

Release Notes iDFace EN-US

All dates are in ISO format.

V6.21.6 (2025/09/11)

- **iDBlock Next:** Improvements in synchronizing user data between Secondary and Primary.

V6.21.5 (2025/09/10)

- **All:** Display of a confirmation window to change the 1:N / 1:1 identification mode on the Embedded Web.
- **All:** Improved identification timeout response (code 5) when the device is operating in 1:1 mode.
- **iDFace:** Improved OSDP message processing when multiple devices are on the same RS-485 bus, in normal mode, and with the secure channel enabled.

V6.21.4 (2025-09-08)

- **All:** Improvements to handling new API calls in online mode during timeouts, network failures, or connection failures.
- **All:** Improved formatting of Mifare card data for Wiegand transmission.
- **iDBlock Next:** Support for releasing a turnstile by executing an access code during a SIP call with iDBlock Next.

V6.21.3 (2025-09-02)

- **All:** Improved watermark configuration in video streaming.
- **All:** Support for a factory reset button on the recovery screen, without requiring a firmware update.
- **All:** Improved IP address field validation.
- **All:** Improved remote server connection error feedback on the firmware update screen in recovery mode.
- **All:** Added a licensing mechanism for OEM partners.

- **iDFace:** Improved handling of access events with pushbutton activation in normal mode and remote interlock mode.
- **iDFace:** Improved Wiegand data processing in Wiegand 34.
- **iDFace:** Added an option to enable user ID formatting as a Wiegand card (with facility code and card processing).
- **iDFace Mifare:** Audible signal in case of block and sector reading errors on Mifare cards, if configured to read these elements.
- **iDFace Mifare:** Improvements in formatting Mifare cards via Wiegand for Wiegand 34 format.
- **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.

V6.21.1 (2025-08-11)

• **New Feature Highlights:**

- **All:** Easier Import - Added support for new mechanisms to easily import user photos, supporting CSV files and user images, images with ID and username, and images with username.
- **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 streaming. The icon can be added via the embedded display menu, the embedded web page, and the API.
- **iDBlock Next:** Added Controlled Entry / Blocked Exit operation mode. Useful for combinations where the iDBlock Next is operated with one Primary iDFace, which controls the user flow direction and whose flow must only follow one direction, preventing exit at that location.

• **General Improvements:**

- **iDFace:** Improvements to the setup of Wiegand 37 (10302) and Wiegand 37 (10304) modes.
- **iDFace:** Improved processing of facility codes received via Wiegand when configured to operate in Wiegand 26.
- **iDFace:** Improvements to Wiegand data formatting.
- **iDFace:** Improvements to the processing of access logs when activating a remote interlocking pushbutton.
- **All:** Display of a confirmation window when changing the operating mode from 1:N to 1:1.
- **All:** Support for bitrate configuration for RTSP/ONVIF video transmission.

- **All:** Improved NTP processing and support for more time zones.
- **All:** Improved scheduling of device restarts with the option to select the days of the week in addition to the time.
- **All:** Operational improvements to the change_logs table for logging changes to user_groups and user_access_rules.

V6.20.18 (2025-07-22)

- **All:** Improvements to firmware operation when the device is running low on free RAM.
- **All:** Improvements to support and operation with barcode or QR code readers connected via USB.
- **All:** Improvements to Monitor operation when DNS resolution failures occur for the configured server and/or internet instability.
- **iDFace:** Improvements to processing of facility codes received via Wiegand when configured to operate on Wiegand 26.

V6.20.17 (2025-07-10)

- **All:** Improvements to SIP video call quality.
- **All:** Improved processing of LSB and MSB settings for reading Mifare card data via an external Wiegand reader.

V6.20.16 (2025-06-25)

- **All:** The device can now receive *.ovpn files for OpenVPN configuration.
- **All:** Improved processing of scheduled release times.
- **All:** Improvements to server configuration for online mode via the embedded display and web menu.
- **All:** Fixed a condition that could keep the streaming screen open after 1:1 identification.
- **All:** Fixed handling of objects with negative identifiers in the device database.
- **iDBlock Next:** Improvements to the processing of identification events with card deposit in the machine, properly displaying identification messages on the Primary and Secondary device displays.
- **iDBlock Next:** Improved processing of master password authentication via the menu on the Secondary display when the turnstile is configured to operate in online mode.

V6.20.15 (2025-06-16)

- **All:** Improved the process for reloading facial templates in memory.
- **All:** Improved the display of ASK card data via remote registration via the embedded web interface, when the device is configured to read ASK cards with a 40-bit Card ID.
- **All:** Improved logo configuration via the embedded display menu.
- **All:** Improved wpa_supplicant log persistence for analyzing 802.1x connection feedback.
- **All:** Improved the process for saving facial and fingerprint templates (in the case of the iDBlock Next with a display cover and fingerprint reader), preventing the saving of templates with an ID equal to 0 if this request is made via the API.
- **All:** Improved the restoration of facial recognition after performing remote facial registration via the web or API.
- **iDFace:** Improvement in the processing of audio access messages, with access release via push button when equipment is operating with remote interlocking.

V6.20.14 (2025-06-03)

- **All:** Improvements to device_is_alive processing in online mode for device contingency.
- **All:** The "save" parameter for remote registration via the API is no longer mandatory.
- **All:** Improvements to device_is_alive execution via the Monitor.
- **All:** Improvements to Scheduled Release and daylight saving time processing with NTP.
- **All:** Improvements to the embedded display's touch screen.
- **All:** SSH disabled by default in normal application. Can be manually enabled for technical support when needed.
- **iDFace:** Improvements to the SecBox presence check in the SecBox mode of the embedded web interface.
- **iDBlock Next:** Improvements to internal event processing for waiting for turnstile arm rotation to complete.

V6.20.13 (2025-05-19)

- **All:** Improved display of the scheduled release status text on the embedded device display.
- **All:** Added screens for collecting WPA Supplicant logs when the device is configured to operate in 802.1x, both in the display menu and in the embedded device web interface. Easier

collection of these logs will facilitate engineering analysis in cases of integration with various 802.1x networks.

- **All:** Improvements to the process for accepting terms of use to enable device use, and consequently, facial and card recognition, both when performed via the display menu and via the embedded device web interface.
- **All:** Operational improvements to the execution of the create_or_modify endpoint.
- **All:** Improved display of the scheduled release status text on the device display.
- **All:** Improvements to backup import progress feedback via the embedded device web interface.
- **All:** User usability improvements for configuring 802.1x network properties.
- **All:** Improvements to the license screen on the embedded web interface.
- **iDFace:** Improvements to the processing of "user_id" and "save" parameters for remote registration via the API.
- **iDFace:** Improvements to the device installation process as a PD via OSDP when run through the embedded web interface.
- **iDFace:** Improvements to user display feedback for card/face/QR Code and PIN reading events when configured to operate in "Any Card/QR Code/PIN" mode.
- **iDBlock Next:** Improved usability of the device/turnstile operating mode configuration menu, allowing you to save settings before accessing the connection properties section (online mode, monitor, etc.).
- **iDBlock Next:** Improved feedback for Primary connection errors.
- **iDBlock Next:** Improved usability of the Secondary menu via display when the device is not communicating with the Primary (Primary removed for repair, restarting, updating, etc.).
- **iDBlock Next:** Improved parameter synchronization with the Primary, supporting new parameters and features (e.g., support for 8 logos, etc.).
- **iDBlock Next:** Improved data synchronization with the Primary.
- **iDBlock Next:** Improved connection session persistence between the Secondary and Primary.
- **iDBlock Next:** Sending component_id in all online turnstile requests.
- **iDBlock Next:** Improved blocking of new arm rotations while the last current approved rotation is not completed.
 - **Note:** Requires updating the control board firmware to V4.0.12, which can be done by going to "Menu > Access > Turnstile > Turnstile Update".

