

Release Notes iDFace Max EN-US

Dear all,

I have just released firmware **V7.7.5** for the iDFace Max on the Control iD website. This version is also compatible with its use on the **iDBlock Next**.

The firmware update process is now divided into two stages:

1. All iDFace Max devices with firmware versions earlier than **V7.7.5** will first update to **V7.7.0**.
2. Once on firmware **V7.7.0**, they can then be updated to **V7.7.5**.
 - a. Please note that this is a manual process. It requires executing the firmware update process for the iDFace Max first to **V7.7.0** and then to **V7.7.5**.
3. All iDFace Max devices with firmware **V7.7.5** or newer will follow the standard firmware update process.

This firmware release for the new facial access line can be installed via an internet-connected device update (following the steps above) or downloaded from the following links for USB updating:

- For iDFace Max devices with firmware earlier than **V7.7.0**:
 - First, update with the firmware **V7.7.0**:
https://www.controlid.com.br/cidrk_max/ACFW_V7.7.0.zip
 - Then, update to the latest firmware **V7.7.5**:
https://www.controlid.com.br/cidrk_max/ACFW_V7.7.5.zip
- For iDFace Max devices with firmware **V7.7.0** or later:
 - Update directly to the latest firmware **V7.7.5**:
https://www.controlid.com.br/cidrk_max/ACFW_V7.7.5.zip

All dates in ISO format.

V7.7.5 (2025-09-10)

- **All:** Display of a confirmation window to change the 1:N / 1:1 identification mode on the Embedded Web.
- **All:** Added an option to enable user ID formatting as a Wiegand card (with facility code and card processing).
- **All:** Improved identification timeout response (code 5) when the device is operating in 1:1 mode.
- **All:** Improved Mifare card data processing for transmission via Wiegand.
- **iDFace Max:** Improved OSDP message processing when multiple devices are on the same RS-485 bus, in normal mode, and with the secure channel enabled.

V7.7.4 (2025-09-02)

- **All:** Improved text display on the power settings screen.
- **iDFace Max Mifare:** Improvements in card facility code processing via Wiegand.
- **iDFace Max HID:** Support OMNIKEY Reader Core module firmware update to version 25.A.
- **iDBlock Next:** Support for access code release in SIP call with iDBlock Next.

V7.7.3 (2025-08-28)

- **All:** Improved display of remote server connection error message on firmware update screen.
- **iDFace Max HID:** Device will remain on and active if it is in the OMNIKEY Reader Core module configuration screen, even if it is configured for power saving mode.
- **iDFace Max Mifare:** Improvements in Mifare card data formatting if the equipment is configured for Wiegand 34.

V7.7.2 (2025-08-26)

- **All:** Improved persistence process for reader enable/disable settings.
- **All:** Added a licensing mechanism for OEM partners.
- **All:** Improved bitrate settings for RTSP video transmission.
- **All:** Support for a factory reset button on the recovery screen, without requiring a firmware update.
- **iDFace Max:** Improved handling of access events with pushbutton activation in normal mode and remote interlock mode.

- **iDFace Max Mifare:** Audible indication in case of block and sector reading errors on Mifare cards, if configured to read these elements.
- **iDFace Max HID:** Improved processing of unrecognized card events.
- **iDFace Max HID:** Improved operational robustness of the device in the event of a communication failure with the OMNIKEY Reader Core module.
- **iDFace Max HID:** Improvements to the card reading diagnostic screen for the OMNIKEY Reader Core module via the Embedded Web.
- **iDBlock Next:** Improvements in identifying scenarios required for full synchronization (full_sync) and improvements in session management between Primary, Secondary and with the server in online mode.

V7.7.1 (2025-08-04)

New Feature Highlight:

- **All:** Full support for the new firmware update process.

V7.7.0 (2025-08-01)

New Feature Highlights:

- **All:** New firmware update process.
- **iDBlock Next:** Added Controlled Entry / Blocked Exit operating mode. Useful for combinations where the iDBlock Next is operated with one Primary iDFace, which controls the direction of user flow and whose flow must only follow one direction, preventing exit at that location.

