

## ChangeLog Version 3.5.6

Improved performance and stability.

## ChangeLog Version 3.5.5

**Fixed:** CUBEVISION: Error in the display of the elements switch/dimmer and RGB color selector. Error fixed

**Fixed:** CONTROL L: RGB color selection did not work for DPT 232.600. Error fixed

**Fixed:** CUBEVISION: Logik Editor Plugin; Clock time adjustments are now saved in the central view. Error fixed

**Fixed:** CUBEVISION: Logik Editor Plugin; Display problems; the font was not displayed in the Value configuration window. Only when you hovered over it with the mouse the font did appear. Error fixed

## ChangeLog Version 3.5.4

**Fixed:** CONTROL L: Date/Time Display in combination did not work. Error fixed

**Fixed:** CONTROL L: Embedded CUBEVISION (CUBEVISION Element) does not load projects completely. Error fixed

**Fixed:** Restore via the ConfigTool with a large backup or when the Internet connection was too slow was interrupted. Error fixed

**Fixed:** LOGIK EDITOR: Logic Engine Lua Job > Loading / saving properties didn't work. Error fixed

**Fixed:** LOGIK EDITOR: Logic Engine Lua Job > Gate input as the only trigger (without any input) did not work. Error fixed.

## ChangeLog Version 3.5.3

**NEW:** CUBEVISION: Added default values for Axis cameras with and without PTZ. Simple integration of Axis cameras via "Plug and Play".

**NEW:** LOGIK EDITOR: Loop detection in logic groups. Detects potential loops in connections as well as data points

**Implemented:** LOGIK EDITOR: New logic groups always require a name

**Implemented:** LOGIK EDITOR: Better indication of the deployment state of a logic group (Online / Working Copy)

**Implemented:** LOGIK EDITOR: Simulation: Value inputs now have a button for setting values in simulation mode. The previous double-click method has been removed.

**Implemented:** LOGIK EDITOR: System > Data Points: Added a notice when a user tries to import a password-protected project

**Fixed:** LOGIK EDITOR: Logic elements > Input Filters > Input filters can now also be set to Boolean "false".

**Fixed:** LOGIK EDITOR: Logic element Lua Script > Fixed "Send on Gate Enable" error

**Fixed:** LOGIK EDITOR: Dashboard > Prematurely aborted LUA Scripts due to a new input events will no longer produce an error entry in the log

- Fixed:** LOGIK EDITOR: Logic element Scene > Less strict type checks when saving values in the inputs. (IN1 ...) can be assigned different data types.
- Fixed:** LOGIK EDITOR: Logic element Astrotimer > Gate behaviour was fixed to “Send last missed value per output”, regardless of the selected option. Moreover, the sent value could be from a future event in some cases.
- Fixed:** LOGIK EDITOR: Behaviour on Gate enable – Output values will be sent according to the configuration.
- Fixed:** LOGIK EDITOR: System > Data Points > Data points with individual value range can be used consistently
- Fixed:** LOGIK EDITOR: System > Data Points > Fixed interpretation errors in DPT10 and DPT11.
- Fixed:** LOGIK EDITOR: System > Data Points > Fixed not loading data points which have no group addresses. Data points that cannot be loaded due to faulty configuration will produce a message in the dashboard.
- Fixed:** LOGIK EDITOR: Central Calendar > Events were sometimes not evaluated as expected in the logic elements Weekly Timer, Astrotimer and Calendar.
- Fixed:** LOGIK EDITOR: Initial values for data points will be used in logic groups consistently.
- Fixed:** CONTROL L: Fixed display issues of the value display in combination with the LOGIK EDITOR plugin.
- Fixed:** CUBEVISION: Fixed display issues of the weekly timer in combination with the LOGIK EDITOR plugin.

**Fixed:** Stabilized runtime behaviour during high telegram load:

- Improved Watch Dog reactions
- Added redundant boot mechanisms of drivers
- Added consistency checks for telegram storage