V6.20.10 (2025-04-29)

- **All:** Improvements to the create_or_modify endpoint when updating objects in the database.
- **All:** Improvements to TOTP validation for dynamic QR codes.
- **All:** Improvements to the execution of device_is_alive calls via Monitor.
- **All:** Improvements to access logs generated in online mode.
- **All:** Improvements to NSR numbering when exporting AFD with initial_nsr and offset filters in point mode.
- **All:** Reduced memory consumption in iDFace.
- **All:** Improvements to device operation for entering contingency when there is a device_is_alive response but the server does not respond to an identification event.
- **All:** Improvements to video transmission behavior in ONVIF to improve compatibility with video recording software and NVR devices.
- **iDFace:** Substantial improvements to device operation when configured to operate in OSDP mode.
- **iDFace:** Improved device operation when the sec_boxs object is configured with relay_timeout=0 (to keep the SecBox open).
- **iDBlock Next:** Improved communication performance between the Secondary and Primary iDFace.
- **iDBlock Next:** Improved user_id return when executing synchronous and asynchronous remote registration.
- **iDBlock Next:** Improved handling of tapping to stop streaming on the home screen and the duration of displaying error messages on the server.
- **iDBlock Next:** Improved execution of the "face_create" endpoint after performing asynchronous facial registration, when operating in online mode.
- **iDBlock Next:** Improved communication error messages with the server when operating in iDBlock Next mode.
- **iDBlock Next:** Improved processing of turnstile-related actions (arm rotation).

V6.20.5 (2025-04-09)

- **Key New Features:**
 - **All:** Added a web password change screen for first-time device access (available via embedded display menu and web interface).

- **iDFace:** New Wiegand configuration screen in the web interface, supporting custom Wiegand formats and Wiegand data reception debugging.
- **All:** Added "Randomized Keypad" mode for password/PIN entry (shuffles key positions each time the keypad opens).
- **All:** Added "Tamper-Triggered Reset" mode. If enabled, device memory will reset upon tampering.
 - **Note:** Technical staff must disable this option before wall-mounted device maintenance.

- **General Improvements:**

- **All:** Enhanced NTP server connection status verification.
- **All:** Improved user feedback when server fails to respond to identification requests.
- **All:** Added "device_is_alive" calls via Monitor mode for offline devices.
- **All:** Optimized 1:1 operation mode performance.
- **All:** Fixed translations and improved embedded display/web menus (English/French).
- **All:** OpenVPN configuration examples now provided in English (global support).
- **All:** Enhanced logo upload via web interface.
- **All:** Added batch command execution support via Push.
- **All:** New create_or_modify_objects.fcgi endpoint to edit existing records.
- **All:** Support for "Panic Password/PIN" functionality.
- **All:** Improved report filtering for large user lists (embedded display menu).
- **All:** Better SIP connection error messages.
- **All:** Optimized facial recognition during pending API identifications (online mode).
- **All:** Improved SIP video call stability in P2P mode.
- **All:** Enhanced toggling of readers (Facial/Card/PIN+ID/QR Code).
- **All:** Added option to disable web interface (retains API access) via display/web menu.
- **All:** Streamlined online mode server configuration (IP/attributes) via web/display menu.
- **All:** Region-specific legal terms display (embedded display/web).
- **All:** Reduced face re-identification time (for both recognized/unrecognized users).
- **All:** Improved SIP contacts search field.
- **All:** Stricter Admin validation for display menu access in exception mode.
- **All:** Added two new access_events for online mode:
 - ERROR_AUTH_TIMEOUT: Server response timeout.
 - ERROR_AUTH_JSON: Invalid/malformed JSON response.
- **iDFace:** Added Wiegand-64 format support.

- **iDFace:** V5 access line interlock compatibility (iDFlex, iDAccess Pro, etc.).
- **iDFace:** Custom Wiegand/OSDP code output for SIP intercom-triggered unlocks.
- **iDFace:** The "any card" mode on the Wiegand and OSDP configuration screen has been upgraded to "Any card/QR Code/PIN." When selected, the device will perform facial recognition, responding to the user's ID via Wiegand or OSDP. For card, QR Code (numeric), and PIN readings, the device will display feedback on the screen (e.g., "Card read") and send the read data via Wiegand or OSDP.
 - In this mode, the "LED Feedback" option can be enabled, connecting the DS signal from the SecBox V2 (MAE) to the LED signal on the Control Panel to interpret the access authentication feedback. With LED Feedback enabled and feedback from the panel, a message such as "Access authorized" will be displayed.
- **iDBlock Next with Display Cover and Biometric Reader:** Improvements to the synchronous and asynchronous execution of the remote_enroll endpoint.
- **iDBlock Next:** Added support for activating turnstile relays when executing turnstile arm rotation.
- **iDBlock Next:** Improvements to the turnstile configuration screens via the embedded web interface.
- **iDBlock Next:** Improved status control (contingency/online) during identification and turnstile arm rotation.
- **iDBlock Next:** Improved processing of user photos on identification badges on Secondary equipment.
- **iDBlock Next:** Improvements to the control of turnstile arm rotation solenoids.
 - Requires updating the control board firmware to v4.0.11, which can be done by going to "Menu > Access > Turnstile > Turnstile Update").
- **iDBlock Next:** Improvements to access logging mechanisms for recording authorized access or access revocation.

V6.19.5 (2025-03-13)

- **iDBlock Next:** Improved processing of user photos in identification badges on Secondary devices.
- **All:** Enhanced Touch Driver for the new iDFace CTP (Capacitive Touch Panel).

V6.19.4 (2025-02-17)

- **All:** Improvement in the execution of access audio messages.

- **All:** Improvement in the speaker volume control of the device.

V6.19.3 (2025-02-05)

- **All:** The firmware update screen (Recovery) is now entirely in English, as well as the Web interface in recovery mode.
- **All:** Improvements in the salt return of the **"user_hash_password.fcgi"** endpoint.
- **All:** Improvements in the logo upload process via the Web interface.
- **All:** Improvements in the custom SIP dialing icon upload screen via the Web interface.
- **All:** Optimization in the execution of the **"user_destroy_image.fcgi"** endpoint.
- **iDBlock Next:** Improvements in processing card identification events when operating in online mode.
- **iDBlock Next:** Operational improvements in transitioning from contingency mode back to online mode when operating in **Enterprise Mode** with a display cover and biometric reader.

V6.19.2 (2025-01-27)

- **All:** Improvement in the identification streaming output.
- **All:** Improved firmware version display for the **SecBox / iDBlock Next Control Board**.
- **All:** Improved index validation for creating custom punch records.
- **All:** Audio codec improvements for speaker control to fix potential issues causing hissing and "pop noise" when playing audio (access audio messages) or during SIP calls.
- **iDBlock Next:** Improvement in equipment parameterization when configured in **1:1 mode**.
- **iDBlock Next:** Improvements in the **component_id** feedback sent by the Primary device when operating in **Online Mode**.