General Improvements:

- **All:** Added changes to user_groups and user_access_rules in the change_logs table.
- **All:** Display of a confirmation window in the menu via display when changing the operating mode from 1:N to 1:1.
- **All:** Improved Wiegand data formatting.
- **All:** Improved screenshot capture by executing the save_screenshot endpoint.
- **All:** Addition of 2 more events to be recorded in the “access_events” table when operating in online mode: ERROR_AUTH_TIMEOUT, when there was a timeout in the server response time, and ERROR_AUTH_JSON when the server response was incomplete or with errors in the JSON response.

V7.6.1 (2025-07-24)

New Highlight Feature:

- **Power Saving Mode for Device Temperature Reduction:**

- If the processor temperature exceeds 100°C, the device will automatically reduce the LCD display brightness to the minimum, decrease the power of the Infrared LEDs to the minimum, and lower the CPU clock to 1 GHz.
- If the processor temperature exceeds 110°C, in addition to the previously adopted measures, the display background animation will be disabled and the USB port will also be disabled.
- When an identification event occurs, the device temporarily returns to normal operation mode (screen brightness, IR, CPU frequency), switching back to power saving mode once it returns to idle state.
- When the temperature drops below 100°C, the device will automatically return to normal operation.

General Improvements:

- **All:** Device can now receive *.ovpn files for OpenVPN configuration.
- **All:** Improved processing of LSB and MSB configurations for reading Mifare card data via external Wiegand readers.
- **All:** Improvements in advertisement mode setup verification in case of upload and/or video file processing failures.
- **All:** Improvements in support and operation with barcode or QR Code readers connected via USB.
- **All:** Improvements in Monitor operation in cases of DNS resolution failures for the configured server and/or internet instability.
- **All:** Improved device behavior when receiving a server response in online mode with the "duress" parameter.
- **All:** Improved display of ASK card data via remote registration through the embedded web, when the device is configured to read ASK card IDs in 40 bits.
- **All:** Improved NTP processing and support for more time zones.
- **iDFace Max:** Improved processing of facility codes received via Wiegand when configured to operate in Wiegand 26.
- **iDFace Max:** Improvements in setup of Wiegand 37 (10302) and Wiegand 37 (10304) modes.
- **iDFace Max:** Improvements in processing access logs when triggering push buttons in remote interlock mode.

- **iDBlock Next:** Improvements in processing of component_id reported by the Secondary unit.

V7.5.2 (2025-06-30)

Highlighted New Features

- **All: Advertisement Mode** – It is now possible to add a video to be played on the embedded display when the device is idle. The video can be loaded via USB drive through the display menu, via the embedded web interface, or via API. The video must be 720p resolution, in MP4 format, and up to 20 MB in size. It is possible to configure which screen elements should appear overlaid on the video (Menu icon, Date and Time, top menu, etc.). Any interaction with the device (identification event/touch on the screen) will interrupt video playback to handle the event. As soon as the device returns to idle state, video playback will resume.
- **All: Configurable watermark in RTSP/ONVIF video streaming** – It is now possible to configure an icon to be displayed as a watermark in RTSP/ONVIF video transmission. The icon can be added via embedded display menu, embedded web interface, or API.
- **All: Simplified import** – Added support for new mechanisms to easily import user photos, supporting CSV file with user images, images with user ID and name, and images with username only.

General Improvements

- **All:** Improvements in SIP video call quality.
- **All:** Improvement in schedule processing for scheduled release.
- **All:** Improvements in server configuration for online mode via embedded display menu and web interface.
- **All:** Improvement in displaying unauthorized event badges.
- **All:** Improvement in re-enabling facial recognition after performing face enrollment via Web or API.
- **All:** Improvements in remote face and card enrollment screens in the embedded web interface in French.
- **All:** Improvements in alignment of some icons in the display menu.
- **All:** Improvement in persistence of `wpa_supplicant` logs for analysis of 802.1x connection feedback.
- **All:** Operational improvement in device contingency entry when `device_is_alive` receives response but the server does not respond to identification events.

