state is entered.
* AC test:
  1. AC is tested every 1[Min]. (since this is a digital input, we shall consider using an Interrupt rather than polling this input)
  2. The AC report shall be de-bounced for ~10 [sec].

**Bug Fixes**

* ASCBT-282, 293, 344, 361, 409, 413, 448
* After looking at events in the info page, opening a zone makes the 'i' button flash
* The option to disable user PIN is available for default administrator and installer
* Keypad returns to main screen after manually generating fire alarm while in stay mode without pressing on the OK button.

**Known Issues**

* The Door Module is not functioning while the KP in the sleep mode.
* Once the user wakes the KP up (button press) the Door module operates properly.
* "Display permanently on" doesn't work according requirement
* After wake-up the keypad doesn't display pop-up message after going to power save mode with an ongoing alarm
* Automatic change to home page when keypad is running on batteries is performed after 60 seconds and not as defined in the requirement <https://rqm.gira.de:8443/contour/perspective.req>
* Sometimes when counting time on keypad and the backlight turned off, pressing any key causes the backlight to turn on, but the counting stops
* System during exit delay, the keypad sounds accordingly. Activating the chime causes the keypad to stop beeping.

1. Indoor Siren

* RF stack was not handling RF errors correctly, this caused the RF to get stack in random state   
  causing missing supervisions

**Bug Fixes**

* Missing supervision- Siren does not start resync
* Siren Ignores timeout activation payload
* The siren ignores command ON / OFF in case of frequency hopping

**Known Issues**

* Siren loses SUPV rarely

1. Outdoor Siren

* RF stack was not handling RF errors correctly, this caused the RF to get stack in random state   
  causing missing supervisions  
  If flashing time is bigger than sounder time, after buzzer is shut down the flasher works in battery saver profile.

|  |  |  |
| --- | --- | --- |
|  | **Before Buzzer is Shut down** | **After Buzzer is Shut down** |
| Power is **Disconnected** | T = 1.5 sec, Duty Cycle = (100/15)% | T = 5 sec, Duty Cycle = 2% |
| Power is **Connected** | T = 1.5 sec, Duty Cycle = (100/15)% | T = 1.5 sec, Duty Cycle = (100/15)% |

* Cut-Off starts only after 3 consecutive measurements of low battery

**Bug Fixes**

* Bottom of Form
* Missing supervision- Siren does not start resync
* The siren ignores command ON / OFF in case of frequency hopping

## Release Date: 30/04/2017 (Revision 47335)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.4.0.54
* Crow IPMApplication Version 2.4.0.55
* Crow MCU UpdateFirmware Version 1.7.3.43
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.31
* Gira Device Package : V1.0.529
* XSD version: 1.2.0.10
* GPA Version 2.2.0.382

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.4.2.96 | 5B | SW version still under test |
| RF Module | 4.6.0.52 | 3A | SW version still under test |
| PIR | 0.8.1.11 | 4C | 4B is OK too |
| PIR Cam | 1.2.0.34/192 | 4B | 4A is OK too |
| Magnet | 0.7.0.9 | 4A |  |
| Technical Contact | 0.7.0.9 | 4A |  |
| Indoor Siren | 0.13.0.17 | 2E | 2C is OK too |
| Outdoor Siren | 0.12.1.18 | 4B must |  |
| I/O Device | 1.2.0.24 | 3B | 3A is OK too |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.19 | 1D | 1C is OK too |
| LCD Keypad | 1.0.8.31 | 3B | SW version still under test  3A is OK too |
| Touch panel | 0.0.0.3 |  |  |
| Door Module | 0.1.0.5 | 2B | Known issue: Automatic feature tests fail (see MCU known issues below). Manual tests - Pass |
| Repeater | 0.1.2.12 | 2E | 2C is OK too |
| GPA-C | 2.5.0.40 | Located @ Tests folder | Still Under test.  Known issue: Door module configuration causes this application to crash |

1. MCU

* Delete Configuration is not supported at the moment (was meant for production, but used by ISE)
* Upgraded File System handling on MCU, due to update firmware and configuration load failures.
* Added LOG\_EVENT\_ALARM\_RESOLVED\_BY\_USER event.
* New XSD support (Magnet EnableInternal & EnableExternal added to xml) including MCU logic.
* Measurement of Voltage coin battery has been stabilized.

**Bug Fixes**

* ASCBT-379, ASCBT-365, ASCBT-396, ASCBT-374, ASCBT-375
* The panel fails to send "Functional Monitoring"(test call to the call center)
* Fix the Vital alarm to follow the Area configuration
* Wrong detectors presented on the Keypad's information page
* Trouble is reported to Keypad when there is technical Alarm.
* MCU stuck after alarm from CamPir, resolved & acknowledged.
* After commission of configuration with 3 or more KP some of the Keypads fail to register.
* Sometime when sending new XDS, the MCU crash.
* Can't disable user codes defined as administrators

**Known Issues**

* Door Module - Automatic feature tests fail due to the following error
* Acknowledge\_All\_Resolved\_Event\_Command\_Invalid\_Event\_Error.
* Manual tests pass

1. RF Module

* Maintenance fixes in order to support repeater test cases

**Bug Fixes**

* NTR

1. KEYPAD

* Added Watch Dog in order to prevent restore from several observed Keypad stuck situations.
* Internal Flash usage added to store KP local settings.

**Bug Fixes**

* ASCBT-280, ASCBT-282, ASCBT-341, ASCBT-408, ASCBT-415, ASCBT-430

1. Indoor Siren

* Maintenance fixes in order to support repeater test cases

**Bug Fixes**

* After battery indicates cut off there is No AC RESTORE even when the power is back.

1. Outdoor Siren

* Maintenance fixes in order to support repeater test cases

**Bug Fixes**

* Bottom of Form
* The Siren resets itself from time to time after invoking

1. Repeater

* Added to GIRA Brand an Ability to HOP between frequencies when there is an RF jamming.

Bottom of Form

**Bug Fixes**

* Bottom of Form
* NTR

## Release Date: 27/02/2017 (Revision 46894)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.3.0.48
* Crow IPMApplication Version 2.3.0.53
* Crow MCU UpdateFirmware Version 1.7.2.40
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.28
* Gira Device Package : V1.0.468.0
* XSD version: V1.1.0.9
* GPA Version 2.1.0.10884

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.3.1.92 | 5B | SW version still under test |
| RF Module | 4.6.0.51 | 3A | SW version still under test |
| PIR | 0.8.1.11 | 4B |  |
| PIR Cam | 1.2.0.34/192 | 4A |  |
| Magnet | 0.7.0.9 | 4A |  |
| Technical Contact | 0.7.0.9 | 4A |  |
| Indoor Siren | 0.10.0.13 | 2C |  |
| Outdoor Siren | 0.10.0.13 | 4A must |  |
| I/O Device | 1.2.0.22 | 3A |  |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.19 | 1C |  |
| LCD Keypad | 1.0.8.29 | 3A | SW version still under test |
| Touch panel | 0.0.0.3 |  |  |
| Door Module | 0.1.0.5 | 2B |  |
| Repeater | V0.1.1.10 | 2C |  |
| GPA-C | V2.3.1.36 | Located @ Tests folder |  |

1. MCU

* Set other security areas status, according to ongoing alarms only
* Technical Urgent and Technical Alarms is marked as trouble instead of alarm

**Bug Fixes**

* ASCBT-333 - Permanent disabled keyfob after new learn process
* ASCBT-356 - Wrong timeDiff in SYS\_CHANGE\_DATE\_TIME system event

1. RF Module

* NTR

**Bug Fixes**

* Possible write to EEPROM before it is ready
* Delay from RFM receiving command till RFM send command to output varies up to 1 minute
* RF module stuck in a middle of "Data Session"

1. KEYPAD

* NTR

**Bug Fixes**

* ASCBT-201, ASCBT-326, ASCBT-331, ASCBT-345, ASCBT-350, ASCBT-283
* BUG\_SW #4192: GUI :List of keyfob screen number is one on top of the other.
* BUG\_SW #4447: GUI :GBD Tamper
* BUG\_SW #5110: When disabling chime sound via keypad, it doesn't display the "Chime off" symbol
* BUG\_SW #5140: It is possible to confuse index number of history log
* BUG\_SW #5369: Doing certain actions lets the user to bypass pop-up messages of panic, medical and vital alarms from the keypad
* BUG\_SW #5517: Arm button isn't disabled in inevitability mode
* BUG\_SW #5519: GUI: In User list, user numbers 10-64 overlap over the dividing line between current code viewed and total number of codes
* BUG\_SW #5520: Keyfob names are not displayed in the keypad
* BUG\_SW #5528: Keypad doesn't immediately begin to buzz when keypad AC fail occurs
* BUG\_SW #5532: You can't change default administrator's code
* BUG\_SW #5548: Disarming arm during exit delay with API or keyfob makes the keypad play the sound for "fail to arm"
* BUG\_SW #5552: "Chime sound" options do the opposite of what they are supposed to do
* BUG\_SW #5553: "Chime sound" sub-menu is always available in area 2.