Online Help: the online help has been updated

## ChangeLog Version 3.5.1

- **NEW:** LOGIK EDITOR: Exportable project documentation.
- **NEW:** LOGIK EDITOR: Time and Date function for the Lua Script Logic element.
- **NEW:** CUBEVISION APP: LOGIK EDITOR Weekly Timer is configurable now (since App Version 1.0.16).
- **NEW:** Visualisation: Extended Temp. Control Element with data type DPT 7.001.
- **Implemented:** LOGIK EDITOR: Added button to bulk delete log messages by type.
- **Implemented:** KNXnet/IP Server: Improved stability and performance.
- **Fixed:** LOGIK EDITOR: Issue where modal dialogs would occasionally not fully disappear after closing.
- **Fixed:** LOGIK EDITOR: Malfunction when a different BMX port is used.
- **Fixed:** LOGIK EDITOR: Runtime data of logic groups is not saved.
- **Fixed:** LOGIK EDITOR: Deleting the last calendar of the central calendar does not work.
- **Fixed:** LOGIK EDITOR: Reference time of the Cyclic Sender only shows UTC time.
- **Fixed:** LOGIK EDITOR: Malfunction while planning switch times in the Astro timer.

- **Fixed:** LOGIK EDITOR: Under certain circumstances, a custom simulation start time leads to a malfunction.
- **Fixed:** CUBEVISION: A PIN Code protection cannot be removed.
- **Fixed:** CONTROL L: When the visualisation is zoomed, sliders do not work.
- **Fixed:** CONTROL L: Removed the CSS setup menu which is shown for five seconds during launch.

**NOTE: Please remember, especially when using the integrated web update mechanism, that an update will also restore the standard port configuration. If you perform an update remotely, you thus risk locking yourself out.**

## ChangeLog Version 3.5.0

- **NEW:** LOGIK EDITOR: Web application for editing logics and automatisation functions
- **NEW:** LOGIK EDITOR: New functions: Data Converter, Lua Script, Logic Gate, Ordered Output, Statistics, Transformator, Value Store.
- **NEW:** LOGIK EDITOR: Redesigned functions compared to jobs in the Job-Editor: Astrotimer, Binary Logic, Calendar, Clock, Comparator, Cyclic Sender, Data Converter, Delayer, HTTP-Request incl. evaluation by "Text Processor", Mathematics, Scene, Staircase Timer, Threshold, Weekly Timer.
- **NEW:** LOGIK EDITOR: Import of KNX project files
- **NEW:** CUBEVISION: New element "Logic Editor Plugin" to access LOGIK EDITOR Weekly Timer from the visualisation.
- **NEW:** CONTROL L: New element "Logic Editor Plugin" to access LOGIK EDITOR Weekly Timer & Astro Timer from the visualisation.
- **NEW:** Integrated update functionality via web interface and the opportunity to perform incremental updates with future versions
- **Implemented:** Compatibility mode for RGBW control of the DUO DMX GATEWAY
- **Implemented:** CUBEVISION: Visualisation element "Cooling Blue" for the button group allows for blue highlighting when switching the cooler.
- **Fixed:** CUBEVISION: When using Chrome on desktop systems visualisation is stuck at the mouse pointer.
- **Fixed:** When operating with DHCP, the wrong IP address is submitted to the ETS.

## ChangeLog Version 3.4.5

- **NEW:** CUBEVISION: New option for the operation mode of setpoint presetting. Setting the Base preset setpoint and displaying the current setpoint is now possible via separate communication objects.
- **Implemented:** Time zone Thailand/Bangkok
- **Implemented:** Swedish Localization
- **Fixed:** KNXnet/IP Tunneling Connection with Powernet hardware model: Connecting and reading device information is working again. Programming devices is not possible with ETS 5.5.2 due to an error in the ETS. Please use ETS 5.5.3.
- **Fixed:** CUBEVISION: Faulty 3D representation in Chrome V53 and Firefox

- **Fixed:** HTTP Request Job: Response Length setting is not being applied, which prevents certain value types from being evaluated
- **Fixed:** Status notification job: Configured camera snapshots without authentication prevent the execution of the job & camera snapshots are not being shown in the log
- **Fixed:** Configuration: Time zone is not always set correctly for installation locations outside central Europe (CET)
- **Fixed:** Java Visualization: Switching not possible since version 3.4.2 if user administration is not activated
- **Fixed:** Home Page: Checkbox „Do not show this again“ is not working as expected

## ChangeLog Version 3.4.4 (Service Release)

- **Implemented:** Adjusted the VPN SSL-Server to support the iOS OpenVPN client
- **Fixed:** Problems with sending SMS in devices with integrated GSM-Module

## ChangeLog Version 3.4.3 (Service Release)

- **Implemented:** Increased the data security when accessing the device via Internet