V6.19.1 (2025-01-16)

• Key New Features

- **iDFace:** Added the **"Scheduled Unlock"** mode, allowing the configuration of date/time schedules in which the controlled door will always remain open. First, a **Schedule** must be created, then navigate to **[MENU] > [ACCESS] > [NEXT] > [NEXT] > [SCHEDULED UNLOCK]** to enable it. A message to be displayed during a scheduled unlock event can also be selected.
- **iDFace:** Support for loading up to **8 logos** for selection and display on the device screen.
- **iDFace:** New **"Wiegand-In Passthrough"** mode in the Wiegand configuration screen. When enabled, the device will forward data received on WIN0/WIN1 signals directly to WOUT0/WOUT1 on **SecBox V2**, without local processing.

- **iDBlock Next:** Access logs (**access_logs**) now provide the "**component_id**" field, allowing mapping of whether identification occurred on the **Primary iDFace, Secondary iDFace, or Display Cover** when operating in **Standalone/Offline Mode**.
- **General Improvements**
 - **iDFace:** Fixed **remote interlock** behavior during SIP calls.
 - **iDFace:** Door release via push button now displays a warning if access is blocked by **remote interlock**.
 - **All:** Improved **automatic screen shutdown** when the device is in idle mode.
 - **All:** Improved clock synchronization status feedback via **NTP** in cases where port **123** is blocked on the local network.
 - **All:** Added **SIP protocol selection option (TCP or UDP)** in the **intercom configuration screens (display & Web interface)**.
 - **All:** Added an option to **protect menu access and/or ID+Password/PIN entry screen** from accidental touches. When enabled, the **Menu button or central screen area** must be pressed for **3 seconds (configurable time)** to open the Menu or data entry screen.
 - **All:** Fixed device behavior when receiving **Event 14** via the API.
 - **All:** Minimum "**request_timeout**" limited to **2 seconds** when operating in **Online Mode**.
 - **All:** Adjusted **identification badge messages** with **two-line custom messages**.
 - **All:** Fixed **cut-off text issues** in **identification badge messages** when displayed without a **user name or photo**.
 - **All:** Improved **firmware update process and display** for the **iDBlock Next Control Board and SecBox V2**.
 - **All:** **QR Code Wiegand numeric mode access logs** now appear as a **card event** in access logs (as expected).
 - **iDBlock Next:** Improved **BQC (Drop Arm) control**.
 - **iDBlock Next:** Improved **Primary iDFace operation** with the **Display Cover and fingerprint reader in Enterprise Mode (Requires Display Cover firmware V5.15.7 or higher)**.
 - **iDBlock Next:** Fixed an issue where the previous user's photo might be displayed on the **Secondary iDFace** when **iDBlock Next** was operating in **Online Mode**.
 - **iDBlock Next:** Improvements in **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".

- **All:** The "**new_user_identified**" event in **Online Mode** now reports the user's **registration number**.
- **All:** Significant **ONVIF performance improvements**.
- **All:** Fixed a rare condition where **user photos** might be **saved with a timestamp of 0** in the database.
- **All:** **Removed blank lines** from the **RTSP video streaming session description protocol**.
- **iDFace:** Improved **OSDP message response time**.
- **iDBlock Next:** Fixed an issue with **photo capture during access events** on **Secondary iDFace Max**.
- **iDBlock Next:** When configured as **iDBlock Next**, the device **will no longer accept interlock options**.
- **iDBlock Next:** Fixed **log writing** for turnstile rotation events when set to **allow rotation in both directions**.

V6.18.5 (31/10/2024)

- **iDBlock Next:** Improvement in the handling of rotation cancellation events.
- **All:** Improvement in the robustness of the equipment when configured with a non-existent remote server.
- **All:** Fix of Menu blocking over the display after performing remote registration of PIN or password.
- **All:** Improvements in the language selection modal of the embedded web interface.
- **All:** Fix in a condition that led to the text message displayed on the identification badge being cut off.
- **All:** Improvement in the periodic cleaning of facial templates of registered users but with expired access.
- **All:** Improvement in the ONVIF and RTSP video streaming configuration mechanism, which now no longer requires the terminal to be restarted.
- **All:** Support for customization of the SIP dialing icon on screen.
- **All:** Improvement in handling of users with IDs greater than 10 digits for card registration in the unit.
- **All:** Display of more details about the device (device name, serial number and firmware version) in the bottom right corner of the terminal embedded website.
- **All:** Correction in "typo" in the RTSP video streaming menu (it was RSTP...)

V6.18.2 (03/10/2024)

- **New highlighted features:**

- **iDBlock Next:** Support for 1:1 mode. With this support, 1:1 identification is initiated and finished in the used terminal (Primary iDFace, Secondary iDFace or turnstile cover with display). In order to support turnstile cover with display it needs to be in the firmware V5.14.9.
- **iDBlock Next:** Support for Enterprise mode with cover with display and biometry reader. It requires that the cover with display be in the firmware V5.14.9.
- **All:** QR Code mode. In this mode of operation, the iDFace will be focused on reading QR codes, where it will display a screen with a region to present the QR Code, in order to guide the user to present the QR Code.
- **All:** Support for the French language.
- **All:** Support to customization of the identification event message (authorized/not authorized/wear mask).

- **General improvements:**

- **iDFace:** Exhibition of the Wiegand 56 mode in the Wiegand settings screen, both on the display menu and in the web interface of the terminal.
- **iDFace:** Addition of the mode “User Card” via OSDP.
- **All:** Addition of the interlocking status field in the identification event on online mode.
- **All:** Improvements of treatment of tables related to areas in the export/import of backup between terminals.
- **All:** Improvements in the network diagnostic screen, on the display of the device.
- **All:** Icon of SIP calling now indicates when the device is configured to SIP with video.
- **All:** Correction in the index reference of the last page of the listing of users in the web interface of the terminal.
- **All:** Improvements of the menu in English, where the identification distance will be shown in “in” (inches) if the region is US (United States), otherwise, it will be shown in “cm” (centimeters).
- **All:** Access to the device menu via display when it is in exception mode (emergency or blocked mode).
- **iDBlock Next:** Correction when sending a photo capture in an access event via Monitor when executed on the Secondary device.
- **All:** Update of the RTC clock with active NTP, in order to improve the sanity of the device's clock.

- **New highlighted features:**

- **All:** Support for RTSP video streaming in 16x9 and 4x3 aspect ratios, with return from support to the mirrored image, and also the option to add a watermark with date and time of the device.
- **All:** Addition of the region selection and acceptance of user agreement (EULA) screen, both via the web and the on-board display menu. It will show up after the first update to the new version, and also after updates with reset to factory settings. This functionality is needed for legal compliance of the device on the global level.
- **All:** Support for remote registration of PIN and password.
- **iDFace:** Addition of a new mode in the “User Card” Wiegand properties, in which in the event of the identification of a user that has 1 or more cards associated with themselves, the first card will be sent via Wiegand in the chosen format.

- **General improvements:**

- **All:** Pixel format restriction when registering images through the API, in order to refuse black and white or grayscale images, accepting only color images.
- **iDFace:** Interlocking via network now only considers the network port defined in the network properties of the device.
- **All:** General improvements in the web interface of the terminal and in the menu of the on-board display after revision in the English language.
- **All:** Correction in the generation of access reports with active time zone and NTP.
- **iDBlock Next:** Improvements in the session synchronization between primary and secondary devices.

V6.17.3 (28/08/2024)

- **New highlighted features:**

- **Support to SIP with Video:** The device is now capable of making SIP intercom calls and transmitting video from the terminal to the intercom application, in both peer-to-peer (p2p) and SIP client mode. It is not video-bidirectional. Requires a compatible SIP environment configured for video transmission with h264 codec.
- **Audio Transmission in RTSP video Transmission:** Now the device is capable of transmitting the audio of your microphone together with the RTSP video.
- **Automatic dialing when a not identified user stands too much time in front of the device:** If the new feature is enabled, if a not identified user remains in front of the device for more than 15 seconds (customizable), they will be able to initiate automatic intercom dialing.