## Release Date: 07/02/2017 (Revision 46789)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.3.0.48
* Crow IPMApplication Version 2.3.0.53
* Crow MCU UpdateFirmware Version 1.7.2.40
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.28
* Gira Device Package : V1.0.468.0
* XSD version: V1.1.0.9
* GPA Version 2.1.0.10712

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.3.1.90 | 5B | SW version still under test |
| RF Module | 4.6.0.48 | 3A | SW version still under test |
| PIR | 0.8.1.11 | 4B |  |
| PIR Cam | 1.2.0.34/192 | 4A |  |
| Magnet | 0.7.0.9 | 4A |  |
| Technical Contact | 0.7.0.9 | 4A |  |
| Indoor Siren | 0.10.0.13 | 2C |  |
| Outdoor Siren | 0.10.0.13 | 4A must |  |
| I/O Device | 1.2.0.22 | 3A | SW version still under test |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.19 | 1C |  |
| LCD Keypad | 1.0.7.28 | 3A | SW version still under test |
| Touch panel | 0.0.0.3 |  |  |
| Door Module | 0.1.0.5 | 2B |  |
| Repeater | 0.1.1.10 | 2C |  |
| GPA-C | V2.3.1.36 | Located @ Tests folder |  |

Changes:

1. From Shalom’s last visit to Gira

* Activating output in the IO device for pre-configured time duration
* Improved mechanism to update outputs status of the IO device.
* Fixed missing SUPV while pairing process
* Arm from keypad after changing user password with the Keypad or GPA
* User enter into extended menu is blocked if other Keypad in Extended menu
* Improved FW remote update
* Keypad stability – still under investigation as Crow system setup was not fully updated
* Door module – works as expected on Feature setup (Ingo’s)

1. IP Module

* Added Flash Gas Gauge downloading to CrowMCUPeripheralUpdate Version Release
* Added a check for CMS\_ACCOUNT\_NUMBER in XML Validation
* Added retries for RF file sending + reset after successful downloading of RF file
* It is possible to flash Gas Gauge using the above command line: CrowMcuPeripheralUpdate -update gg
* If an MCU Reset is done, a new RF File/Voice File can be started again using CrowLibraryTestConsole production mode
* URI of picture to contain only the file name (bug ASCBT-302)

**Bug Fixes**

* Downloading pictures from cameras might crash the IPMApp

1. MCU

* Added Repeater status support (Tamper & Low Battery). Note: no support yet for AC trouble!!!
* Return delete configuration command
* Reporting GSM RSSI in the ControlUnitEvent
* Protecting writing to file system, In order to solve RFM flashing
* Improved GSM power-up sequence
* Support SIM PIN
* Bug Fix: The system generate medical/fire alarm from I/O device or tech magnet but doesn't update the keypad
* Bug Fix: You can't generate fire, medical or panic alarm via keypad
* Other Security Area SILENT & NONE Features added

**Bug Fixes**

* ASCBT-285 – Non configured control unit does not send control unit event
* ASCBT-264 - User is blocked after PIN is changed via GPA-C or CrowAPI
* ASCBT-269 - MCU-/ IO-Module outputs, associated with arming states, will be never deactivated
* ASCBT-306 - Immediately report AC power failure event
* [ASCBT-174](https://jira.ise.de/browse/ASCBT-174) - State of IO-Module output status will not reset on project change
* [ASCBT-288](https://jira.ise.de/browse/ASCBT-288) - Learn-Mode shall start only if the MCU is CONFIGURATION\_READY and button is pressed + Learn-Mode shall stop if Tamper is close or button is pressed
* [ASCBT-286](https://jira.ise.de/browse/ASCBT-286) - The Status LED doesn’t light as expected
* ASCBT-333 - Permanent disabled keyfob after new learn process
* ASCBT-334 - Status of the area is shown on the disabled keyfob
* ASCBT-335 - Burglar alarm is triggered if the door modules lock contact is triggered twice
* ASCBT-190 - Outdoor siren sounder and flash only activated on alarms from main security area

1. RF Module

* Communication mechanism to control panel were improved to resolve stack issues
* Improved communication while receiving pictures
* Improved watchdog mechanism

**Bug Fixes**

* ASCBT-238: First KeyFob action doesn't work
* RF Jamming without restore

1. KEYPAD

* User code administration (as described on change request) was updated.
* Pressing on arm/stay button in information screen doesn't begin code entry procedure
* Keypad doesn't play negative acknowledgement sound after failing to arm
* Extended Menu access(not presentation) is possible only after positive confirmation from MCU.
* Blinking icons functionality added for ongoing Alarms/Troubles.

**Bug Fixes**

* ASCBT-284, ASCBT-330, ASCBT-338, ASCBT-340, ASCBT-328
* Description of technical alarm of wireless GBD in information screen contains irrelevant text
* Wrong icon is presented in keypad 1 when trigger panic alarm from key-fob that assigned to area 2
* No Cut off treatment ( value + led behavior )
* Other Security area icon is wrong
* Other security area" icon in keypad assigned to area 1 is empty when zone is missing
* Using "Chime control" to turn of the chime doesn't stop chime from working
* Under certain circumstances, menu index doesn't reflect the true number of options available
* Chime sound" sub-menu, that is supposed to be available only when a detector is configured as chime in an area and only for that area, doesn't follow these conditions

**Open Issues**

* ASCBT-260 – seems to be fixed. Still in Monitoring

1. Indoor Siren

* Low battery status will be updated upon any status change such as battery disconnection / replacement, tamper press or any other (Gira request ASCBT-307)
* During Siren Alarm, battery measurement is suspended until Siren is silent again

**Bug Fixes**

* Indoor siren doesn't try to resynch with RFM
* Battery value drops down when external 12V is connected.
* Indoor or Outdoor Siren do not respond to CP invoking
* Indoor Siren activates sounder when command is to turn flash only
* After learning process fail , pressing tamper doesn't activate transition
* After pairing fails green led flashes for 5 minutes instead of red.
* No led indication in supervision message.
* Buzzer turns off after 6 minutes.
* Battery consumption while Ac is connected

1. Outdoor Siren

* Low battery status will be updated upon any status change such as battery disconnection / replacement, tamper press or any other (Gira request ASCBT-307)
* During Siren Alarm, battery measurement is suspended until Siren is silent again

**Bug Fixes**

* Green Led turns on although RF dongle disconnected
* During "teach-in" Red&Green LEDs both active
* Resynch message without HW and FW
* Siren blinks green instead of red
* Led doesn't blink regardless to configuration
* Press/release tamper doesn't activate broadcast
* Buzzer loudness stays the same regardless to configuration
* Flasher and sounder gaps not equal
* After few days outdoor siren stop working

1. PIR Camera

**Bug Fixes**

* Enter or Exit from walk test causes to Cam PIR to reset
* No led indication when the detector enter walk-test!!!!
* Improving the battery periodic measurement
* Improving current consumption
* No battery measurement when closing tamper
* Device doesn't transmit broadcast messages
* if tamper of unpaired component is closed then PIRCam status led flashes permanently

## Release Date: 16/1/2017 (Revision 46641)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.3.0.48
* Crow IPMApplication Version 2.3.0.50
* Crow MCU UpdateFirmware Version 1.7.2.40
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.28
* Gira Device Package : V1.0.460
* XSD version: V1.1.0.9
* GPA Version 2.1.0.10501

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.3.0.86 | 5B | Minimum HW version >4  SW version still under test |
| RF Module | 4.6.0.44 | 3A | SW version still under test |
| PIR | 0.8.1.11 | 4B |  |
| PIRCam | 1.2.0.32/192 | 4A | Current DSP (189) must be updated in order to work. |
| Magnet | 0.7.0.9 | 4A |  |
| Technical Contact | 0.7.0.9 | 4A |  |
| Indoor Siren | 0.9.0.12 | 2C |  |
| Outdoor Siren | 0.9.0.12 | 4A must |  |
| I/O Device | 1.2.0.21 | 3A |  |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.11 | 1C |  |
| LCD Keypad | 1.0.7.26 | 3A | SW version still under test |
| Touch panel | 0.0.0.3 |  |  |
| Door Module | 0.1.0.5 | 2B |  |
| Repeater | 0.1.1.10 | 2C |  |
| IPM | 2.2.0.45 | 6A |  |
| GPA-C | V2.2.0.32 | Located @ Tests folder |  |

Changes:

1. IP Module

* Added removing of XML backup in IP module when removing configuration
* Handled double messages of “command done” (CONFIGURE\_MCU\_ERROR will be sent only if no delete configuration command is sent)
* Increased maximum number of detectors allowed to be 48 instead of 32
* Support initialization of user pin codes
* Changed pictures location to /opt/userdata/alarmsystem/pictures
* CrowLibraryTestConsole is built with VS2015, which means it requires to install vc\_redist.x86.exe before CrowLibraryTestConsole installation (located in the same directory of installation)
* Bug Fix: door module events status is not updated on CrowLibraryTestConsole GUI
* Bug Fix: added option to set IP address manually by using ARP to resolve IP<->MAC.
* Known isse: Application crashes if /opt/userdata/alarmSystemPictures folder doesn’t exist. Workaround: Create the folder manually

1. MCU

* Temperature, battery voltage and RSSI readings are added to component event
* Added Control Unit Back Tamper event flag to panel status
* Support for changes introduced on XSD version 1.1.0.9
* Support User Pin Codes Change Request
* All component that use 'IsACPowered' take the <MainPowerFailureNotificationDelay> for de-bounce
* Support Keypad's AC trouble
* Chime Event Support
* Improved mechanism for authenticating user from keypad, before making operation.