## ChangeLog Version 3.4.2

- **NEW:** Responsive home page for the EIBPORT which includes information on the new BAB STARTER
- **NEW:** EnOcean profile for outdoor motion and brightness sensor Eltako FABH65S
- **NEW:** EnOcean profile D2-03-20 (Beacon with vibration detection)
- **NEW:** CUBEVISION: Optional Quick Floor Navigation which optimises the performance on mobile devices
- **NEW:** CUBEVISION: Selective import of individual CUBEVISION projects from EIBPORT backups; including the corresponding background images
- **NEW:** CUBEVISION: 1 bit and 1 byte switches can be secured with a pin code
- **Implemented:** Retrieving physical addresses over KNXnet/IP Tunneling
- **Implemented:** Simultaneous selection and upload of multiple images to the EIBPORT
- **Implemented:** eKey job permits execution of multiple functions with a single user-finger-combination
- **Implemented:** CUBEVISION: group addresses for playlist browsing and control in a manually configured multimedia element
- **Implemented:** CONTROL L: optical feedback when interacting with shape elements
- **Fixed:** The KNXnet/IP Tunnelling interface does not appear automatically in ETS 5 by default
- **Fixed:** Errors in connection handling with ETS 5 if NAT mode is enabled
- **Fixed:** EIS3 and EIS4 telegrams do not appear in the bus monitor
- **Fixed:** internal ids > 9 for EnOcean profile 07-20-01 are invalid (**NOTE:** After the update you will have to delete all devices with profile 07-20-01, and create them once again. If you have any questions about this, please contact our support: [info@bab-tec.de](mailto:info@bab-tec.de))
- **Fixed:** Job tree is closed as soon as you save a job

- **Fixed:** New status notification jobs only appear in visu editor after restarting the editor
- **Fixed:** Status notification job missing in job editor's icon toolbar
- **Fixed:** CUBEVISION: extended element views (EEV) contain data from other extended element views after switching between them
- **Fixed:** CUBEVISION: album art display does not work in a manually configured multimedia element
- **Fixed:** CONTROL L: wrong values in visualisation after a client device wakes up from standby
- **Fixed:** CONTROL L: pinch to zoom not working with fullscreen background images
- **Fixed:** Issued SSL VPN client certificates cannot be revoked
- **Fixed:** The KNXnet/IP Server is now responding with the correct media type information when a Powernet KNX device is used

### ChangeLog Version 3.4.1

- **NEW:** SYSTEM: The KNXnet/IP Tunnelling interface automatically appears in the ETS 5 by default
- **Implemented:** CUBEVISION: “Central OFF” push button is showing active state at value “0”
- **Implemented:** CUBEVISION: New column break with Central View Elements of one room which reach above multiple columns
- **Fixed:** SYSTEM: When using PPTP VPN saving the configuration is possible again
- **Fixed:** CONTROL L: The element “Telegram time” is showing the correct time stamp again
- **Fixed:** CUBEVISION: URL authentication for the camera image is working again
- **Fixed:** CUBEVISION: The text alignment of the “text display” element is adjusted
- **Fixed:** Status Notification Element: Audio notification is working in all visualisations now
- **Fixed:** Status Notification Job Configuration: Fault condition trigger descriptions now properly localized
- **Fixed:** high CPU load on clients when visualization page contains the new slider with plus- / minus buttons (affects 3.4.0)

### ChangeLog Version 3.4.0

- **NEW:** BAB SECURELINK for secure connection between BAB devices (EIBPORT, FACILITY MASTER)
- **NEW:** OpenVPN Server for a tap-proof remote maintenance
- **NEW:** Added new 1-Wire devices. See separate list
- **NEW:** EnOcean Profile for micropelt actuating drive
- **NEW:** Remote Support functionality
- **NEW:** CUBEVISION: EIS 15 Text display
- **NEW:** Status notification job and corresponding visualisation element (Fault message functionality also in CONTROL L)
- **Implemented:** Option “align Text position” in the project settings for aligning text position in Editor (Java) and CONTROL L (Browser)
- **Implemented:** CONTROL L: The factor settings of the diagram values allows up to 6 decimal places now
- **Implemented:** Horizontal arrangement of the visualisation elements Switch, Dimm button, Temperature switch