- **Support for remote facial registration during SIP intercom:** Now it is possible to make the facial registration of new users during SIP intercom calls.
- **General improvements:**
 - Improvement in the handling of the door break-in alarm debounce value on the web interface of the terminal.
 - Improvements in VPN state handling for reconnection in case of connection failure with OpenVPN.
 - Fix in the status check for iDCloud enabled/disabled.
 - Option for collecting OpenVPN logs for analysis (both via the device's display menu and via the web interface of the terminal).
 - Add option for touchscreen calibration on the device when in firmware update mode.
 - Improvements in the selection and configuration of the device's custom logo.
 - Improved synchronization of iDFace's templates via API.
 - Addition of network connection test screens in the diagnostics menu, both via display and the web interface of the terminal.
 - Addition of alarm delay option considering door left open. After the SecBox relay closes, this delay can be used to trigger an alarm if the door remains open.
 - Added support for endpoints to handle fingerprint biometrics on iDFace Primary, on the iDBlock Next turnstile with a display cover and fingerprint reader.
 - Improvements in the operation of selection filters on screens with 'check-box' selection lists, via the display of the device.
 - Improvements in the English language menus of the device, both on the display menu and via the web interface of the terminal.

V6.16.9 (12/08/2024)

- **iDBlock Next:** improvements in the reconnection of the Secondary with the Primary.
- **All:** Improvements in SIP reconnection attempts under SIP error conditions such as “non authorized” and “loop detected”.
- **All:** Improvements in error handling in case of SIP intercom invalid credentials.
- **All:** SIP server feedback via SNMP now supports servers configured with domain.
- **All:** Push and iDCloud menu are now unified in just one screen, both on the display Menu and in the Web of the embedded device.
- **All:** Support for north american date format (mm/dd/yyyy)
- **All:** Improvements in the translation to English of the web interface and display menu of the terminal.

V6.16.7 (25/07/2024)

- **All:** Firmware Support for iDFace Attendance models.
- **All:** Improved display of URLs for Online Mode Server and Monitor on the Operation Mode screen of the terminal's web interface.
- **All:** SNMP is now disabled by default – functionality has not been removed. The user can enable it if desired.
- **All:** Improvements in the execution of SNMP features.
- **All:** Display of the SecBox serial number in the SecBox menu, or the control board of the Next Turnstile in the turnstile menu – both on the display menu and in the web interface of the terminal.
- **All:** Fixed the display of the last access time on the user data screen in the web interface of the terminal.
- **All:** Improved clock processing of the device, retaining local time and time zone when NTP is disabled.
- **All:** Support for configuring the online mode server with a "server_id" in int64 (64-bit integer).
- **All:** Fixed an issue that caused the application to crash when the alarm signal was enabled via API (iDFace does not have an alarm input signal).
- **All:** Improvements in the photo processing mechanism for importing backups exported by iDFace / iDFace Max.
- **All:** Support for backup export and import between iDFace and iDFace Max (**backup exchange is only possible in backups containing user photos**).
- **iDBlock Next:** Support for the template_extract endpoint when the set has a display cover and fingerprint reader (for use with integrators requiring biometric template extraction from users).
- **iDBlock Next:** Improvements in the synchronization of the biometric template database when the set has a display cover and fingerprint reader.
- **iDBlock Next:** Improvements in visitor access control.
- **iDBlock Next:** Improvements in the synchronization of configuration and audio files for access sound messages.
- **iDBlock Next:** Improved turn control during identification. Fixes possible situations where the turnstile remains in a locked turn state after accessing without concurrence ("wait for the turn to complete").
- **iDBlock Next:** Improvements in local anti-passback processing when the turnstile operates in standalone mode, covering arrangements with 1 or 2 iDFaces, with or without a display cover.

- **iDBlock Next:** Improved turn direction processing in access logs in standalone mode, covering sets with 1 or 2 iDFaces, with or without a display cover.

V6.16.3 (28/06/2024)

- **All:** Fix in the minute exhibition of the access logs via the display of the device, in 12-hours mode only.
- **iDFace:** Increased the default timeout for receiving messages when operating in legacy mode over RS-485.
- **iDFace:** Improved communication mechanism with SecBox V2.

V6.16.2 (12/06/2024)

- **New Highlighted Features:**

- **iDBlock Next:** Support for Drop Arm.
- **iDBlock Next:** Addition of diagnostics screen of the turnstile in the web interface of the terminal
- **iDBlock Next:** Addition of menu to select the turnstile's RGB LED colors via on board display and web interface of the terminal
- **All:** System clock now supports 24 and 12 hour (AM/PM) formats.

- **General Improvements:**

- **All:** Option to add debounce time for signal in intercom button dialing. Might help cases with "ghost calls".
- **All:** Display of VPN interface IP when the device is connected to the VPN.
- **All:** Display of the device serial number on the iDCloud screen, both via display and the web interface of the terminal, to facilitate registration in iDSecure Cloud and RHID.
- **All:** Fixed data formatting via Wiegand (value was being halved).
- **All:** Improvements in the periodic removal of expired user credentials, removing only existing credentials (reducing response load via Monitor).
- **All:** Fixed the function to activate administrator when registering a user through the web interface of the terminal.
- **All:** Fixed issues in some configuration screens on the web interface of the terminal when the device is set to Spanish.
- **iDBlock Next:** Fixed an issue where the message "wait for the turn to complete" would appear after swiping a card to gain access.

V6.15.2 (24/05/2024)

- **New Highlighted Features:**

- **iDFace: Network interlocking.** It is now possible to configure the device to interlock via the network with another device (currently iDFace, this feature will be ported to the V5 line). Interlocking with multiple devices via the network can be configured via the display, web interface of the terminal, and API (see documentation).

This new feature also requires updating the SecBox V2 firmware to V2.2.3, which is performed by the access control device through RS-485 communication with SecBox V2.

- **All:** Initial language selection screen on the device display. It will be shown the first time the device is updated to this version (V6.15.2) and every time a factory reset occurs.
- **All:** Language selection via the login page on the web interface of the terminal.
- **All:** SNMP support. It is now possible to query device information via SNMP for monitoring solutions compatible with this protocol.
- **iDBlock Next:** Master password support for the display when operating as iDBlock Next Secondary. **If iDFace Secondary loses communication with the Primary, the master password will be requested, allowing access to the menu via the terminal's display.**

- **General Improvements:**

- **All:** Fixed filter selection for reports exported via USB.
- **All:** Firmware improvements to prevent application crashes when the system clock "rolls back" in time after network sync with NTP enabled.
- **iDFace:** Fixed the "About" menu in the web interface of the terminal, which became blocked when the device was set to operate in OSDP or RS-485 (legacy_mode).
- **All:** Support for using Control ID's USB QR Code reader, in both numeric and alphanumeric modes.
- **All:** Fixed an issue where audit logs had a one-month discrepancy.
- **iDFace:** Fixed response address for global messages in the OSDP protocol.
- **iDFace:** Support for Wiegand-56 via OSDP
- **All:** 802.1x authentication with support for digital certificates.
- **All:** Support for exporting time logs in a format compatible with Ordinance 671 when configured as a REP-P Collector in Clock Mode.
- **iDBlock Next:** Fixed the state in turn interruption.
- Requires control board firmware update to **V4.0.8**, which can be done via "Menu > Access > Turnstile > Turnstile Update."