- **iDFace Max:** Improvement in processing audio access messages, with access release via push button when the device is operating with remote interlock.
- **iDFace Max HID:** Support for firmware update of the OmniKey Reader Core module directly by the device.
- **iDFace Max HID:** Support for USB communication tunnel to configure the OmniKey Reader Core module through the OmniKey Reader Manager application.
- **iDBlock Next:** Improvements in configuring the operation mode (Primary or Secondary) via the embedded display menu.
- **iDBlock Next:** Improvements in processing identification events with card deposit in the collection box, properly displaying identification messages on both Primary and Secondary device displays.
- **iDBlock Next:** Access logs (`access_logs`) now provide the `component_id` field, allowing mapping whether the identification occurred on iDFace Max Primary, Secondary, or on the Lid with Display when operating in Standalone/Offline mode.
- **iDBlock Next:** Improvement in processing master password authentication via Secondary device display menu when the turnstile is configured to operate in online mode.
- **iDBlock Next:** Improvement in state control (contingency/online) during identification execution and turnstile arm rotation.
- **iDBlock Next:** Improvements in processing internal events while awaiting completion of turnstile arm rotation.

V7.4.14 (2025-06-03)

- **All:** Improvements in `device_is_alive` processing in online mode for device contingency entry.
- **All:** The `save` parameter in remote enrollment execution via API is no longer mandatory.
- **All:** Improvements in execution of `device_is_alive` performed via Monitor.
- **All:** Improvements in Scheduled Release and daylight saving time processing with NTP.
- **All:** SSH disabled by default in normal application. It can be manually enabled for technical support when required.
- **iDFace Max HID:** Improvements in device operation when configured in Template-on-Card mode.

V7.4.13 (2025-05-20)

- **All:** Improvement in displaying the scheduled release status text on the embedded display.
- **All:** Improvement in execution of `device_is_alive` calls via Monitor.
- **All:** Operational improvements in the execution of the `create_or_modify` endpoint.
- **All:** Improvement in TOTP validation for dynamic QR code.
- **All:** Addition of screens for collecting WPA Supplicant logs when the device is configured to operate with 802.1x, available both in the embedded display menu and web interface.
 - *Note: This facilitated log collection will help engineering analysis in cases of integration with various 802.1x networks.*
- **All:** Improvements in the Terms of Use acceptance process required to enable device usage, and consequently, facial and card recognition, both when accepted via the display menu and the embedded web interface.
- **All:** General improvements in translations of display and web menus.
- **All:** Improvement in access logs generated in online mode.
- **All:** Improvement in NSR numbering when exporting AFD with `initial_nsr` and `offset` filters in time clock mode.
- **All:** Improvements in touch processing for stopping streaming on the home screen and in the duration of communication error messages with the server.
- **All:** Usability improvements for configuring 802.1x network properties.
- **All:** Addition of screens for network connection tests in the diagnostics menu, both via display and embedded web interface.
- **All:** Improvements in displaying the search field on the SIP contacts screen.
- **iDFace Max:** Substantial improvements in device operation when configured to operate in OSDP mode.
- **iDFace Max:** Improvement in device operation when the `sec_boxes` object is configured with `relay_timeout=0` (to keep the SecBox unlocked).
- **iDFace Max:** Support for custom code to be sent via Wiegand or OSDP on SIP intercom release events.
- **iDFace Max:** Improvements in user feedback via display during card / face / QR Code / PIN reading events when configured to operate in “Any card/QR Code/PIN” mode.
- **iDFace Max:** Usability improvements when the device operates without SecBox V2 (MAE).
- **iDFace Max:** Improvements in device installation process as PD via OSDP when executed through the embedded web interface.