- **Implemented:** Dimm button is dimming stepwise darker / brighter
- **Implemented:** Additional plus- / minus buttons in order to dimm stepwise for the Slider element
- **Implemented:** CUBEVISION: Time display in the Central View bar
- **Implemented:** Upgrade the ekey implementation with the “rare” protocol of the ekey “multi” product line
- **Implemented:** Extended the bi-directional EnOcean Profile for Eltako FUD14 and FSB14 with absolute dimming and absolute position control
- **Implemented:** Job-Editor: Directory tree in alphabetical order, fold out jobtypes only when jobs are existing and showing ESF data type in the tooltip
- **Implemented:** Performance optimisation of CONTROL L for iOS and Android
- **Implemented:** Optimised storage process for the visualisation user data
- **Implemented:** Optimised stability of the GSM modem
- **Fixed:** CONTROL L: Fixed status indication malfunction if listening group addresses are used and time between client and EIBPORT differs
- **Fixed:** CONTROL L: Malfunction of the min. / max. limiter in the slider element are fixed
- **Fixed:** CUBEVISION: PTZ control and image view functioning again when using http basic authentication in the camera element
- **Fixed:** CUBEVISION: Displaying Central View categories also without restarting the Editor
- **Fixed:** CUBEVISION: By using 3- resp. 4Byte data type for controlling, or using HSB as colour space, the Extended Element View (EEV) of the RGB Element is not longer disabled
- **Fixed:** CUBEVISION: Weather (Internet) element adapted to the new API of openweathermap.org
- **Fixed:** HTTP Request Job: Enable „Match Pattern“ functionality again
- **Fixed:** NTP time server: deleted non available time server (192.53.103.108) from the tooltip
- **Fixed:** Fall back on the wrong operation mode / state by using the comfort extension in the RTR job is fixed
- **Fixed:** Malfunction of the number filter in the SMS receiver job

### ChangeLog Version 3.3.3

- **Fixed:** Tooltip covers (on the touch panel) the "Restart / Exit" menu in the Java visualisation (external window)
- **Fixed:** CUBEVISION will not load completely if images from the EIBPORT project have been deleted
- **Fixed:** Central View: Elements sorted in the wrong category
- **Fixed:** New time units in the “staircase”- and “delay”-job are not working as expected
- **Fixed:** CUBEVISION: after changing the visualisation page, the CUBEVISION is not displayed completely
- **Fixed:** Covers will not be displayed with older versions of LMS
- **Fixed:** DPT1.001 – “bus monitor” visualisation element displaying wrong value (conversion)
- **Implemented:** EIBPORT expand theme and add new icons

### ChangeLog Version 3.3.2

- **Fixed:** "logic"-Job with the function "object" or "nobject" leads to a reboot
- **Fixed:** Overlapping text in the "external logic display"

### ChangeLog Version 3.3.1

- **Fixed:** The staircase lighting timer function starts, when using the same input/output group addresses, a continuous sending of values (value 0)

### ChangeLog Version 3.3.0

- **NEW:** Implemented HTTPS
- **NEW:** CUBEVISION: Support for CUBEVISION APP (Apple APPSTORE, Google Play Store)
- **NEW:** CUBEVISION: New „Phone View“ → optimized view for smaller displays.
- **NEW:** CUBEVISION: Stand alone interface for CUBEVISION (self-scaling), independent of CONTROL L.
- **NEW:** JOB: Universal UDP receiver job with ASCII and binary protocol analysis.
- **NEW:** EnOcean: Implemented new profile for batteryless actuators (HORA Smart Drive)
- **NEW:** EnOcean: Implemented responses of the bidirectional Eltako product series (see separate list)
- **Implemented:** CUBEVISION: Switches and toggles now also have factors.
- **Implemented:** Camera Element: Support for „HTTP Basic Authentication“ (CUBEVISION / CONTROL L).
- **Implemented:** JOB: „Calculate on Enable“ for logic jobs
- **Implemented:** JOB: Larger selection range for delay time.
- **Implemented:** System: Updated internal KNXnet/IP server for ETS 5 compatibility.
- **Implemented:** System: Added „Taiwan“ as possible location of installation.
- **Implemented:** EnOcean: Several new profiles (see separate list)
- **Fixed:** CUBEVISION: Problems when using the „more“ button.
- **Fixed:** CUBEVISION: Problems with displaying incomplete projects.
- **Fixed:** CUBEVISION: Problems operating elements behind a CUBEVISION (in CONTROL L).
- **Fixed:** CUBEVISION: Error when searching for a location id for the weather element via city name or zip.
- **Fixed:** CONTROL L: Browser-based „Remember me“ login functioning again.
- **Fixed:** CONTROL L: Sharper graphics on Hi-DPI displays.
- **Fixed:** CONTROL L: Image element visibility toggle issues.
- **Fixed:** CONTROL L: Display issues in year timer configuration.
- **Fixed:** CONTROL L: Display issues with top consumers element.
- **Fixed:** JOB: Counter job stopped counting internally after being disabled via gate.
- **Fixed:** JOB: E-Mail Testprovider 01 functioning again.
- **Fixed:** JOB: Problems when using the gate object in 1-Wire job.
- **Fixed:** JOB: High load when saving multiple mathematics jobs.
- **Fixed:** JOB: Errors during execution of some mathematics job functions.
- **Fixed:** Editor: Layer ordering when adding multiple visualisation elements involving at least one image.
- **Fixed:** Editor: Updating (and saving) a logic job no longer disassociates existing logic display visualisation elements.
- **Fixed:** Editor: Object style configuration respects global style configuration of project again.