V6.14.24 (11/04/2024)

- **iDBlock Next:** Improvements in the access release logic to ensure the turn is released in the direction of the first user detected by the device.

- **iDBlock Next:** Improvements in the process of synchronization of facial and biometric templates.
- **iDBlock Next:** Improvements in the biometric registration process via the Primary iDFace display menu on turnstiles with cover with a fingerprint reader.
- **All:** Improvements in the device's language change process via the web interface of the terminal.
- **All:** Improved error feedback when remotely registering a user with a non-existent user_id.

V6.14.22 (22/03/2024)

- **iDBlock Next:** Improved synchronization of facial templates between Secondary and Primary.
- **iDBlock Next:** Improved biometric template synchronization between Primary and **IHM** (will be released for production).
- **All:** Improvements in configuring emergency and lock down modes via the display menu and web interface of the terminal.
- **iDFace:** Added support for pre-configured Wiegand codes for events involving not identified or not authorized users. This new feature, accessible via the display menu and web interface of the terminal, allows specific codes to be sent via Wiegand when the device does not identify a user or detects a not authorized user.
- **iDFace:** Improved Wiegand operation for SecBox. In some scenarios, when configured to Wiegand 66, the first identification event was not properly generated via Wiegand. **Requires SecBox firmware update through the device.**
- **All:** Improved generation of "salt" associated with user password hash creation.
- **All:** Fixed an issue that could cause the device to remain connected to a SIP call if the call was abruptly terminated while the device was on online mode.

V6.14.18 (23/02/2024)

- **iDBlock Next:** The web interface of the terminal for Secondary now displays a notice to forward access to Primary for main configuration concentration.
- **iDBlock Next:** Added menus in the web interface of the terminal and display menu for configuring anti double entrance features, accessible in Primary.
- **iDBlock Next:** Improved handling of turnstile lock events.
- **All:** Improved the process for importing CSV files with more than 25,000 users, ensuring feedback is provided in the web interface of the terminal during the update process.
- **All:** Fixed an issue where the access sound message volume became lower after syncing with iDSecure.

V6.14.17 (09/02/2024)

- Fixed the response of the `enroller_state.fcgi` API.

V6.14.16 (08/08/2024)

- **iDBlock Next:** Display of the control board firmware (iDBlock Next Main) on the "About" screen, both in the web interface of the terminal and in the menu via display.
- **iDBlock Next:** Support for integration with the iDBlock Next **IHM** cover (soon to be available commercially).
- **iDBlock Next:** Fields on the web interface of the terminal and menu via display for relay activation based on turnstile rotation.
- **iDBlock Next:** Field for configuring the iDBlock Next give up timeout, both in the terminal's web interface menu and in the menu via display.
- **iDBlock Next:** The turnstile temporarily blocks new identifications before confirming the rotation of the turnstile.
- **iDBlock Next:** Synchronization of the web communication port from the Primary to the Secondary units.
- **iDBlock Next:** Secondary Menu lock on online mode using the Primary's master password.
- **iDBlock Next:** Improved display of the synchronization symbol when there is a logo on the display.
- **iDBlock Next:** Improvements in facial template synchronization for facial recognition on the Secondary.
- **iDBlock Next:** Improvements in the synchronization of the Secondary's configuration parameters with the Primary.
- **iDBlock Next:** The Secondary automatically resumes synchronization of configuration parameters and facial templates if the Primary is restarted.
- **iDBlock Next:** Fixed handling of name and photo on the "Waiting for authorization" badge on the Secondary.
- **iDBlock Next:** Reporting of the "confidence" value for facial identifications from the Secondary in the Primary's access logs.
- **iDBlock Next:** Fixed timing of red LEDs when there are multiple not authorized or not identified access events in a row.
- **iDBlock Next:** Improvements in verifying the type of card deposited in the turnstile's card collector (ASK/Mifare) for visitor exit processing.
- **iDBlock Next:** Support for emergency and blocked modes in iDBlock Next.

- **iDBlock Next:** Visitor exit by depositing a card in the card collector will now appear as a notification on the iDFace configured for the turnstile's exit direction.
- **iDBlock Next:** Fixed an issue where accessing the Admin Menu resulted in the turnstile being unlocked.
- **iDBlock Next:** Improved Secondary reconnection mechanism to the Primary.
- Removed the "web logins" screen from the web interface of the terminal.
- Fixed message display issues on the screen with UTF-8 characters.
- Improvements in daylight-saving time configuration, both via the display and web interface of the terminal.

V6.14.10 (13/12/2023)

- Support for restricting visitor exit using only the card collector for card deposit. This new configuration is available in the Menu via Display and Web Interface of the terminal.
- Fixed daylight-saving time adjustment when NTP is active.
- Fixed configuration for clockwise/counterclockwise turn direction in the display menu and web interface of the terminal.
- Improvements in turnstile arm control in always-open mode (requires control board firmware update to **V4.0.6**, which can be done by navigating to "Menu > Access > Turnstile > Turnstile Update").

V6.14.7 (24/11/2023)

- Fixed an issue that caused the device application to crash during startup without SecBox.
- Operational improvements in handling card reading events via OSDP.
- Improvements in device feedback over OSDP.
- Improved persistence of time zone via NTP for firmware updates without factory reset.

V6.14.6 (20/11/2023)

- Improvements in the process of exporting AFD (only valid for Brazil due to work law regulations) files via the web interface, via USB on the display menu, and through the API.
- Improved check of the number of registered faces before rejecting due to exceeded license.
- Improvements in API and online mode audit logs.
- Improved processing of access rule times when NTP is activated.
- **iDBlock Next:** Added a warning that changing the mode of operation (Primary or Secondary) will result in clearing the device's database.
- **iDBlock Next:** Improvements in handling abandonment events in Primary access logs.

- **iDBlock Next:** Fixed an issue that caused an "invalid response" message in a recently configured iDFace Secondary.
- **iDBlock Next:** Fixed an issue that caused the Secondary application to crash if there was no communication with the Primary.
- **iDBlock Next:** Display a warning if the Secondary is configured with the same IP as the Primary. Ideally, the Primary's IP should be changed to avoid IP conflicts that block the Secondary's menu.

V6.14.1 (23/10/2023)

- **New Highlighted Feature:**

- **NTP Support:** The device can now synchronize its time via NTP server(s), configurable both in the menu via display and the web interface of the terminal.

- **General Improvements:**

- **iDBlock Next:** Display logo synchronization between Primary and Secondary.
- **iDBlock Next:** Fixed the logic for accessing the offline menu (administrator) on the iDFace Secondary.
- Updated dependencies of the web interface of the terminal to fix some data editing issues in newer browsers.
- Fixed support for visitors and guest imports/exports in both the menu via display and the web interface of the terminal.
- Fixed keyboard layout to allow SIP IP address input in Peer-to-Peer mode.
- The user_id field in the SIP contacts table (contacts) in the database is now BIGINT.

V6.13.1 (11/10/2023)

- **New Highlighted Features:**

- **Identification during SIP calls:** It's now possible to enable an option in the Intercom menu to allow user identification during SIP calls. The device will switch to streaming mode when a call starts and will identify users in front of the device.
- **OSDP:** Initial support for the OSDP protocol. The iDFace can now be configured to operate as a PD (Peripheral Device). In this mode, SecBox communication is disabled, because the RS-485 channel will be used to interface with an OSDP-compatible access controller.

- **General Improvements:**

- **iDBlock Next:** The Secondary's display name is shown when the Primary is on online mode.
- **iDBlock Next:** Contingency identification responses are returned to the Secondary.