Bug Fixes:

* The control-panel send wrong configuration to the camera
* User with no permission to acknowledge (CanAcknowledgeInfo="false") can acknowledge using keypad
* Security guard can't disarm after alarm
* Pir profile start from "0" and not from "1" in the xml
* After restore for GPRS or PSTN ERROR user cant acknowledge using keypad,the event present in ongoing (group 1)
* Tamper event doesn’t not cause NOT READY TO ARM
* On off commands for output were send more than once for a single event.
* Event isAck flag on eeprom is not always updated
* MCU Crashes if KeyFob is not linked to the Area
* On supervision lost from keypad, the "KEYPAD\_SETTING\_MODE' is cleared automatically
* When entering 'Extended menu' the area gets "NOT READY" status
* After sending SMS the GSM was not able to connect to TCP/IP socket
* Can arm with door module lock-key when there is an ongoing sabotage event
* Even when the door module's reed switch is open, it is possible to stay arm the system
* Burglar Alarm can't be deactivated
* I/O input assigned to vital alarm doesn't cause vital alarm

JIRA/GIRA reported Bug Fixes

* ASCBT-285 – Non-configured control unit does not send control unit event
* ASCBT-264 - User is blocked after PIN is changed via GPA-C or CrowAPI
* ASCBT-269 - MCU-/ IO-Module outputs, associated with arming states, will be never deactivated
* ASCBT-306 - Immediately report AC power failure event

1. RF Module

* Fixed ASCBT-238: First KeyFob action doesn't work
* BUG\_SW #4698: RF module sends different Acknowledge after learning process completed

1. KEYPAD

* Change request PIN handling has been implemented
* Service Info has been implemented
* Fixed issues: ASCBT-237, ASCBT-261, ASCBT-266, ASCBT-268, ASCBT-271, ASCBT-281, ASCBT-283, ASCBT-284, ASCBT-286, ASCBT-287, ASCBT-289, ASCBT-290, ASCBT-291, ASCBT-292, ASCBT-298

## Release Date: 08/12/2016 (Revision 46469)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.2.0.45
* Crow IPMApplication Version 2.2.0.47
* Crow MCU UpdateFirmware Version 1.7.2.40
* Crow MCU Peripheral Update Version 1.0.0.1

Compatibility:

* CrowLibraryInterface Version 1.2.1.28
* Gira Device Package : V1.0.451
* XSD version: V1.0.0.8
* GPA Version 2.1.0.9898

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.2.0.83 | 5B | Minimum HW version >4  SW version still under test |
| RF Module | 4.6.0.41 | 3A |  |
| PIR | 0.8.1.11 | 4B |  |
| PIRCam | 1.2.0.32/192 | 4A | SW version still under test  Current DSP (189) must be updated in order to work. |
| Magnet | 0.7.0.9 | 4A |  |
| Technical Contact | 0.7.0.9 | 4A |  |
| Indoor Siren | 0.9.0.12 | 2C |  |
| Outdoor Siren | 0.9.0.12 | 4A must |  |
| I/O Device | 1.1.0.19 | 3A | V1.1.0.19 can work on 3A but consumes current. It works OK on 2A. |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.11 | 1C |  |
| LCD Keypad | 1.0.5.25 | 3A | SW version still under test |
| Touch panel | 0.0.0.3 |  |  |
| Door Module | 0.1.0.5 | 2B |  |
| Repeater | 0.1.1.10 | 2C |  |
| IPM | 2.2.0.45 | 6A |  |
| GPA-C | V2.2.0.30 | Located @ Tests folder |  |

Changes:

1. IP Module

* Added re-transmit mechanism for Configuration, Voice File & RF File sending to MCU, if NACK or no acknowledge is received
* Fixed IPMApp crash if the TCP/IP Receive message is more than 100 bytes
* Fixed IPMApp bug, if TCP/IP receive request is exactly 256 bytes - nothing is sent to the MCU
* Added CrowMCUPeripheralUpdate Command Line Tool - used to send RF File, Voice File & Get Versions

1. MCU

* Added Reset RF Module Feature in Production Mode (needs new Device Package)
* Init the ISD Voice chip, before writing new Voice File (not only when there is a valid configuration) - Production (needs new Device Package in order to start a delay before sending voice file)
* Added a send of Control Unit Event even if there is no configuration - Production
* Added Delete Configuration feature (when sending empty file name - needs new Device Package) - Production
* Bug Fix 5218: After opening a technical zone set to generate medical alarm, the MCU sends in acknowledgement the signal for vital alarm as well as medical alarm
* Support CMS1&2 Communication trouble
* Bug Fix: Vital alarm event was not entered to event-logger
* Updating an event on the log file - should generate an event callback on API
* Added deletion of users & all other backup memory when receiving delete configuration command

Fixed Bugs:

* BUG\_SW #4025: User cant deactivate alarm (panic/medical) with regular user
* BUG\_SW #4026: The MCU doesn't send panic/medical restore for component only for area
* BUG\_SW #4181: Time display on operating unit isn't implemented
* BUG\_SW #4580: Keypad registration
* BUG\_SW #4911: Keypad stuck due to a wrong configuration.
* BUG\_SW #5218: After opening a technical zone set to generate medical alarm, the MCU sends in acknowledgement the signal for vital alarm as well as medical alarm
* BUG\_SW #5243: Flash voice without configuration
* BUG\_SW #5244: Power-up control unit event without configuration
* BUG\_SW #5255: No delete configuration function
* BUG\_SW #4906: MCU stuck.
* BUG\_SW #4956: Message 2302 - system info response for Group 2 is without Object ID(Component S/N)
* BUG\_SW #5033: MCU send wrong message to the keypad after several panic alarm
* BUG\_SW #4177: Wrong message when a component with entry delay is open
* BUG\_SW #4692: In case C.P present GSM fail , keypad present message :"system trouble GIALRMKXIP".
* BUG\_SW #5247: After bypassing a missing radio device, MCU sends status not ready for arm and stay modes
* BUG\_SW #5340: Info page present constant trouble "system trouble GIALRMKXIP" although there is no trouble at all
* BUG\_SW #5350: MCU keeps sending request to acknowledge vital alarm event after the event was already acknowledged

1. RF Module

* Added "page" control for Integration "list" commands for detectors. This is done to increase   
  number of devices to 64. See the Integration protocol document.
* Added mechanism of not missing Supervision sending if other data is sent in Supervision slot
* Fixed bug of possible missing Supervision (BUG\_SW [~~#5207~~](http://redmind/redmine/issues/5207)) to sync devices.
* Fixed bug of sending packets to synchronized devices while in data receive mode.
* Fixed send / receive integration protocol commands.
* The device status message (0x41) payload enlarged to send enlarged status packets from devices

1. KEYPAD

* BUG\_SW #4708: The keypad stuck on disarm window.
* BUG\_SW #4900: Exiting bypass menu when none of the zones have trouble makes keypad ignore presses of up down
* BUG\_SW #4917: Wireless keypad freezes when scrolling through events in Installer->Display history log
* BUG\_SW #5072: Keypad suddenly stops responding to key presses and MCU messages
* BUG\_SW #5086: Can bypass radio devices via keypad even if the bypass option is disabled
* BUG\_SW #5208: No low batt and cut off implementations
* BUG\_SW #5214: Keypad stuck after pressing several times on info button.
* BUG\_SW #5220: After changing keypad buzzer volume in one category, upon entering another category keypad plays sound at the volume level you set earlier
* BUG\_SW #5221: GUI: After entering "Keypad buzzer volume", the word "keypad" is changed to "keypas"
* BUG\_SW #5222: In the first 3 categories of 'Keypad buzzer volume', there is no difference between 80% and 100% volume
* BUG\_SW #5240: Arm and Stay buttons' LEDs do not meet customer requirements
* BUG\_HW #4481: The average current id 34µA from the battery unit when the keypad is connect to 230V(AC).