- **iDBlock Next:** Improvement in usability of the device/turnstile operation mode configuration menu, allowing saving settings before the connection properties section (online, monitor, etc.).
- **iDBlock Next:** Improvement in usability of the Secondary menu via display when the device has no communication with the Primary (Primary removed for repair, restarting, updating, etc.).
- **iDBlock Next:** Improvements in user data synchronization process with the Primary.
- **iDBlock Next:** Improvements in communication performance between Secondary and Primary.
- **iDBlock Next:** Improvement in error feedback when connection to the Primary fails.
- **iDBlock Next:** Improvement in returning `user_id` during synchronous and asynchronous remote enrollment execution.
- **iDBlock Next:** Improvements in processing `user_id` and `save` parameters for remote enrollment via API.
- **iDBlock Next:** Improvements in connection session persistence between Secondary and Primary.
- **iDBlock Next:** Improvements in parameter synchronization with the Primary, supporting new parameters and features (e.g., support for 8 logos, etc.).
- **iDBlock Next:** Improvement in processing turnstile actions (arm rotation).
- **iDBlock Next:** Improvements in blocking new arm rotations until the previously released rotation is fully completed.
 - *Note: Requires updating the control board firmware to V4.0.12, which can be done by accessing “Menu > Access > Turnstile > Turnstile Update”.*

V7.4.5 (2025-04-09)

Highlighted New Features:

- **All:** French language support.
- **All:** Addition of a region selection screen and Terms of Use (EULA) acceptance, available both via web and the embedded display menu. This will appear after the first update to the new version, and after updates with factory reset. This functionality is required for global legal compliance of the device.
- **All:** Addition of a password change screen at first web access of the device, both in the embedded display menu and the web interface.
- **All:** Improvements to network connection with 802.1x, now supporting EAP-TLS mode.

- **All:** Automatic dialing when an unidentified user remains in front of the device. If enabled, when an unidentified user remains for more than 15 seconds (configurable) in front of the device, automatic intercom dialing may be initiated.
- **iDFace Max HID:** Initial support for the new iDFace Max HID model, which integrates the OmniKey Reader Core for reading HID cards such as:
 - HID Proximity;
 - HID iClass® Standard/SE/SR/Seos;
 - MIFARE® Classic, MIFARE DESFire® 0.6, EV1, EV2, EV3 and MIFARE® plus;
 - Support for mobile credentials with HID Mobile Access via Bluetooth or NFC.
- **iDFace Max:** Support for loading up to 8 logos to be selected for display on the device screen.
- **iDFace Max:** Addition of "Scheduled Release" mode, allowing configuration of date/time schedules in which the door controlled by the device will remain unlocked. A Schedule must first be created, and then accessed in the new menu (via display, for example) at [MENU] > [ACCESS] > [NEXT] > [NEXT] > [SCHEDULED RELEASE]. It is possible to choose the message displayed during an active scheduled release event.
- **iDFace Max:** New Wiegand configuration screen in the embedded web interface, supporting custom Wiegand formats and debugging of received Wiegand data.
- **All:** Addition of "random keypad" mode for password and PIN entry. When enabled, each time the password or PIN keypad is opened, the key positions are randomized.
- **All:** Addition of equipment reset mode in case of tampering. If enabled and the device is tampered with, its memory will be reset.
 - *Note: If this option is used, technical staff must be instructed to first disable it before removing the device from the wall for maintenance.*
- **All:** Addition of an option to protect Menu access and/or ID+Password/PIN entry screen against accidental touches. When enabled, the Menu button or central screen area must be pressed for 3 seconds (configurable) to open the Menu or data entry screen.

General Improvements:

- **All:** Addition of an alarm delay option for door open events. After SecBox relay closes, this delay may be considered to trigger an alarm if the door remains open.
- **All:** Support for Panic Password and PIN.
- **All:** Operational improvements when the device is configured to operate in 1:1 mode.
- **All:** Improvements in ONVIF video streaming for better compatibility with video recording software and NVRs.