- **iDBlock Next:** Fixed the reporting of the turnstile rotation direction by the Primary to the remote server.
- **iDBlock Next:** Fixed the "id" sent by the monitor in give up access logs.
- Sending access photo captures via the Monitor is now disabled by default and must be enabled in the device's facial settings.
- Added a field to specify a custom record type (log_type_id) in the "new_user_identified.fcgi" request when configured on online mode.
- The "user_destroy_image" endpoint now returns an error if no option is selected.

V6.12.8 (19/09/2023)

• New Highlighted Features:

- **Support for iDBlock Next** through Primary and Secondary modes for interfacing with the iDBlock Next control board. The Primary is the main controller that interacts with the server in Online, Push, and Monitor modes, and can perform all configurations and even diagnose the turnstile. The Secondary interacts locally with the Primary to identify users on the opposite side of the turnstile.
- **802.1x** - The device now supports 802.1x network configuration.
- **Access photo capture via Monitor:** With each access event, the device captures a photo and sends it in Base64 format with a POST request to the /api/notifications/access_photo endpoint on the server specified by the Monitor.
- **"access_events" table:** Added support for a new table to log access events generated by the "monitor," allowing event queries that occurred when the device lost connection to the server.
- **SSL Certificate:** The device can generate its own SSL certificate to enable HTTPS. The generated certificate can be downloaded.

• General Improvements:

- The web interface of the terminal clock setup now allows current time retrieval from the computer via the browser.
- Improved audit logs with event order and boot records.
- Fixed door open alarms being reported along with door forced open events.
- Defined user-agent for SIP as "Control iD / iDFace" - Necessary for some SIP servers.
- Fixed an issue that caused the SecBox firmware update screen to disappear if the update froze.
- Support for SDP with NAT in SIP - Necessary for some SIP servers.
- Backup now supports the export/import of PIN and QR Code tables.

- Display the user linked to an extension in access logs for intercom access opening (requires linking the user's ID to the SIP Contact). When a user is linked to a specific extension, and an intercom release event occurs for a call to that extension, the logs will show that the user authorized the access.
- Fixed an issue that made the web interface of the terminal unavailable if the device was in English or Spanish and underwent a firmware update without a factory reset.
- Improved feedback for Mifare card readings with 64-bit resolution.

V6.11.5 (19/07/2023)

• New Highlighted features:

- Support for 15k faces and 30k faces with Pro 15k and Pro 30k licenses (device must first be Pro 10k - the "Pro" license up to now - before upgrading).
- Addition of a menu for DNS configuration in the network settings.
- Support for reading HID Seos cards on the iDFace HID model.
- Support for Wiegand 37 on the iDFace HID model.

• General improvements:

- Automatic cleanup of expired user data is now configurable; the user can enable or disable daily cleanup of expired users.
- Added a configuration option in the factory reset process to clear the database while keeping the device settings.
- Fixed data transmission via Wiegand when in 1:1 mode.
- The user screen now has a column with the last access date of the user.
- Improvements in factory test feedback – no impact on device operation.
- OpenVPN improvements to detect network failures.
- Improvements in changing the device hostname for better visibility in network/device scan utilities.
- Created an access log for button presses when in contingency mode.
- Fixed a bug in Push mode that caused the application to crash during multiple device language changes.
- General improvements to the Display Menu (typos, translation errors, screen flow improvements, etc.).
- Fixed DTMF configuration to RFC2833-PT-101 - Fixes issues with clients being unable to release access via REX button.

V6.10.1 (21/06/2023)

- **New Highlighted features:**

- Device hostname configuration in a new Network Settings Menu, allowing the device to be located on the network by hostname.
 - Example: iDFace with serial 0M0300/CAFE01 will have the default hostname CID-0M0300-CAFE01 and can be automatically located via URL cid-0m0300-cafe01.local.
 - The hostname can be changed by the user.
- Advanced communication mode for Secbox: In this mode, SecBox stores a unique authentication code with the device to communicate exclusively with it, so if the access control device is maliciously replaced, SecBox will not accept commands from the new device and will not open the door.
 - This new feature also includes the SecBox V2 firmware update to V2.2.1, which is performed by the access control device communicating with SecBox V2 via RS-485.

- **General improvements:**

- The Attendance Report now displays record types, useful when the device is configured with "Custom Record Types".
- In the access and time reports, a column is now included to indicate the type of identification used during access (Facial, Card, PIN, QR Code, etc.).
- Fixed an issue that caused the device application to crash when performing a factory reset.
- Option to disable daily device reboot in the device reboot menu.
- Fixed an issue that caused the device application to crash when setting the clock in the past.
- Improved display screen flow when operating in Attendance Mode.

V6.9.19 (26/05/2023)

- General improvements to the operation of the device with up to 10,000 registered faces.
- API requests that handle images now accept images in octet-stream and base64 formats.
- Fixed the "last_enroll_error" parameter return in the "enroller_state.fcgi" endpoint – it now returns the state correctly.
- Fixed the "operation_mode" event feedback via Monitor, which previously always sent emergency mode events (exception_mode) when saving changes in the Secbox configuration. Now, it only sends emergency events when there are changes to the parameter in question.
- Improved device behavior when receiving server responses on online mode with the "duress" parameter.

- Fixed the not identified user ID return in 1:1 mode when operating with the RS485 protocol – now the not identified user ID is 0 in this condition.
- Improved API handling of objects with large databases.
- General improvements in exporting/importing device backups via Web and Display using the USB port.

V6.9.14 (04/05/2023)

- Fixed issues creating visits via the web interface of the terminal.
- Improvements in the treatment of the API for creating large numbers of users with passwords.
- Improved treatment of cleanup of user or visitor credentials with expired access

V6.9.13 (23/03/2023)

- Fixed the administrator identification mechanism when the device is set to operate in Attendance Mode with Custom Record Types.

V6.9.12 (09/03/2023)

- Operational improvements in Attendance Mode with Custom Record Types.

V6.9.11 (28/02/2023)

• New Highlighted Feature:

- Experimental support for "Match on Card" functionality: The facial template is stored on Mifare 4k cards in a 1:1 mode where the user first presents the card, the device extracts the template stored on it, and compares it with the person's facial template for validation. If clients are interested in this functionality, please contact Engineering Team.

• General improvements:

- The cleanup of expired access user data can now be configured to apply to all users or only visitors.
- Improvements in device operation when set to Attendance Mode with Custom Record Types. Now, user identification only occurs after the user selects the desired record type on the device screen.
- Fixed the configuration of time-based anti-passback via the web interface of the terminal.
- The device's USB port can now be enabled or disabled to limit its use for importing/exporting reports and backups.
- Added support for enabling/disabling the removal of user photos after registration. With this feature enabled, the device can perform facial identification, but user photos are not stored or displayed during identification.

V6.9.7 (24/01/2023)

- Facial recognition messages now include a UUID for each event sent to the remote server on online mode.
- Fixed the display of custom names with special characters (e.g., "ç/ã/é") for SIP calls.
- Improved processing for handling large numbers of facial templates with audit logs.

V6.9.6 (16/12/2022)

• New highlighted features:

- Support for alphanumeric extensions for SIP intercom: Configurable via the Intercom Menu on the display or the web interface of the terminal.
- Audit logs: The device now records API events, parameter changes, network configurations, Menu USB usage in a database. These events can be collected via the API or through the Diagnostics > Generate Audit Log menu, accessible both via the device display or the web interface of the terminal. The device also sends USB usage events via the Monitor.