- **Fixed:** Room Allocation Plan module: Problems deleting the group configuration.
- **Fixed:** Blind element: wind alarm object functioning again.
- **Fixed:** EnOcean: Problems in learn mode for devices with ids larger than 0x800.
- **Fixed:** SONOS: Rare issue with volume dimming.
- **Fixed:** System: User permissions „Backup/Restore“ and „EIBPORT Control“ displayed correctly again.
- **Fixed:** Improved English locale throughout the editor and ConfigTool

### ChangeLog Version 3.2.3

- **NEW:** Official Certificate to sign the Java applets implemented. The security warning “Do you really want to run this application” won't appear any more.
- **NEW:** In order to control the “Philips HUE” system, the http-Request Job of the EIBPORT gets the method “PUT”.
- **NEW:** For controlling the “Philips HUE” system, the color picker elements of Java Control, Control L and CubeVision contains “HSB” now.
- **NEW:** CubeVision: The Switch/Dimm element is now enabled for “relative dimming” (4 bit) also.
- **NEW:** EnOcean profile extension: The integrated EnOcean profiles were enhanced for the heating actuators of Kieback & Peter and Thermokon (EEP 07-20-01).
- **Implemented:** PTZ camera control with authentication: In the “HTTP-Request” function of the “Shape element” in Java Control and Control L, as well as in the PTZ control of CubeVisions' camera element, the http “Basic Authentication by URL” is been implemented.
- **Implemented:** EnOcean: In order to use the response notifications from EnOcean push button interfaces (e.g. Eltako FSR16-230V) the usage of “Button Pressed” commands was integrated.
- **Implemented:** CubeVision: Animation of changing floors is designed smoother.
- **Implemented:** CubeVision: Cover images for the Multimedia Element are also shown if the visualisation is used remotely.
- **Implemented:** CodePage 1252 (West Europe) added.
- **Implemented:** Creation of the Job documentation also runs over an context menu within the job structure now.
- **Fixed:** CubeVision: Selection highlighting within the EEV (Extended Element View) is been reset correctly again.
- **Fixed:** CubeVision: The camera element is only showing control elements which were configured really.
- **Fixed:** CubeVision: Play Button for Sonos control is showing the right state at anytime.
- **Fixed:** CubeVision: Not only one cover image is been used for all elements anymore if several multimedia elements are used.
- **Fixed:** CubeVision: Opening the Quick Navigation not longer prevents the usage of normal visualisation icons in the status bar.
- **Fixed:** Control L: Special characters in an RSS feed are displayed correctly now.
- **Fixed:** Control L: In the element “Value Display” single quotation marks are not longer displayed in visualisation mode.
- **Fixed:** Control L / iPad: Switchable text boxes also shown correctly at status “0”.
- **Fixed:** Control L: Saving a lightscene by the Job Editor service element not longer has influence on the delay time.



- **Fixed:** Control L: The datatypes of a light scene are shown correctly now in the Job Editor Service element.
- **Fixed:** KNXnet/IP: Adjusted the behaviour of triggering jobs by KNXnet/IP.
- **Fixed:** KNXnet/IP: Fixed occasionally appearing problems during initiation.
- **Fixed:** KNXnet/IP: Adjusted the handling between KNXnet/IP and facility coupling (job).
- **Fixed:** UPnP/Sonos Control: Also if Sonos devices are disconnected for a longer period from the network the connection is resumed reliable again.
- **Fixed:** Week Timer: The special day settings does not get lost at change of view anymore.
- **Fixed:** Math job: Expression “round()” is working again.
- **Fixed:** 1-Wire Job: Fixed problems when saving a job with more the one 1-Wire devices.
- **Fixed:** 1-Wire Job: Device names are now part of the backup file.
- **Fixed:** 1-Wire Job: The gate group address now works.
- **Fixed:** SO pulse interface: Fixed error occurring if pulses are too fast.