## Release Date: 08/11/2016 (Revision 46245 + 46250)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.2.0.44
* Crow IPMApplication Version 2.2.0.45
* Crow MCU UpdateFirmware Version 1.7.2.40

Compatibility:

* CrowLibraryInterface Version 1.2.1.27
* Gira Device Package : 1.0.438.0
* XSD version 1.0.0.8
* GPA Version 2.1.0.9588

Versions:

|  |  |  |  |
| --- | --- | --- | --- |
| **Device** | **SW version** | **HW version** | **Comments** |
| Control Panel | 2.2.0.79 | 5B | SW version still under test |
| RF Module | 4.6.0.38 | 3A | With bootloader. Can be updated remotely |
| PIR | 0.8.1.11 | 4B |  |
| PIRCam | 1.2.0.31/192 | 4A | SW version still under test  Current DSP (189) must be updated in order to work. |
| Magnet | 0.7.0.9 | 4A |  |
| Technical Contact | 0.7.0.9 | 4A |  |
| Indoor Siren | 0.9.0.12 | 2C |  |
| Outdoor Siren | 0.9.0.12 | 4A must |  |
| I/O Device | 1.1.0.19 | 3A | V1.1.0.19 can work on 3A but consumes current. It works OK on 2A. |
| Keyfob | 0.3.0.6 | 1A |  |
| GBD | 0.1.0.11 | 1C |  |
| LCD Keypad | 1.0.5.24 | 3A | SW version still under test |
| Touch panel | 0.0.0.3 |  |  |
| Door Module | 0.1.0.5 | 2B |  |
| Repeater | 0.1.1.10 | 2C |  |
| IPM | 2.2.0.45 | 6A |  |
| GPA-C | V2.2.0.29 | Located @ Tests folder |  |

Changes:

1. IP Module

* Fixed Picture Ready Event receiving by CrowLibrary (redundant time tag length taken into consideration in length of long messages)
* Picture Ready Event includes now time tag & picture number (in a series of pictures)

1. MCU

* Improved UART driver
* Bug Fix ASCBT-245: Arming and disarming with Keyfob/API doesn’t work correctly in the Inevitability mode
* Change: the SRAM-Backup Battery is test every 24[Hr] or whenever the control-unit Tamper is close
* Bug Fix: Normal user codes beyond the 9th user code can't arm or disarm the system

1. RF Module

* Supports Production – new boot loader

## Release Date: 28/09/2016 (Revision 45878)

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.39
* Crow IPMApplication Version 2.1.3.40
* Crow MCU UpdateFirmware Version 1.7.2.40

Compatibility:

* CrowLibraryInterface Version 1.0.6.22
* Gira Device Package : 1.0.415.0
* XSD version 1.0.0.8
* GPA Version 2.1.9182

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.73 | 4A |
| RF Module | 4.6.0.36 | 3A |
| PIR | 0.8.0.9 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.7.0.9 | 4A |
| Technical Contact | 0.7.0.9 | 4A |
| Indoor Siren | 0.8.1.11 | 2 |
| Outdoor Siren | 0.8.1.11 | 2 |
| I/O Device | 1.1.0.19 | 2B |
| Keyfob | 0.3.0.6 | 1A |
| GBD | 0.1.0.8 | 1B |
| LCD Keypad | 1.0.5.23 | 1B |
| Door Module | 0.1.0.4 | 2 |
| Repeater | 0.1.1.10 | 2 |
| Repeater | 0.1.1.10 | 2 |
| IPM | 2.1.3.40 | 6A |
| GPA-C | V2.1.0.24 | Located @ Tests folder |

Changes:

1. IP Module

* Added support for MCU debug messages. at the moment there are none. they will be added to a file called McuDebug.log (needed support also in the device package - wasn't done by ISE)
* On Command Done events were added for some of the production commands

1. MCU

* Fix. recovering from no response to PIC-set delete

1. RF Module

* On data receive end detection added delay to receive possible CHUNK CLOSE retransmission by device.
* Fixed correct jamming counter clear. Does not hope frequency if no real jamming.
* Fixed bug of not converting RF CD type message to integration protocol.

## Release Date: 01/09/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

CrowLibrary Version 2.1.2.38

Crow IPMApplication Version 2.1.3.39

Crow MCU UpdateFirmware Version 1.7.2.40

Compatibility:

CrowLibraryInterface Version 1.0.6.22

Gira Device Package : 1.0.397.0

XSD version 1.0.0.8

GPA Version 2.1.8828

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.71 | 4A |
| RF Module | 4.6.0.33 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.22 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. Bug Fix: CrowLibraryTestConsole stuck when opening main form, closing it & opening again

2. Bug Fix: The request for CONTROL\_UNIT\_MONITOR\_EVENT wasn't sent when calling registerAllEvents() from DeviceStack - ISE to check if fixed

## Release Date: 30/08/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.71 | 4A |

Changes:

1. Bug fix: Configuration load is failed if Keypads exits and not connected to the control panel.

**Release Date: 28/08/2016**

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.37
* Crow IPMApplication Version 2.1.3.38
* Crow MCU UpdateFirmware Version 1.7.2.40

Compatibility:

* CrowLibraryInterface Version 1.0.6.22
* Gira Device Package : 1.0.397.0
* XSD version 1.0.0.8
* GPA Version 2.1.8828

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.70 | 4A |
| RF Module | 4.6.0.33 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.21 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. New UpdateFirmware Tool - At the end it runs IPMApp.sh instead of IPMApp
2. Added logEntryId parameter for ACKNOWLEDGE\_ALL\_RESOLVED\_EVENTS\_COMMAND - 0 will acknowledge all resolved events
3. Added Control Unit Id for Control Unit Event message, the event will be sent when registering observer in CrowLibrary
4. McuControl Class is no longer singleton
5. ASCBT-221 - bug fix: Send configuration command over API causes two onCommanDone events
6. Bug Fix: Alarm was received from detector that was bypass
7. Keypad Extended menu support
8. The following commands will be disabled when CUET\_KEYPAD\_SETTING\_MODE:USER\_ENABLE\_CONTROL\_COMMAND, KEYFOB\_ENABLE\_CONTROL\_COMMAND, USER\_CODE\_CONTROL\_COMMAND, DATE\_TIME\_CONTROL\_COMMAND, TEST\_RUN\_CONTROL\_COMMAND, FIND\_DEVICE\_CONTROL\_COMMAND
9. When Gas Gauge is not flashed - Low Battery event will be received
10. ASCBT-224 - bug fix: STAY\_ARM\_NOT\_READY flag set if an away burglar detector with EPC flag is opened
11. ASCBT 190 - bug fix: Outdoor siren sounder and flash only activated on alarms from main security area
12. Bug Fix: Keypad stuck in configuration mode
13. Added LOG\_EVENT\_SYS\_INSTALLER\_START and LOG\_EVENT\_SYS\_INSTALLER\_END events to logger
14. A Special MCU firmware was created in order to flash the Gas Gauge: ControlPanel\_FlashGasGauge.bin. please download this firmware and run it, before downloading the regular ControlPanel.bin to the MCU

## Release Date: 1/08/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.35
* Crow IPMApplication Version 2.1.3.36
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.384.0
* XSD version 1.0.0.8
* GPA Version 2.1.8363

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.68 | 4A |
| RF Module | 4.6.0.29 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.21 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. Reduced automatic RF module reset from 10 times to 3 times
2. Added notification 4 all keypads of a new configuration
3. Added Keypad extended menu support

## Release Date: 21/07/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.35
* Crow IPMApplication Version 2.1.3.36
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.384.0
* XSD version 1.0.0.8
* GPA Version 2.1.8363

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.67 | 4A |
| RF Module | 4.6.0.29 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.20 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. IPMApp supports TCP/IP messages from MCU - sending and receiving
2. Door Module Magnet & Door Module Contact removed from configuration - will be generated automatically by MCU
3. Event receiving in Crow Library is improved to avoid stuck of Crow Library (same as in IPMApp)
4. ASCBT-215 - bug fix: ARM\_NOT\_READY and STAY\_ARM\_NOT\_READY flags set without any ground
5. Bug Fix: Power down the GSM before Init
6. Fix according to AS2 - API Commands allowed in armed and stay armed state https://conf.ise.de/display/AS2/AS2+-+API+Commands+allowed+in+armed+and+stay+armed+state
7. Handle CUET\_SYSTEM\_CONFIG\_CHANGE Control Unit event
8. Bug Fix: The Repeater is NOT Supervisable
9. ASCBT-207 - bug fix: Control Unit has low battery and wrong hardware ID
10. ASCBT-164 - bug fix: MCU response time is unpredictable