• General improvements:

- "confidence" feedback: When saving a user already registered in the database, the device now provides feedback on the confidence score, helping with personalized thresholds for cases like twins/lookalikes.
- Fixed an issue where the device did not go to the calibration screen when prompted from the display.
- Fixed an issue where the device failed to generate access logs when operating in "legacy_mode."
- Fixed an issue preventing IP association via DHCP after a DHCP server restart on the client network.
- Fixed the issue of sending the user ID along with card data in "Any Card" mode through Wiegand.
- The photo capture endpoint now supports sending images in *.png format or base64 encoding.

V6.9.4 (29/11/2022)

- Improvements to the factory testing software. No customer impact.

V6.9.3 (17/11/2022)

- Fixed support for 200,000 users with cards.

- Fixed an issue where SecBox would close the relay in emergency mode after a push-button door opening command.
- Fixed an issue with device's tamper alarm notifications.
- Improved the execution of personalized audio commands. Previously, the device would sometimes stop playing access sound messages. With these improvements, this situation will not happen again.
- Improvements in OpenVPN connection status feedback, both via the web interface of the terminal and the menu on the device display.
- Improved the facial registration process.
- The "Device ID" is now displayed on the About screen, both in the web interface of the terminal and in the menu on the device display.
- Added an advanced threshold selection mode per user for extreme cases (twins/lookalike).

V6.9.1 (27/10/2022)

• New features:

- Support for 1:1 mode: The iDFace can now be used in 1:1 identification mode, where the user provides credentials such as username and password, PIN, QR code, or card, followed by facial validation for access.
- PIN entry support: Users can now input their PIN, and access is validated upon PIN entry.
- OpenVPN support: The iDFace can now connect to VPNs using OpenVPN, supporting configuration files and credentials like username/password, certificates, and access keys.

• General improvements:

- Fixed microphone gain control.
- Restoring settings now has an option to retain network configurations.
- Added a menu for adding a QR code in the user registration screen via the web interface of the terminal.
- Added support for an immediate reboot endpoint, configurable via the Diagnostics Tools options, accessible both via the display and the web interface of the terminal.
- Added a menu for configuring Push Mode, available on both the web interface and the display menu of the terminal.
- Added an option to disable external push-button dialing support.
- Added a menu for advanced ASK card reader configurations (available in models with ASK readers).
- The device now includes a tcpdump tool for remote diagnostics support by the Support and Engineering teams.

- Backup import/export processes have been standardized between the web interface of the terminal and the display menu. A file exported via the web can now be imported via USB, and vice versa.
- Exported log files now include the firmware version in the file name.
- Addition of a field for editing the door-open detection debounce time in the alarm section, accessible both via the web interface of the terminal and the display menu.

V6.8.0 (20/09/2022)

• New features:

- Support for mirrored video transmission: Available in the RTSP/ONVIF video transmission settings.
- Support for USB QR Code readers.
- Added a menu both on the display and the web interface of the terminal to enable/disable remote diagnostic access via SSH.
- Support for Wiegand 40-bit protocol.
- Hexadecimal QR Code reading support.
- Added "Hide Name on Access" mode (which prevents the user's name from being displayed on the identification badge).
- Added a menu listing open-source software licenses.
- Added a menu for collecting diagnostic logs, available both on the display menu and the web interface of the terminal.

• General improvements:

- Improved logic for controlling the door in emergency states.
- Fixed progress bar behavior on the software update screen.
- Improved the logic for retrieving user image listings via the API.

V6.7.4 (08/08/2022)

- Panic alarm notification on the web interface of the terminal.
- Ethernet wired network configuration with MTU 1400 by default.
- Improved event timing for door-open reports via the Monitor after authorized user access or REX button door opening with online identification.
- General improvements to the display menu's graphical interface.
- Improvements in interface with iCloud (operational, transparent to the user).
- Operational improvements to the change_logs table for updating users with changing user IDs.

V6.7.3 (29/07/2022)

- **Highlighted features and improvements:**

- iDCloud integration.
- Support for Attendance Mode, where Access is disabled, allowing various types of records configurations.
- Support for the iDFace HID model.
- Facial identification algorithm improvements for live faces.
- Enhanced facial recognition when configured in vehicle mode.

- **SIP:**

- Added call reports (outgoing and incoming) for SIP intercom available via the display menu and in the web interface of the terminal.
- Enhanced SIP connection status menus for better feedback, available via both display and web (under SIP Call Test).
- Improved handling of calls in networks without internet access.
- General stability improvements for SIP calls (both outgoing and incoming).

- **General improvements:**

- Added a menu to change the master password for access to the device menu when on online mode, available via both the web interface and the display of the terminal.
- Camera calibration is now persistent after a factory reset or firmware update.
- Factory test software improvements (no functional impact on customer operations).
- Fixed an issue where the device would continue showing the streaming screen when another person appeared during identification.
- Fixed issue that resulted in blocking communications with the SecBox.
- The door icon on the device display now updates based on door-opening feedback from the external activation module (SecBox).
- The device_id reported in AFD (only valid for Brazil due to work law regulations) reports is now aligned with the device_id used in the API.

V6.6.10 (12/07/2022)

- Fixed an issue with remote card registration via the web interface of the terminal, which resulted in the exhibition of invalid values when the process was canceled.
- Fixed an issue in exporting custom reports (OC 174027).
- Improvements in IR camera performance for night-time and low-visibility facial recognition, especially in vehicle mode.

- Improvements facial recognition for vehicle identification.
- Improvements in activation SecBox feedback timing for both user identification and REX button triggers, on online mode with Monitor.
- Improvements in numeric extension or IP verification for SIP intercom call test in the web interface of the terminal
- Improved communication with the external activation module (SecBox).

V6.6.9 (30/06/2022)


- Addition of configurations like “log level” (in access validations), “zoom”, “vertical cut” (in facial settings) and “byte order” (in Mifare settings) both on the display menu and on the web interface of the terminal.
- Fixed an issue with the display of Mifare card values during remote registration.
- Added support for 64-bit cards registration via the web interface of the terminal.
- Fixed an issue preventing the handling of SIP extensions starting with 0 via the device display.
- Fixed an issue with handling invalid network configurations, which blocked settings access briefly.
- Fixed an issue where the device would restart when "alive_interval" values were set too high.
- Improved SIP intercom functionality.
- Improved logic for white LED activation during any identification event.
- Added support for RS485 notifications for facial access devices.

V6.6.8 (27/05/2022)

- Improved data handling for communication with the SecBox (External Activation Module).
- Improved handling of invalid responses when performing Push.
- Access to facial settings menu on the web interface of the terminal while on online mode.
- Fixed an issue that caused the application to crash when receiving SIP calls in peer-to-peer mode from another iDFace.
- Improved SIP Client and Peer-to-Peer intercom configuration interfaces.
- Fixed an issue preventing volume adjustment when SIP was disabled.
- Improvements in the backup import process on the device.

V6.6.7 (08/05/2022)

• Highlighted features:

- ONVIF: Official support for ONVIF standard of streaming ([Conformant Products - ONVIF](#)). Compatible with the most common DVRs and NVRs in the market. Can be enabled via .

GUI or in the web interface of the terminal.

- Significant improvement in the liveness detection algorithm for greater accuracy.
- Improved face detection in vehicle mode through dynamic gain algorithm for the IR camera.
- Pose detection (tilt, etc.) has been made more flexible in vehicle mode.
- Strengthened SecBox control (External Activation Module).
- DHCP support added.