## ChangeLog Version 3.2.2

- **NEW:** „Cyclic Sender“: A new Job to send telegrams cyclically. Further the job is able to send after device start and is capable of “Value Read” telegrams.
- **NEW:** The request interval for image data in the visualisation element “camera” can now be set freely.
- **NEW:** New visualisation element “Windrose” for indicating the wind direction.
- **NEW:** CubeVision: The element “Values / Diagrams” now offers to invert the Y-axis and additional curve types: “Line”, “Area”, “Spline” and “Bar”!
- **NEW:** CubeVision: New input array to enter format and unit for the element “Values / Diagrams”.
- **NEW:** CubeVision: The consumption values of the element “Switch/Dimmer” can be now formatted with factor and offset.
- **Implemented:** CubeVision: The external unit object of the “Temperature / RTR” element now sends absolute EIS 5 values also.
- **Implemented:** CubeVision: The data interface for OpenWeatherMap (Element “Weather (Internet)”) is now updated to version 2.5.
- **Implemented:** Changed the Java library for MAC OS systems to allow access on Sonos/UPnP control and other browser resources also from MAC systems.
- **Fixed:** Layer allocation within the copy of a Embedded Page is now working correctly.
- **Fixed:** Misbehaviour with combined elements out of page link and text is adjusted.
- **Fixed:** Different behaviour with switch able images between Java and Control L visualisation adapted.
- **Fixed:** Control L visualisation is not longer reacting on “Value Read” telegrams.
- **Fixed:** In the visualisation element “Job Editor” it is now also possible to store changes if the corresponding job name contains special characters.
- **Fixed:** Java Visualisation: “Return to startpage” is in function again.
- **Fixed:** In case of floating point values, the response evaluation of the HTTP Request Job delivers the digits behind the decimal point again.
- **Fixed:** Adapted the allocation of ekey UserID and FingerID.
- **Fixed:** The “Now Match” settings of the ekey job will be stored correctly now.

- **Fixed:** The pulse counter Job does not sent telegrams anymore although the gate object is enabled.
- **Fixed:** Adapted the internal handling of the camera image, to avoid its freezing if it is placed over a embedded page within a master page.
- **Fixed:** The “Blind” element in the Control L visualisation does not longer initiate without icons while the wind alarm has the status “0”.
- **Fixed:** The “Shape” element will also send telegrams if a listening group address is been entered.
- **Fixed:** The visualisation element “Logic Display” now has the same behaviour in the Control L - and the Java visualisation if the corresponding group addresses does not get a value before.
- **Fixed:** The “ESF Upload & Management” menu now also saves group addresses with the datatypes “DPT 1.001” and “DPT 1.002”.
- **Fixed:** CubeVision: In the element “Values / Diagrams” the “Back” button is not longer hidden by the animated menu.
- **Fixed:** CubeVision: The selection for the “SB-Control” job in the “Multimedia” element is now updated correctly.
- **Fixed:** CubeVision: The manual configured “Multimedia” element now shows cover images.
- **Fixed:** CubeVision: A “Multimedia” element configured with the Squeezebox control opens the Extended Element View again.
- **Fixed:** CubeVision: Displaying errors of particular elements within the Extended Control Panel shown in Apple iOS are fixed.
- **Fixed:** CubeVision: Value displays which was not configured for the diagram are not shown there anymore.
- **Fixed:** CubeVision: Up / Down arrows are not showing only upwards anymore.
- **Fixed:** CubeVision: The values of the element “Weather (Internet)” are updated properly again.
- **Fixed:** CubeVision: The “Switch / Dimmer” element alternates to the displaying of values again at the end of the dimming procedure (if configured).
- **Fixed:** CubeVision: The elements which are placed above a CubeVision element are usable also by having multiple CubeVision floors.
- **Fixed:** CubeVision: The value input array is not drawn beyond the edging or layered by other elements anymore.