- **All:** Improvements in device configuration screen when in online mode, now allowing configuration of attributes (such as server IP address) for the remote server, both via Web and embedded display menu.
- **All:** Support for executing and processing batch commands via Push.
- **All:** Addition of endpoint `create_or_modify_objects.fcgi`, now allowing creation or modification of existing records.
- **All:** Support for US date format (mm/dd/yyyy).
- **All:** Addition of an option in both the display menu and web interface to disable the embedded Web interface (while keeping API operation).
- **All:** Addition of “device_is_alive” calls to be executed by Monitor mode when the device is not operating in online mode.
- **All:** Example documentation for OpenVPN configuration is now written in English (for global support).
- **All:** Display activation during remote enrollment via API, when the display auto-off by inactivity option is enabled.
- **All:** Improved error messages for SIP connection status.
- **All:** Improvements in SIP call execution with video when the device is connected in SIP p2p mode.
- **All:** Device Menu access is now allowed even in exception modes (contingency or always unlocked), following the same Menu access validation rules as when an Administrator is registered or the device is in Online mode.
- **All:** Improved facial recognition when the device is processing a pending identification via API in online mode.
- **All:** Improvements in enabling and disabling readers (Face / Card / ID+Password or PIN / QR Code).
- **All:** Improvements in automatically closing pending alert/confirmation windows when the device returns to idle.
- **All:** Improvements in NTP server connection status verification.
- **All:** Improvements in firmware update checks for SecBox V2 or turnstile control board (Next).
- **All:** Device now accepts OpenVPN configuration files in both *.ovpn and *.conf formats.
- **All:** Improved face identification time under both identified and unidentified user conditions.
- **All:** Improved display activation when a remote enrollment call is executed and the display is configured to turn off during inactivity.

- **All:** Identification distance is shown in inches only if the selected region is United States. For other regions, it will be shown in centimeters (cm).
- **All:** Improvements in parameterization of white LED control.
- **All:** Improved device feedback to the user when the server fails to respond to an identification request.
- **All:** Improvements in alarm screens, both in the graphical display menu and in the embedded web interface.
- **iDFace Max:** Added support for Wiegand-64 format.
- **iDFace Max:** Display of SecBox serial number in the SecBox menu.
- **iDFace Max:** Addition of interlock status field in identification event when in online mode.
- **iDFace Max:** Network interlock now considers the network port defined in the device's network properties.
- **iDFace Max:** New "Wiegand-In Passthrough" mode in the Wiegand configuration screen. When enabled, the device forwards data received on WIN0/WIN1 signals directly to WOUT0/WOUT1 of SecBox V2, without local processing.
- **iDFace Max:** Improved processing of tamper alarm events.
- **iDBlock Next:** Improvements in turnstile configuration screens via the embedded web interface.
- **iDBlock Next:** Improved processing of user photos on identification badges when using a Secondary device.
- **iDBlock Next:** Improvements in execution of the `remote_enroll` endpoint when executed asynchronously on iDBlock Next.
- **iDBlock Next:** Improvements in control of turnstile arm rotation solenoids.
 - *Requires updating the control board firmware to V4.0.11, which can be done by accessing "[Menu] > [Access] > [Turnstile] > Turnstile Update"*
- **iDBlock Next:** Improvements in access log mechanisms to record authorized access or access withdrawal.

V7.3.9 (2025-02-10)

- **All:** Improvements in the salt return of the `"user_hash_password.fcgi"` endpoint.
- **All:** Added an option for **touchscreen calibration** when in firmware update mode.
- **iDFace Max:** Improved **interlock logic** for access control during SIP calls.

- **All:** Enhanced **internal relay state verification** for feedback from the "**doors_state.fcgi**" endpoint.
- **All:** Improvements in the **positioning of messages** on identification badges.
- **All:** Optimization in the execution of the "**user_destroy_image.fcgi**" endpoint.
- **All:** Improvements in the **display shutdown logic** when idle.