## Release Date: 20/07/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.34
* Crow IPMApplication Version 2.1.3.35
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.383.0
* XSD version 1.0.0.8
* GPA Version 2.1.8363

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.66 | 4A |
| RF Module | 4.6.0.29 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.20 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. RF Module fixes - Remote rolling code is saved in EEPROM

## Release Date: 7/7/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.34
* Crow IPMApplication Version 2.1.3.35
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.383.0
* XSD version 1.0.0.8
* GPA Version 2.1.8363

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.66 | 4A |
| RF Module | 4.6.0.27 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.20 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. ASCBT-212 Bug Fix - Pairing mode must be stopped immediately after project download to the MCU
2. ASCBT-206 Bug Fix - Resolve Panicalarm with Keypad not possible
3. Fixed erasing of backup RAM after sending configuration
4. ASCBT-152 Bug Fix - Arm not ready flag ignores not acknowledged events

## Release Date: 30/6/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.34
* Crow IPMApplication Version 2.1.3.34
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.377.0
* XSD version 1.0.0.8
* GPA Version 2.1.8141

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.65 | 4A |
| RF Module | 4.6.0.27 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.20 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. All ongoing events will be displayed in Keypad
2. User's pin code and enable status are saved when resetting MCU
3. Keyfob enable status are saved when resetting MCU
4. Bug Fix: Keypad doesn't send re-sync after fail to answer to supervision message
5. Bug Fix: After download configuration the keypad send resync but doesnt send message 06 for getting new configuration
6. Bug Fix: Keypad GUI - Resolve of "radio jamming control unit keypad wireless" message
7. Bug Fix: Keypad GUI - Trouble -"Sabotage motion detector cam wireless" message
8. Bug Fix: Keypad - The exit delay timer restart if detector send "open event" during the exit delay time.
9. Bug Fix: Keypad - The user need to enter his code twice to exit the panic message window
10. ASCBT-167 Bug Fix - Keypad state machine is not synchronized with MCU state machine after by API-control commands
11. ASCBT-200 Bug Fix - Display brightness of keypad can be set to 0
12. ASCBT-207 Bug Fix - Leave menu with menu button is not possible
13. Bug Fix: Voice File downloading to MCU
14. Bug Fix: Setting Date & Time from Keypad crashed the MCU
15. Bug Fix: reset the users info in every configuration sending
16. Bug Fix: After downloading a new configuration: SecurityArea, AreaStateMachine, Components and ContrlUnit data is erased from Backup RAM memory
17. Bug Fix: The following (non-physical/logical) events are NOT restored from ControlUnit backup: CUET\_SYSTEM\_SETTINGS\_CHANGE, CUET\_SYSTEM\_CONFIG\_CHANGE, CUET\_LEARN\_MODE, CUET\_TEST\_RUN\_MODE, CUET\_WRONG\_CODE\_ENTRY
18. Bug Fix: No restore ,for GSM fail ,after the panel power-up
19. ASCBT-199 Bug Fix - Users pin can not be changed via the keypad
20. Bug Fix: The MCU not update the keypad on resolved alarm/sabotage.
21. Bug Fix: The user can't arm the panel ,via keypad ,after bypass

## Release Date: 19/6/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.33
* Crow IPMApplication Version 2.1.3.33
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.372.0
* XSD version 1.0.0.8
* GPA Version 2.0.7646

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.63 | 4A |
| RF Module | 4.6.0.27 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.19 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. KP LEDs functionality support.
2. KP Backlight ( keys and display) control support.
3. RF stack update - This change should to improve significantly KP vs RFM communication.
4. KP The result can be felt by usage of "Info" and "History Log" menus.
5. Bug Fix: KP Missing GUI in Walk test & Test Run
6. Bug Fix: Stay arm using keypad -stay icon and V icon is one on top of the other
7. Fast response on CROW BUSS packet received (for keypad GIRA) - this were done in order to improve user experience, and interface responsiveness.
8. The RF module send immediately OFF command to siren, instead of waiting to it time slot. This were done in order to extend battery life of Siren. and can be tested only on new Sirens that initiate RF listing while shouting.
9. Fixed bug of incorrect integration command Add Device (0x09) executing.
10. Bug Fix: Information button response delay (4 sec delay from sending command 13 to get response 23)
11. The keypad doesn't respond to first press on info button (doesn't transmit message 13)

## Release Date: 16/6/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

- CrowLibrary Version 2.1.2.33

- Crow IPMApplication Version 2.1.3.33

- Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.372.0
* XSD version 1.0.0.8
* GPA Version 2.0.7646

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.63 | 4A |
| RF Module | 4.6.0.26 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.16 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

* ASCBT-181 Bug Fix - API event calls are absent on enabling/disabling of users
* ASCBT-182 Bug Fix - API event calls are absent on enabling/disabling of keyfobs
* Bug Fix - Keyfob Low bat blocks the system to be armed
* Bug Fix - The MCU crash in the exit delay if the pstn is disconnected
* Added clear ignored events from Keypad
* Bug Fix - AC\_Power & RF Jamming component event not supported
* ASCBT 167 Bug Fix - Keypad state machine is not synchronized with MCU state machine after by API-control commands
* ASCBT 184 Bug Fix - API event calls are absent on change of user PIN

## Release Date: 9/6/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.33
* Crow IPMApplication Version 2.1.3.33
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.372.0
* XSD version 1.0.0.8
* GPA Version 2.0.7646

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.62 | 4A |
| RF Module | 4.6.0.26 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.16 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. Bug Fix - The user can't cancel pet immunity
2. Added support for users' timeslots
3. fixed handling of resolve alarm when the input is open
4. fixed pending resolve alarm moved to area level
5. ATB5 may be bypassed according to configuration
6. Bug fix - Keyfob disarm led doesn't turn on after pressing disarm button
7. Bug fix - Control Unit was sent twice in Refresh Component command

## Release Date: 2/6/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.32
* Crow IPMApplication Version 2.1.3.32
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatability:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.371.0
* XSD version 1.0.0.8
* GPA Version 2.0.7646

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.62 | 4A |
| RF Module | 4.6.0.26 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.16 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. No Response from IpmApp for 15 minutes bug - fixed

## Release Date: 26/5/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.32
* Crow IPMApplication Version 2.1.3.31
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.362.0
* XSD version 1.0.0.8
* GPA Version 2.0.7646

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.61 | 4A |
| RF Module | 4.6.0.26 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.16 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. Added support for reporting group types: voice, gsm\_cid, gsm\_sms, ip\_gsm\_cid, ip\_gsm\_sia
2. Siren notification bug - fixed
3. Magnet & Technical components isNormalyClosed fixed
4. Alarm is resolved only if detector is closed
5. Fixed bug ASCBT-179: Alarming by the sirens is quitted after restoring of tampers
6. TechnicalContact configuration according to EnableInternal and EnableExternal params bug - fixed
7. Fixed bug ASCBT-136: Alarming timeout for stay armed is wrong
8. Fixed bug siren action at disarm
9. Inputs & Outputs were considered as sync components & caused MCU to stuck - fixed
10. Green Led is on according to VDS - bug fix
11. Fixed bug - Updating Ack on KeyPad
12. TechnicalMagnet can have a Physical tamper and/or Logical tamper
13. Fixed redundant ARM/STAY/DISARM events in the evens-logger
14. Fixed wrong component ID when doing ARM/STAY/DISARM fro a key-fob
15. Added verification of Installer code when sending configuration
16. Added verification of Disarm mode when sending configuration
17. Added verification of CP Tamper open when sending configuration
18. ActionOnArming & ActionOnDisarming for sirens bug fix
19. Fixed redundant building of configuration library files in IpmApp build

## Release Date: 19/5/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.31
* Crow IPMApplication Version 2.1.3.30
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.357.0
* XSD version 1.0.0.8
* GPA Version 2.0.7646

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.60 | 4A |
| RF Module | 4.6.0.26 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.16 | 1B |
| Door Module | 0.1.0.3 | 2 |
|  |  |  |

Changes:

1. Changing user code always returned error - fixed
2. Inputs & Outputs where considered as sync devices which stuck the MCU - fixed

## Release Date: 8/5/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.31
* Crow IPMApplication Version 2.1.3.30
* Crow MCU UpdateFirmware Version 1.7.2.39

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.357.0
* XSD version 1.0.0.8
* GPA Version 2.0.7283

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.59 | 4A |
| RF Module | 4.6.0.26 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.16 | 1B |

Changes:

* Configuration sending to KeyPad fix
* Update Firmware compilation fix - need a change in ISE jenkins
* I/O Device NC bug fix
* Two-Trigger alarm support

## Release Date: 5/5/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.31
* Crow IPMApplication Version 2.1.3.30
* Crow MCU UpdateFirmware Version 1.7.2.38

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.357.0
* XSD version 1.0.0.8
* GPA Version 2.0.7283

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.58 | 4A |
| RF Module | 4.6.0.26 | 3A |
| PIR | 0.6.0.7 | 3 |
| PIRCam | 1.2.0.17 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.7 | 2 |
| Outdoor Siren | 0.6.0.7 | 2 |
| I/O Device | 1.1.0.16 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.15 | 1B |

Changes:

1. New Firmware Update that support version number (bug fix)
2. Added Keypad inputs components to XSD validation
3. Picture sizes are now with real size as received from PirCam
4. Added Chime support
5. Added alarm report forwarding
6. Added supprt for user can only disarm after alarm feature
7. Added Door Module support

## Release Date: 26/4/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.30
* Crow IPMApplication Version 2.1.3.29
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.354.0
* XSD version 1.0.0.8
* GPA Version 2.0.6652

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.57 | 4A |
| RF Module | 4.6.0.26 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.15 | 1B |

Changes:

1. The PirCam now gets all pictures in the picture-set (not just one)
2. Delay the picture/s get from EntranceProcessComponents Camera until the end of entry time
3. I/O Module Output bug fix
4. SystemEvent shall use 'UseIndoorSiren' and 'UseOutdoorSiren' to activate the sirens.
5. Using 'ActionOnArming' and 'ActionOnDisarming' when status change from Arm <-> Disarm

## Release Date: 25/4/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.30
* Crow IPMApplication Version 2.1.3.29
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.354.0
* XSD version 1.0.0.8
* GPA Version 2.0.6652

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.56 | 4A |
| RF Module | 4.6.0.26 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.15 | 1B |

Changes:

1. I/O Modules inputs & outputs bug fix
2. Added support for voice reporting group

## Release Date: 14/4/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.30
* Crow IPMApplication Version 2.1.3.29
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.354.0
* XSD version 1.0.0.8
* GPA Version 2.0.6652

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.55 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.15 | 1B |

Changes:

1. Stay Arm is not Enabled anymore when a door is opened
2. From Now On, a battery is needed for the MCU
3. Keypad is updated when sending AckAllResolvedEvents command
4. GSM power down when SIM in not detected
5. picture taking for PirCam is fixed

## Release Date: 7/4/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.30
* Crow IPMApplication Version 2.1.3.29
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.350.0
* XSD version 1.0.0.8
* GPA Version 2.0.6652

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.54 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.14 | 1B |

Changes:

1. Support of Battery for the Control Panel
2. Fixed status sending to Keypad
3. Fixed bypass and open indicators in sensors browsing
4. Added PSTN Failure Control Unit event
5. Added Bypass Control Unit event
6. Fixed configuration sending to Keypad
7. Fixed Other Security Areas forwarding in Keypad

## Release Date: 27/3/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.29
* Crow IPMApplication Version 2.1.3.28
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.350.0
* XSD version 1.0.0.8
* GPA Version 2.0.6652

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.53 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.14 | 1B |

Changes:

1. Added validation check for no cms reporting groups 1 & 2
2. Updated input & output component id's

## Release Date: 9/3/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.28
* Crow IPMApplication Version 2.1.3.27
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.19
* Gira Device Package : 1.0.337.0
* XSD version 1.0.0.8
* GPA Version 2.0.6578

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.51 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.14 | 1B |

Changes:

1. number of Sync Components is now validated in the IPM
2. MCU serial number in configuration is verified with the real serial number
3. Inputs & Outputs Id's are now validated with the Control Panel & I/O device id's
4. Added validation check to limit total number of components in all areas to 120 (without keyfobs)
5. Vital Alarm is now supported

## Release Date: 7/3/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.27
* Crow IPMApplication Version 2.1.3.26
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.18
* Gira Device Package : 1.0.335.0
* XSD version 1.0.0.8
* GPA Version 2.0.6187

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.50 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.11 | 1B |

Changes:

1. Other Security Areas support
2. KeyPad support bypass with user validation

## Release Date: 6/3/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.27
* Crow IPMApplication Version 2.1.3.26
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.18
* Gira Device Package : 1.0.335.0
* XSD version 1.0.0.8
* GPA Version 2.0.6187

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.49 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.11 | 1B |

Changes:

1. Bypass logging is now implemented
2. KeyPad group 4 for detectors is implemented
3. Camera Profiles is now supported
4. IsGlobal parameter of output is now supported
5. Inevitability mode features are supported
6. Tamper & Low Battery component events for external devices are fixed
7. Arming priority is available
8. new log events: Arm Away Keyfob & Arm Stay Keyfob

## Release Date: 25/2/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.27
* Crow IPMApplication Version 2.1.3.26
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.18
* Gira Device Package : 1.0.335.0
* XSD version 1.0.0.8
* GPA Version 2.0.6187

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.48 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.11 | 1B |

Changes:

1. history log in KeyPad is implemented
2. Added KeyPad group 4 events
3. Browsing on KeyPad is implemented
4. fixed ghost component (not paired) in refresh components command bug
5. PirCam profile is now supported
6. Arming/Disarming notification on sirens fixed
7. fix "Is normaly closed" bug of inputs of the CU
8. XSD - some documentation were added

## Release Date: 17/2/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.26
* Crow IPMApplication Version 2.1.3.25
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.17
* Gira Device Package : 1.0.332.0
* XSD version 1.0.0.8
* GPA Version 2.0.6068

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.46 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.11 | 1B |

Changes:

1. Added xml validations
2. no need to copy xsd to /opt/userdata
3. added validation of component ids in IpmApp
4. added parameter true/false for learn device command
5. new parser for events & commands messages - fixed few bugs

## Release Date: 8/2/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.25
* Crow IPMApplication Version 2.1.3.24
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.17
* Gira Device Package : 1.0.325.0
* XSD version 1.0.0.8
* GPA Version 2.0.6068

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.44 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.11 | 1B |

Changes:

1. fixed parsing of Time Zone slots for vital alarm
2. fixed handling of stuck events buffer in Crow Library
3. removed duplicate Configure MCU control command codes
4. added debug messages for configuration parsing processing

## Release Date: 3/2/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.24
* Crow IPMApplication Version 2.1.3.23
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.17
* Gira Device Package : 1.0.321.0
* XSD version 1.0.0.8
* GPA Version 2.0.6068

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.44 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.11 | 1B |

Changes:

1. Any user except installer can deactivate alarms.
2. PirCam Profile can be changed.
3. I/O Module Normally Open & Normally Closed are now working.
4. New KeyPad release.
5. Double Panic Event is now working.
6. Technical Alarm & Technical Alarm Urgent bug fix.
7. Arming after Bypass bug fix.

## Release Date: 2/2/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow

The Package includes:

* CrowLibrary Version 2.1.2.24
* Crow IPMApplication Version 2.1.3.23
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.17
* Gira Device Package : 1.0.321.0
* XSD version 1.0.0.8
* GPA Version 2.0.6068

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.43 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.10 | 1B |

Changes:

1. Validation of Xml is removed for the time being.
2. resolving phisycal events with Ack commands is fixed and it clears the area alarm state.

## Release Date: 1/2/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow (revision 41876)

The Package includes:

* CrowLibrary Version 2.1.2.24
* Crow IPMApplication Version 2.1.3.22
* Crow MCU Version 2.1.3.42
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.17
* Gira Device Package : 1.0.321.0
* XSD version 1.0.0.8
* GPA Version 2.0.6068

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.29 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.5.10 | 1B |

Changes:

1. Resolve Alarm from KeyPad fixed.
2. as2config.xsd should be added to device package - /opt/userdata/as2config.xsd

## Release Date: 28/1/2016

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemCrow (revision 41876)

The Package includes:

* CrowLibrary Version 2.1.3.28
* Crow IPMApplication Version 2.1.3.18
* Crow MCU Version 2.1.3.29
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.6.16
* Gira Device Package : 1.0.308.0
* XSD version 1.0.0.8
* GPA Version 2.0.6068

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.4.29 | 4A |
| RF Module | 4.6.0.23 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.2.0.15 | 3 |
| Magnet | 0.6.0.7 | 4A |
| Technical Contact | 0.6.0.7 | 4A |
| Indoor Siren | 0.6.0.6 | 2 |
| Outdoor Siren | 0.6.0.6 | 2 |
| I/O Device | 1.1.0.11 | 2B |
| Keyfob | 0.2.0.3 | 1A |
| GBD | 1.4.0.21 | 1B |
| LCD Keypad | 1.0.4.0 | 1B |