### ChangeLog Version 3.2.1

- **NEW:** ekey Job: The Terminal ID which separates different fingerprint sensors in one network, is now generated automatically in the job mask out of the ekey serialnumber, and is not needed to be calculated manually anymore!
- **NEW:** CubeVision: Background images can be configured with a black frame optionally to separate them neatly from each other.
- **NEW:** CubeVision: The element „Diagram“ gets an „Today“ Button, to reach the current day more easily when scrolling through several days.
- **Implemented:** The language setting of the Control L visualisation now is done on the server side (EIBPORT), because some browsers work unreliable at this point.
- **Implemented:** Restore of projects out of newer firmwares into older firmware will be prevented from now.
- **Implemented:** CubeVision now runs in Mozilla Firefox also.

- **Implemented:** CubeVision: A simple grey gradient is displayed as background, if there is no background image configured for a room.
- **Implemented:** CubeVision: There can also floors with only one room be configured. The one room can then be turned a few grades.
- **Fixed:** The ESF dialogue of the UPnP / Sonos Control is again displaying the right values.
- **Fixed:** After a restore of a project out of a firmware version older than 3.0.0 the user administration is working again. The device has not to be rebooted a second time.
- **Fixed:** The address state of EIS 1 objects for the value „0“ in the Control L visualisation is now also displayed correctly after a visualisation restart.
- **Fixed:** Temperature control button is not sending endless in the chosen direction anymore, if the finger is moved away from the buttons tactile surface during the controlling. Error still exists with the Standard Android Browser on Samsung devices and cannot be fixed there (Please use Google Chrome).
- **Fixed:** In the Control L visualisation the Dimm-button not longer displays the wrong graphics (I/O) if the linked group address does not receives any value until then.
- **Fixed:** The Slider Element in the Control L visualisation not sending values twice or more times and does not affect other sliders anymore.
- **Fixed:** Control L running in Internet Explorer now receives and sent values again after page is changed.
- **Fixed:** CubeVision: The „Time Out“ settings for the element „Diagram“ is now configurable and not longer set to 30 minutes fix.
- **Fixed:** CubeVision: After start of visualisation, the jalousie control is displaying the right state also in „shutter“ - mode.
- **Fixed:** CubeVision: In the settings of the element „Diagram“ the datatype configuration „DPT 1.001“ not longer forces the CubeVision Editor to crash.
- **Fixed:** CubeVision: Setting up a CubeVision visualisation on a PC with Turkish language does not lead into faulty initialisation of some elements.
- **Fixed:** CubeVision: Display errors while browsing through several Extended Control Panel (ECP) – Pages is now also fixed for the browsers „iOS Safari“ and „Android Standard Browser“.
- **Fixed:** CubeVision: The option „Is control“ which turns the elements „Switching / Dimming“, „Push Button“, „RTR“ optionally to only displaying elements, is now working again.

## ChangeLog Version 3.2.0

- **NEW:** Integrate the CubeVision Visualisation by adding a new visualisation element. See [www.cubevision.info](http://www.cubevision.info) for more information.
- **NEW:** Pulse Counter Job: New Job to count the pulses of the SO-pulse Interface or desired KNX telegrams. Further it is possible to count the working hours of the EIBPORT.
- **NEW:** 1-Wire Job: Offers the integration of the 1-Wire devices connected to the EIBPORT USB interface. With it e.g. the usage of 1-Wire temperature sensors or entry systems is possible.
- **NEW:** ekey Job: Served to integrate the network enabled ekey fingerprint sensors. Your own finger will be the front door key.
- **NEW:** Changing the PIN code is now also in the Control L visualisation possible.
- **NEW:** Stopping the Jobs: If accidentally a job loop is programmed, the EIBPORT jobs can disabled globally.