V7.3.8 (2025-01-27)

- **All:** The **firmware update screen (Recovery)** is now entirely in English, as well as the **Web interface in recovery mode**.
- **All:** Improvements in the **facial identification process**.
- **All:** Enhanced **firmware update process and display** for the **iDBlock Next control board and SecBox V2**.
- **All:** Improved **index validation** for creating **custom punch records**.
- **All:** Improved **event handling for touch interactions** in data entry fields via the embedded display menu.
- **All:** Fixed **device behavior** when receiving **Event 14** via API.
- **All:** Added an option for **SIP protocol selection (TCP or UDP)** in the **intercom configuration screens (display & Web interface)**.
- **All:** Limited the **minimum "request_timeout"** to **2 seconds** when operating in **Online Mode**.
- **iDFace Max:** **Door release via push button** now displays a warning if **access is blocked by remote interlock**.
- **iDBlock Next:** Improvements in the **turnstile arm rotation event processing**.
- Requires updating the control board firmware to **V4.0.10**, which can be done by navigating to:
"Menu > Access > Turnstile > Turnstile Update".

V7.3.7 (2024-12-23)

- **All:** **ONVIF transmission adjustments** to improve compatibility with **NVR software**.
- **All:** **API security improvements** against invalid values.
- **All:** Improved **connection status verification** with the **NTP server**.
- **iDFace Max:** **Facial identification enhancements** related to **camera calibration**.
- **iDFace Max:** **General UI improvements**, including **message positioning and numeric keypad functionality**.
- **iDBlock Next:** Improved **BQC activation timing**.

- **iDBlock Next:** Improved handling of turnstile arm rotation events in sequential access scenarios.

V7.3.6 (22/11/2024)

- **All devices:** new_user_identified event on online mode now reports the user's enrollment field.
- **All devices:** Substantial improvements in the operation of equipment with ONVIF enabled.
- **All devices:** Fixed a rare condition that could cause user photos to be saved in the database with a timestamp of 0.
- **All devices:** Removed blank lines in the session description protocol for RTSP video streaming.
- **All devices:** Improved configuration of the capacitive touch controller for the display.
- **iDFace Max:** Substantial improvements in facial recognition in vehicle mode under low-light conditions.
- **iDBlock Next:** Fixed photo capture transmission in access events on the secondary iDFace Max.
- **iDBlock Next:** When configured as iDBlock Next, the device will not accept the interlocking option.

V7.3.5 (31/10/2024)

- **Key new features:**
 - **iDFace Max:** Added a "Power Settings" menu to configure the device operation in 4 modes: Standard (Source or PoE), External 2A Power, PoE + Lock and Custom.
 - **All devices:** Support for customization of identification event messages (authorized / unauthorized / unidentified / wear mask).
 - **All devices:** Support for remote PIN and Password registration in the embedded system.
 - **All devices:** General improvements in video streaming, now allowing more resolution options, aspect ratios (16:9 and 4:3), "mirrored" video transmission, zoom and vertical adjustment, portrait and landscape video streaming formats, and support for adding a watermark with the device's date and time in video streaming.
 - **All devices:** Improved ONVIF and RTSP video streaming configuration mechanism, now no longer requiring an unit reboot.
- **General Improvements:**
 - **iDBlock Next:** Improved on handling rotation cancellation events.
 - **All devices:** Updated RTC clock with active NTP, to improve time consistency.

- **All devices:** Enhanced equipment robustness when configured with a non-existent remote server.
- **All devices:** Fixed an issue where the last page index of the user listing in the embedded web interface showed a negative index.
- **All devices:** Improved periodic cleaning of facial templates for registered users with expired access.
- **All devices:** Fixed an issue that could cause the previous user's photo to appear in the identification badge in online mode.
- **All devices:** Fixed an issue in the iCloud code renewal process through the embedded web interface.
- **All devices:** Fixed a condition that could cause accidental calls when clicking on the SIP extension dialing keypad.