Changes:

1. PIRCam Buxfixed and support.
2. Changed arming logic behaviour to be align to https://conf.ise.de/display/AS2/AS2+-+Arming+and+Bypass+over+API
3. fixes issues: (ASCBT-110)
4. Added Logic to handle events acknowledged and deactivation.
   * Events can be viewed using the RefreshEventsAPI.
   * Event can be deactivated and can be resolved on single API call on the interface.
5. Keypad additional functions:
   * System Info
   * View event log history
   * Event can be deactivated
   * 4.4.Events can be Acknowledged

## Release Date: 17/12/2015

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemApplications/Main/Sources/McuApi/trunk (revision 41076)

The Package includes:

* CrowLibrary Version 2.1.2.18
* Crow IPMApplication Version 2.1.3.18
* Crow MCU Version 2.1.3.25
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.5.10
* XSD version 1.0.0.5
* GPA Version 2.0.5436

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.3.25 | 4 |
| RF Module | 4..5.1.19 | 3A |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.0.0.11 | 3 |
| Magnet | 0.6.0.7 | 4 |
| Technical Contact | 0.6.0.7 | 4 |
| Indoor Siren | 0.5.0.5 | 2 |
| Outdoor Siren | 0.5.0.5 | 2 |
| I/O Device | 1.1.0.8 | 1 |
| Keyfob | 0.2.0.3 | 7 |
| GBD | 1.3.3.15 | 1B |
| LCD Keypad | 1.0.4.0 | 1B |
| Door Module | 1.0.1.0 | 2 |

Changes:

1. PIRCam support.

Open Issues:

1. McuControl::fetchCurrentConfiguration() interface function is not yet implemented
2. McuObserver::onKeyfobStateChanged() interface function is not yet implemented
3. It is possible to configure the alarm system while it is armed - bug ASCBT-81 - still open
4. Wrong arming and alarming behavior - bug ASCBT-110 - still open
5. Arm after Bypass leads to Arm failure - story ASCBT-96 - still open
6. Change exit delay behavior - story ASCBT-95 - still open
7. Wrong handling of entry / exit delay time for stay armed mode - bug ASCBT-122 - still open

## Release Date: 26/11/2015

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemApplications/Main/Sources/McuApi/tags/2.1.1.11

The Package includes:

* CrowLibrary Version 2.1.1.17
* Crow IPMApplication Version 2.1.2.17
* Crow MCU Version 2.1.2.24
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.5.10
* XSD version 1.0.0.5
* GPA Version 2.0.5030

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.2.24 | 4 |
| RF Module | 4..5.1.19 | 2 |
| PIR | 0.4.0.5 | 3 |
| PIRCam | 1.0.0.11 | 3 |
| Magnet | 0.6.0.7 | 4 |
| Technical Contact | 0.6.0.7 | 4 |
| Indoor Siren | 0.5.0.5 | 2 |
| Outdoor Siren | 0.5.0.5 | 2 |
| I/O Device | 1.1.0.8 | 1 |
| Keyfob | 0.2.0.3 | 7 |
| GBD | 1.3.3.15 | 1B |
| LCD Keypad | 1.0.4.0 | 1B |
| Door Module | 1.0.1.0 | 2 |

Changes:

1. Technical contact does not trigger burglar alarm - ASCBT-106
2. sendConfiguration leads to missing onCommandDone event - ASCBT-109
3. IO Module not working - ASCBT-101
4. Fixed exit delay times - ASCBT-112
5. Keyfob always arms after second try after commissioning - ASCBT-111
6. Implement logging functionality in sw components running on IPM - ASCBT-58

Open Issues:

1. McuControl::fetchCurrentConfiguration() interface function is not yet implemented
2. McuObserver::onPictureEvent() interface function is not yet implemented
3. McuObserver::onDateTimeEvent() interface function is not yet implemented
4. McuObserver::onKeyfobStateChanged() interface function is not yet implemented
5. It is possible to configure the alarm system while it is armed - bug ASCBT-81 - still open
6. Wrong arming and alarming behavior - bug ASCBT-110 - still open
7. Arm after Bypass leads to Arm failure - story ASCBT-96 - still open
8. Change exit delay behavior - story ASCBT-95 - still open
9. Wrong handling of entry / exit delay time for stay armed mode - bug ASCBT-122 - still open

## Release Date: 18/11/2015

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemApplications/Main/Sources/McuApi/tags/2.1.0.10

The Package includes:

* CrowLibrary Version 2.1.1.16
* Crow IPMApplication Version 2.1.0.15
* Crow MCU Version 2.1.1.21
* Crow MCU UpdateFirmware Version 1.6.2.67

Compatibility:

* CrowLibraryInterface Version 1.0.5.10
* XSD version 1.0.0.5
* GPA Version 2.0.5030

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.0.18 | 3 |
| RF Module | 4..5.1.19 | 2 |
| PIR | 0.3.0.4 | 3 revision - 40399 |
| Magnet | 0.4.0.5 | 4 |
| Technical Contact | 0.4.0.5 | 4 |
| Indoor Siren | 0.5.0.5 | 2 |
| Outdoor Siren | 0.5.0.5 | 2 |
| I/O Device | 1.0.1.2 | 1 |
| Keyfob | 0.2.0.2 | 6 |
| GBD | 1.4.0.18 |  |
| LCD Keypad | 1.0.4.0 |  |

Changes:

1. Wrong "supervision missing" for PIR - ASCBT-72
2. Learn mode: CUET\_LEARN\_MODE bit not inverted after timeout - ASCBT-107
3. Inputs are not working on ControlUnit - ASCBT-97
4. McuControl method stopListening() never terminate - ASCBT-103
5. When external detectors are enabled the send configuration fails cause MCU cannot parse technical contacts used as external detectors in the as2config (bug in MCU) - ASCBT-91
6. Firmware Update fails - ASCBT-93
7. Get version number from MCU does not work - ASCBT-99
8. Implement acknowledged IPMApp <-> MCU Protocol - ASCBT-100
9. McuControl::fireComponentEvent() interface function is implemented

Open Issues:

1. McuControl::fetchCurrentConfiguration() interface function is not yet implemented
2. McuObserver::onPictureEvent() interface function is not yet implemented
3. McuObserver::onDateTimeEvent() interface function is not yet implemented
4. McuObserver::onKeyfobStateChanged() interface function is not yet implemented
5. Technical contact does not trigger burglar alarm - bug ASCBT-106 - still open
6. sendConfiguration leads to missing onCommandDone event - bug ASCBT-109 - still open
7. IO Module not working - ASCBT-101 - still open
8. Fixed exit delay times - ASCBT-112 - still open
9. It is possible to configure the alarm system while it is armed - bug ASCBT-81 - still open
10. Keyfob always arms after second try after commissioning - bug ASCBT-111 - still open

## Release Date: 22/10/2015

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemApplications/Main/Sources/McuApi/tags/2.1.0.9

The Package includes:

* CrowLibrary Version 2.1.1.15
* Crow IPMApplication Version 2.1.0.13
* Crow MCU Version 2.1.0.18
* Crow MCU UpdateFirmware Version 1.3.1.40

Compatibility:

* CrowLibraryInterface Version 1.0.5.10
* XSD version 1.0.0.5
* GPA Version 2.0.4160

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.1.0.18 | 3 |
| RF Module | 4..4.0.16 | 2 |
| PIR | 0.3.0.4 | 3 |
| Magnet | 0.4.0.5 | 4 |
| Technical Contact | 0.4.0.5 | 4 |
| Indoor Siren | 0.5.0.5 | 2 |
| Outdoor Siren | 0.5.0.5 | 2 |
| I/O Device | 1.0.1.2 | 1 |
| Keyfob | 0.2.0.2 | 6 |
| GBD | 1.4.0.18 |  |
| LCD Keypad | 1.0.4.0 |  |

Changes:

1. Entry Delay is supported
2. Exit Delay is supported
3. Arm Stay from Keypad is supported
4. most of the System Events siren configurations, IsArmingPossibleWhileOngoing are supported
5. Panic Alarm, Fire Alarm & Medical Alarm supported from Keypad
6. User management is supported
7. Bypassing from Keypad is supported
8. Change user code from Keypad is supported
9. Enable/Disable user from Keypad is supported
10. Two Trigger componet event is supported
11. There is no component event send, if the COMPONENT\_EVENT\_TYPE is CET\_NONE - bug ASCBT-65 - fixed
12. Wrong RSSI value of components - bug ASCBT-66 - fixed
13. Detected events for components - bug ASCBT-44 - fixed
14. Tamper events are just transmitted, if the value changes to 1 - bug ASCBT-43 - fixed
15. Method returns address of local variable - bug ASCBT-84 - fixed
16. Wrong alarm states are evented via MCU-API - bug ASCBT-80 - fixed
17. Wrong technical contact eventType in response of sendCommand(REFRESH\_COMPONENT\_STATUS\_COMMAND) - bug ASCBT-78 - fixed
18. CrowLibrary crashes after some time - bug ASCBT-77 - fixed
19. Technical contact sends wrong events via MCU-API - bug ASCBT-70 - fixed
20. No OnCommandDone events for sendCommand REFRESH\_xxx - bug ASCBT-64 - fixed
21. No OnCommandDone event for sendCommand CONFIGURE\_MCU - bug ASCBT-63 - fixed
22. Fix missing supervision bug for Inputs and Outputs - bug ASCBT-62 - fixed
23. missing command done event for send configuration - bug ASCBT-60 - fixed
24. command done event id's does not match the id from the refresh comand - ASCBT-59 - fixed
25. IPM App Crash getting configuration - ASCBT-57 - fixed

Open Issues:

1. McuControl::fireComponentEvent() interface function is not yet implemented
2. McuControl::fetchCurrentConfiguration() interface function is not yet implemented
3. McuObserver::onPictureEvent() interface function is not yet implemented
4. McuObserver::onDateTimeEvent() interface function is not yet implemented
5. McuObserver::onKeyfobStateChanged() interface function is not yet implemented
6. Missing log files and entries - bug ASCBT-67 - still open
7. Wrong "supervision missing" for PIR - bug ASCBT-72 - still open
8. IPMApp crash - bug ASCBT-76 - still open
9. It is possible to configure the alarm system while it is armed - bug ASCBT-81 - still open

## Release Date: 17/9/2015

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemApplications/Main/Sources/McuApi/tags/2.0.0.8

The Package includes:

* CrowLibrary Version 2.0.1.11
* Crow IPMApplication Version 2.0.1.10
* Crow MCU Version 2.0.1.9
* Crow MCU UpdateFirmware Version 1.3.1.40

Compatibility:

* CrowLibraryInterface Version 1.0.5.9
* XSD version 1.0.0.5
* GPA Version 2.0.4132.41163

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.0.1.9 | 3 |
| RF Module | 4..1.2.11 | 2 |
| PIR | 0.1.0.1 | 3 |
| Magnet | 0.4.0.5 | 4 |
| Technical Contact | 0.4.0.5 | 4 |
| Indoor Siren | 0.4.0.5 | 2 |
| Outdoor Siren | 0.4.0.5 | 2 |
| I/O Device | 1.0.1.2 | 1 |
| Keyfob | 0.2.0.2 | 6 |

Changes:

1. No OnCommandDone events for sendCommand REFRESH\_xxx - bug ASCBT-64 - fixed
2. command done event id's does not match the id from the refresh comand - bug ASCBT-59 - fixed
3. IPM App Crash getting configuration - bug ASCBT-57 - fixed
4. log message for xml path and filename was increased to 500 chars
5. MCU heap size increased

Open Issues:

1. McuControl::fireComponentEvent() interface function is not yet implemented
2. McuControl::fetchCurrentConfiguration() interface function is not yet implemented
3. McuObserver::onPictureEvent() interface function is not yet implemented
4. McuObserver::onDateTimeEvent() interface function is not yet implemented
5. McuObserver::onKeyfobStateChanged() interface function is not yet implemented
6. Missing log files and entries - bug ASCBT-67 - still open
7. There is no component event send, if the COMPONENT\_EVENT\_TYPE is CET\_NONE - bug ASCBT-65 - still open
8. Wrong RSSI value of components - bug ASCBT-66 - still open
9. Detected events for components - bug ASCBT-44 - still open
10. Tamper events are just transmitted, if the value changes to 1 - bug ASCBT-43 - still open

## Release Date: 25/8/2015

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemApplications/Main/Sources/McuApi/tags/2.0.0.7

The Package includes:

* CrowLibrary Version 2.0.0.10
* Crow IPMApplication Version 2.0.0.8
* Crow MCU Version 2.0.0.7
* Crow MCU UpdateFirmware Version 1.3.1.40

Compatibility:

* CrowLibraryInterface Version 1.0.5.9
* XSD version 1.0.0.5
* GPA Version 2.0.2952

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel | 2.0.0.7 | 3 |
| RF Module | 4..1.2.11 | 2 |
| PIR | 0.1.0.1 | 3 |
| Magnet | 0.4.0.5 | 4 |
| Technical Contact | 0.4.0.5 | 4 |
| Indoor Siren | 0.4.0.5 | 2 |
| Outdoor Siren | 0.4.0.5 | 2 |
| I/O Device | 1.0.1.2 | 1 |
| Keyfob | 0.2.0.2 | 6 |

Changes:

1. Support New Control Panel ver. 3
2. API changes (configuration sending is now in a command)
3. New XSD (version 1.0.0.5)
4. Technical and magnet contact malfunction - bug ASCBT-38 - only section 1 is fixed
5. PIR malfunction - bug ASCBT-39 - fixed
6. Indoor siren is ignored by system - bug ASCBT-41 - fixed
7. Disarm is not possible - bug ASCBT-42 - fixed

Open Issues:

1. McuControl::fireComponentEvent() interface function is not yet implemented
2. McuControl::fetchCurrentConfiguration() interface function is not yet implemented
3. McuObserver::onPictureEvent() interface function is not yet implemented
4. McuObserver::onDateTimeEvent() interface function is not yet implemented
5. McuObserver::onKeyfobStateChanged() interface function is not yet implemented

## Release Date: 2/7/2015

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemApplications/Main/Sources/McuApi/tags/1.0.0.3

The Package includes:

* CrowLibrary Version 1.0.0.9
* Crow IPMApplication Version 1.0.0.7
* Crow MCU Version 1.0.0.5
* Crow MCU UpdateFirmware Version 1.3.1.40

Compatability:

1. CrowLibraryInterface Version 1.0.4.8
2. XSD version 1.0.0.4
3. GPA Version 2.0.2952

Versions:

|  |  |  |
| --- | --- | --- |
| **Device** | **SW version** | **HW version** |
| Control Panel |  | 2 |
| RF Module | 3.0.3.5 | 1 |
| PIR | 0.1.0.1 | 3 |
| Magnet | 0.3.0.4 | 4 |
| Technical Contact | 0.3.0.4 | 4 |
| Indoor Siren | 0.1.0.5 | 2 |
| Outdoor Siren | 0.2.0.2 | 2 |
| I/O Device | 1.0.1.2 | 1 |
| Keyfob | 0.2.0.2 | 6 |

Changes:

1. API support for refresh commands
2. API support for bypass command
3. API support for learn mechanism
4. support for PIR, Magnet, Technical, I/O Module, indoor siren, outdoor siren & Keyfob
5. Reset is being made to the MCU after Configuration sending
6. Sabotage, Burglary, Panic & Technical alarm support

## Release Date: 4/5/2015

SVN Location: https://subversion.ise.de/svn/gira/AlarmSystemApplications/Main/Sources/McuApi\_New/tags/1.0.0.2

The Package includes:

* CrowLibrary Version 1.0.2.6
* Crow IPMApplication Version 1.0.0.2
* Crow MCU Version 1.0.0.2
* Crow MCU UpdateFirmware Version 1.3.1.40

Changes:

1. API support picture transfer via pirCam
2. onConfigurationDone event support
3. UserCode change control command support
4. Security Area parameter in Arm command support
5. the MCU sends events to the IP Module only after it receives IPM ready message
6. Added support for Component Event Command
7. Added support for Date/Time change command
8. Building & Running instructions have been moved to docs folder
9. Added UpdateFirmware Application that support update to the MCU firmware and reset to the MCU.
10. Moved to folder McuApi\_New - All versions will be deployed via tags

## Release Date: 17/2/2015

SVN Revision: https://subversion.ise.de/svn/gira/AlarmSystemApplications/Main/Sources/McuApi\_New/tags/1.0.0.1

The Package includes:

* CrowLibrary Version 1.0.0.4
* CrowDummyApp Version 1.0.0.4
* Crow IPMApplication Version 1.0.0.1

Package compatibility:

* Crow MCU Version 1.0.0.1

The Package Support the following:

1. Sending XML configuration to MCU

XML supported nodes:

a. 120 Components of Types:

1) PIR

2) CamPir

3) GBD

4) Technical Contact

5) Magnet

6) Indoor Siren

7) Outdoor Siren

8) IO Device.

b. 64 Users

c. 64 Keyfobs

d. 1 Security Area.

1. Keyfod can Arm the Area 0
2. Arm/Disarm Area 0 Command From API to the System
3. Receiving event from Library

* Tamper Event (Sabotage)
* Detection Event (Burglary)
* Arming state changed.