- **Implemented:** The loading process of the Control L visualisation was redesigned in order to achieve shorter loading time.
- **Implemented:** Sonos control: Dimming volume up and down is now also over the new Bush-Jeager switch sensor possible (different typ of 2 bit dim “0x08” instead of “0x09”).
- **Implemented:** The visualisation element “Job Editor” is been automatically started as “integrated Editor” in the Control L visualisation.
- **Implemented:** New option “Background Rendering” in the visualisation project parameters. Offers a pixel accurately display of the element backgrounds either in the Control L as well as in the Java Control visualisation.
- **Implemented:** Logik Jobs: New option “Calculation on Enable” to decide what happens if the job is enabled or disabled by the Gate Group Address.
- **Implemented:** RTR Job always initialise from the address state table although it is disabled in the “System” settings.
- **Implemented:** New menu icon for the “job editor” element and translation of the interface into German language.
- **Implemented:** EnOcean Blind control: Integrated parametrization of the time parameters.
  - **Fixed:** Java Visualisation is again enabled for the Control T software.
  - **Fixed:** Port redirection for the HTTP port is possible again.
  - **Fixed:** Value formatting in the visualisation element “Top Consumer” fixed for the Control L visualisation.
  - **Fixed:** Problems with using different PIN codes in the Control L visualisation fixed.
  - **Fixed:** Allocation error in the EnOcean Blind control fixed.
  - **Fixed:** Function “Automatic Logout” repaired for the Control L visualisation.
  - **Fixed:** The mouse pointer now reliable becomes a hand symbol when it moves over an visualisation element.
  - **Fixed:** Optimized the parallel request of historical data for the visualisation graph element.
  - **Fixed:** Solved the problem to enter values on PIN protected visualisation pages.
  - **Fixed:** Sequence button now sends values again also in the Control L visualisation.
  - **Fixed:** The error in the function “eo\_ga()” is now fixed in the math job.
  - **Fixed:** The error in the function “time()” of the math job was solved.
  - **Fixed:** Visualisation element “Page Link” with used Toollipp offers again a full surface control.
  - **Fixed:** Solved the problem with red marked visualisation elements after usage in the Control L visualisation with iPad / Safari.
  - **Fixed:** Changed “ON” and “OFF” colour indicator of the visualisation element “Logic” is now adapted correctly.
  - **Fixed:** The visualisation element “Telegram time” now shows the right time again.
  - **Fixed:** Sonos volume control: Dimming the volume not longer leads to autonomous action of the controller.
  - **Fixed:** Sonos radio station choice: Problems with playing some individual radio stations solved.
  - **Fixed:** Changing the PIN code within the Java visualisation is possible again.

- **Fixed:** Optimized the Copy & Paste procedure of Embedded Pages. **Attention:** Please re-save your visualisation project after the update on firmware 3.2.0 is done!!

## ChangeLog Version 3.1.1

- **NEW:** The element „Bitbar“ now also displays 2, 3 and 4 byte values.
- **NEW:** The job „lightscene“ now can be parametrised with delay times of 1 / 10 seconds
- **NEW:** The EIBPORT is now been available in a GSM version. With the help of a GSM-module the EIBPORT is able to send and receive SMS messages (SMS Sender Job, SMS Receiver Job).
- **NEW:** The EIBPORT now contains a job for Room-thermostat-control (RTR Job).
- **NEW:** Extended data type settings for the HTTP-Request Job (signed / unsigned).
- **Implemented:** The connection state of the SQL-Database connection now can be retrieved over the EIBPORT service pages.
- **Implemented:** Copy and Paste of elements into smaller Visualisation- or Embedded pages was optimized.
- **Implemented:** The allocated memory for the response of a HTTP-Request can be configured between 1-100 KiB in the HTTP-Request Job mask now.
- **Implemented:** For the HTTP-Request Job the response header „content-length“ can be ignored in order to force an action even if the transfer was corrupted.
- **Implemented:** The internal Web server is been optimized to react on the changes in iOS 6 from Apple. The visualisation now runs independent from iOS version without problems.
- **Implemented:** The view of the project structure is kept even after an Editor restart.
- **Fixed:** The visualisation element „Dalimonitor“ now shows all outputs correctly.
- **Fixed:** Incorrect presentation of switch-able background images is been solved.
- **Fixed:** Background images for Control L now also been displayed proper in Mozilla Firefox.
- **Fixed:** The background images are also displayed without the option „Prevent deformation“.
- **Fixed:** The UPnP configuration now works reliable. Duplicates in the device list are not appearing any more.
- **Fixed:** The path for the data export of the editor telegram history is now been allocated correctly.
- **Fixed:** The data type assignment in the ESF-Dialogue is now been saved properly.
- **Fixed:** Problems with displaying the control elements in Control S are fixed now (grey background).
- **Fixed:** The internal SQLite database is now been written reliable.
- **Fixed:** The function of KNXnet/IP „Tunneling“ is not been influenced by the KNXnet/IP „Routing“ settings any more.
- **Fixed:** Special characters in the project name now also been displayed properly in the java visualisation.
- **Fixed:** The parameter of the element „Web Container“ are displayed correctly now.
- **Fixed:** User data with no or single-digit password are processed correctly now.
- **Fixed:** Temperature Control Button now also send the data type DPT 6.010 properly in the Control L Visualisation.
- **Fixed:** Static camera images which are implemented on a “embedded page” in the Control L visualisation will now be polled cyclically again.