V7.2.8 (17/09/2024)

- Improvements on the firmware update process via USB.

V7.2.7 (16/09/2024)

- **All devices:** Option to collect OpenVPN logs for analysis (via the device's display menu or embedded web interface).
- **All devices:** Restriction on image pixel format for registration through the API, rejecting black and white or grayscale photos, only accepting color photos.
- **All devices:** 802.1x authentication with digital certificate support.
- **All devices:** SIP dialer icon now indicates when the device is configured for SIP with video.
- **All devices:** Fixed issue with generation of access reports when timezone and NTP were active.
- **All devices:** Improvements in filter operation in screens with "checkbox" selection lists via embedded display.
- **All devices:** Fixed confidence value reference in access logs.
- **iDFace Max:** Added a new mode in the Wiegand properties "User Card," where, in the event of identifying a user with one or more linked cards, the first card will be sent via Wiegand in the configured format.
- **iDFace Max:** Fixed an issue on the equipment operation on activating relay/secbox in "Rejected only" mode

- **iDFace Max:** Fixed GPIO configuration setup in the menu via the embedded display for relay, secbox, and relay/secbox configurations.
- **All devices:** Improvements on the language selection modal and SecBox configuration on the embbed system web page.

V7.2.5 (29/08/2024)

• Key new functionalities:

- **SIP with Video Support:** The device can now make SIP intercom calls with video transmission from the terminal to the intercom application, both in peer-to-peer (p2p) and SIP client mode. Note: This is not bidirectional video. Requires a compatible SIP environment configured for video transmission.
- **RTSP video streaming with audio support:** The device can now transmit audio from its microphone alongside the RTSP video stream.
- **SNMP support.** Now the device can be monitored via SNMP for solutions compatible with this protocol.
- **12-24 hours mode:** Relógio do sistema agora suporta formatos 24 horas e 12 horas (AM/PM).
- **iDBlock Next support:** Primary and Secondary modes for interface with iDBlock Next's control board. The Primary mode interacts with the server in Online, Push, and Monitor modes, capable of full configuration and diagnostic of the turnstile. The Secondary mode interacts locally with the Primary for user identification in the opposite direction of the turnstile.
- **Remote facial registration support during SIP intercom calls:** You can now register new users' faces during a SIP call.

• General Improvements:

- Optimization on the facial recognition processing 1:N. Facial recognition is now 5x faster.
- Support ont exportation of AFD markers in a format compatible with Ordinance 671 when configured as REP-P Collector in Point Mode.
- Improved handling of door violation alarm debounce values in the embedded web interface.
- Enhanced VPN state management for reconnection in case of OpenVPN connection failure.
- Improvements in output mode settings for Relay and SecBox.
- Fixed iDCloud enabled/disabled status verification.
- Addition of buttons for white and infrared LED control on the camera diagnostics screen.

- Improvements in handling tables related to areas in the import/export of backups between terminals.
- Improvements in English language menus on the device, both on the display menu and via the embedded web.

V7.1.9 (12/08/2024)

- Improvements in the device display state management when configured to perform identification during SIP intercom calls and operating in online mode.
- Improvements in the device operation with up to 100,000 user faces.
- Enhancements in SIP Intercom reconnection attempts under SIP error conditions like "not authorized" and "loop detected."
- Improvements on handling errors in case of invalid credentials for SIP intercom.
- Correction in handling of NO/NC states of expansion GPIOs on the Embedded Display Menu.
- Correction in the response address for global messages in the OSDP protocol.
- Factory test software correction for the iDFace Max Mifare model (does not affect end-user or final application).

V7.1.8 (24/07/2024)

- Improvement in microphone gain processing for SIP intercom.
- Correction in selection of filters for reports exported via USB.
- Correction of audit logs appearing with a one-month difference.
- Display of VPN interface IP when the device is connected to a VPN.
- Improvement in displaying Online Mode Server and Monitor URLs on the embedded web's Operation Mode screen.
- Firmware support for iDFace Max Ponto models.
- Improvement in processing backups from iDFace Max with 50k and 100k users (where user photos are not stored).
- Improvement in the display of device data (name, firmware version, and serial number) on the Embedded Web.
- Significant operational stability improvements for the device.

V7.1.7 (19/07/2024)

- Improvement in the factory test firmware for validation of the device's internal relay. **Does not affect end-user or final application.**

V7.1.6 (18/07/2024)

• New key improvements:

- **Network interlock.** Agora é possível configurar o equipamento para realizar o intertravamento via rede com outro dispositivo (até o momento iDFace, essa funcionalidade será portada para linha V5). É possível realizar o intertravamento com múltiplos dispositivos via rede, com configuração a ser realizada via display e web do embarcado, e via API (vide documentação). It is now possible to configure the device interlocking with another device via network (currently iDFace; this feature will be ported to the V5 line). Network interlock with multiple devices is configurable via the embedded display, web interface, and API (see documentation).
 - This new feature also requires SecBox V2 firmware update to V2.2.3, which is performed by the access control device in communication with SecBox V2 via RS-485.
- **Internal relay and expansion GPIO configuration:** Screens for configuring the internal relay and GPIOs of expansion connectors, as well as support for new operating modes for both SecBox and the internal relay. These screens are available on both the embedded display menu and the web interface.

• General Improvements:

- Daylight savings time configuration improvements, both via the display and embedded web.
- Improved error feedback when attempting remote user registration with a nonexistent user_id.
- Display of the device serial number on the iDCloud screen, both via the display and embedded web, to facilitate registration in iDSecure Cloud and RHID.
- Correction in the "About" menu of the embedded web being blocked when the device is configured to operate in OSDP or RS485 (legacy mode).
- Increase in default timeout for receiving messages when operating in legacy mode on RS-485.
- Correction for an issue causing the device to shut down unexpectedly when using the speaker while powered by PoE.
- Improvements in facial recognition in low light.
- Improvements in the speed and smoothness for starting and stopping identification streaming.

- Automatic setup of the region of interest in vehicular mode.
- Improved stability and fluidity of video via RTSP and ONVIF.
- Image quality improvements in h264 streaming.
- Support for mjpeg and h264 video streaming in 1080p; h264 video streaming now supports 30fps in 1080p.
- Enhancements in device logging in case of error.

V7.0.33 (03/07/2024)

- Correction of an issue causing identification to occur on the diagnostics screen.
- Further improvements in embedded application security timing mechanisms (watchdogs).

V7.0.32 (28/06/2024)

- Support for 1:1 Mode.
- Device now supports up to 10,000 faces and SIP intercom by default. Support for licenses for 20,000 faces, 50,000 faces, and 100,000 faces. For devices with 50,000 and 100,000 faces, user photos will not be stored on the device.
- Addition of a screen for display brightness configuration.
- Addition of a screen to customize the SIP intercom dialing icon.
- Enhancements in the selection and configuration of custom device logos.
- Addition of a symbolic keyboard for editing the Push server address.
- General improvements in embedded application security timing mechanisms (watchdogs).
- Display of 802.1x connection status on the 802.1x configuration screen.
- Improvements in configuring the device speaker volume.
- Correction in the display of options for white LED activation threshold.
- Improvements in processing user photos during backup import.
- Enhanced communication mechanism with SecBox V2.
- Improved display of long text on the identification badge when there is a message on identification.
- Device now activates white LEDs during facial registration in low light.
- Improvements in date and time configuration concerning time zone handling, especially in clock transitions when NTP is enabled or disabled.

- Correction for an issue causing the application to display an error on startup and fail to perform facial recognition.
- ONVIF and RTSP improvements, prioritizing Full HD (1080p) in H264.

V7.0.30 (15/06/2023)

- First release for the new facial access line.