• **SIP:**

- Added Peer-to-Peer mode alongside the existing SIP Client mode.
- Allows the use of an external push-button, even if the dial button is not presented on the screen.
- Added support for digest authentication (e.g., 3CX).
- Improved handling of adverse events (network outages, simultaneous calls, etc.).
- Allows displaying contacts for SIP calls without auto-dialing.

• **General Improvements:**

- Devices can now restrict the identification area to the display area (faces outside the display area won't be identified if enabled).
- Infrared LED intensity is dynamically adjusted based on time of day.
- Improved recovery process for handling corrupted file system (fs_root). This avoids RMAs by offering a quick, simple field solution (just update the device).
- The device automatically enters recovery mode after successive firmware failures.
- Users can now be registered with a password via RS485 in legacy mode.
- The GUI menus are restricted on online mode (configuration must be done on the server).
- Devices now reboots automatically in the event of a network PHY failure to ensure communication.
- Identification methods can be enabled/disabled via the web interface of the terminal.
- The RTSP link is now displayed in the graphical interface for installer convenience.
- Timestamps for images are reset when all faces are deleted via API.
- Added visitor support in the web interface of the terminal, similar to the traditional access control line.
- Users can select the ambient light threshold for activating the white LEDs.
- The device now reports the Portal ID on not identified events.
- Added the confidence parameter to online facial identification.

- Improved export of large reports (over 1,000 rows).
- Enhanced logic for turning off the white LEDs when entering the dialing menu.
- Improved tamper alarm logic.
- Improved anti-passback logic based on time.
- Enhanced remote registration of RFID cards.
- Improved AFD (only valid for Brazil due to work law regulations) file export with more than 250 records.
- Improved AFD (only valid for Brazil due to work law regulations) file export via the web interface of the terminal.
- Improved device_is_alive logic to avoid unwanted disconnections.
- Improved handling of identification by password/card during the transition to contingency mode.
- Improved ZIP file import via the web interface of the terminal.
- Enhanced alarm report generation via the web.
- Improved error messages displayed in case of failure/reboot.
- Improved API speed for removing all faces.
- Improved English and Spanish translations.
- Better feedback on license information in the GUI and web interface of the terminal.
- Improved the SIP contacts screen.
- Enhanced the report/alarm icon in the GUI.
- Improved the holidays screen in the GUI.
- Minor improvements to the graphical interface across several screens.

V6.5.3 (25/02/2022)

- Improvements to factory tests because of device reading modes.

V6.5.2 (14/02/2022)

• Highlighted Features

- Redesign of the display menu of the device, making it easier to access key resources and simplifying the handling of terminal's configurations. Access, Registration, Facial Config., Intercom, Settings, and General Settings screens have been updated.
- Addition of a menu (Access screen) to enable or disable the identification methods of the device - Facial / QR Code / Card.
- Addition of a new configuration for access with optional mask - grants access but requests user to wear a mask.

- Increased recognition threshold to 0.96.
- Improvements in the configuration of the Infrared (IR) camera for nighttime use.

• SIP

- The device will play an authorized access sound, if enabled, during a SIP call with access granted via a dialed code in the call.
- Buttons to initiate and end SIP calls now beep when pressed.
- Addition of control to show or hide the button on the display for SIP dialing (intercom). Removal of the button is recommended when using an external button to make a call.
- Customizable display of the username in outgoing and incoming SIP intercom calls, in the Call Settings Menu, for extensions configured in automatic dialing.
- Fix for an issue with making a call that resulted in sudden network drop.
- Fix for the default ringtone for SIP intercom calls (now played when making calls)

• API:

- Photo capture via API - Addition of an endpoint to capture photos from the RGB or IR camera of the iDface, returning the photo in PNG format.
- When performing a facial registration, the API now returns the ID of an existing user if the photo is already registered in the device.
- Fix for an issue in the API for removing all user photos.
- Fix in the operational mechanism of the device_is_alive API call.

• General Improvements

- Reformulated identification badge for access of users without photos (access via card, QR Code, or password).
- Menus for Standalone mode and Online mode are now the same, facilitating access to configuration resources even when on online mode.
- Addition of a screen to control the volume of custom access sounds on the device display.
- Addition of a language change menu for the device in the web interface of the terminal.
- Increased gain of the speaker on the speaker and microphone test screen.
- Addition of a Wiegand configuration screen in the web interface of the terminal.
- Screen for camera calibration in the Facial Config. menu, in the terminal's display menu.
- Support for English and Spanish languages in exporting CSV reports via USB flash drive.
- Support for capturing Webcam via the web interface of the terminal - requires a certificate to be loaded on the device for HTTPS.
- Saving user photos via the web interface of the terminal now returns more detailed error messages in case the photo does not meet acceptable criteria.

- Support for automatic remote facial registration via the web interface of the terminal.
- Improvement on the display of Server and Monitor data on online mode, both on the device display and in the web interface of the terminal.
- Fix for user export in the web interface of the terminal in Spanish.
- Fix for exporting user photos via USB drive.
- Fix for the beep sound for authorized users.
- Fix for customizable fields registration in the web interface of the terminal.
- Fix for duplicate report generation in USB export.
- Fix in the user card registration process in the web interface of the terminal.
- Fix for an issue after prolonged identification streaming.
- Fix for an issue that allowed a first access without a mask in contingency mode with local access restriction for masks.

V6.4.8 (18/12/2021)

- Improvements in the live face identification algorithm (liveness).
- The audio message "Access granted", both standard or customized by the user, is now also executed in accesses via REX button.
- Fix for an application failure that caused the device to restart when performing facial recognition in contingency mode.
- Fix for an application failure that kept the video streaming screen active indefinitely when remotely registering a card.
- General improvements in the application.

V6.4.6 (15/12/2021)

• Highlighted Features

- Improvements in the configuration of IR and visible cameras for high and low light situations.
- Enhancements in the logic for controlling the activation of white LEDs.
- Audio alerts for "Access Denied", "Access Granted", "Not Identified", and "Please wear a mask". It has standard sounds and allows users to upload custom sounds for each of the mentioned events. It also allows setting volumes to "Normal", "Medium", and "High". Sound warnings are disabled by default. The audio file size limit for each event is up to 5 megabytes.
- Access release via SIP/intercom, configurable via the display and web interface of the terminal. Disabled by default. When enabled, the administrator can set a code to be entered

by phone/extension to grant access to the iDFace.

- Configuration menu on the display and web interface of the terminal to enable/disable RTSP (video streaming over the network), configure port, user, password, RGB camera, or Infrared. It comes disabled by default for greater security.
- The device now supports 2 QR Code reading modes: "Numeric only" (64-bit integers) and "Alphanumeric" (up to 255 digits).

• **API**

- Inclusion of the user_test_image endpoint for photo acceptance testing of the iDFace.
- API support for conducting call tests via the device, and menu in the web interface of the terminal for call tests.
- The device did not cancel remote registration via the API. Now it can cancel remote registration via the API normally.
- Remote registration does not remain infinite with invalid values. If an invalid timeout value is passed, it is ignored, and registration proceeds immediately.
- Control via API and web interface of the terminal to keep the SecBox open for an indefinite period (emergency mode).

• **SIP**

- Custom ringtone when the call is made by the iDFace. It can be enabled/disabled via the display and the web interface of the terminal (WAV file upload only via web).
- Configuration of maximum call time limit, keep-alive time, and registration time, both via display and web interface of the terminal.
- Configuration of outbound ports, both via display and web interface of the terminal.
- General improvements for the stability of SIP intercom due to reports of freezes, etc.
- Dialing on a blank keyboard incorrectly called the last dialed number.

• **Online Mode**

- The display and web interface of the terminal now allow enabling/disabling the online mode functionality and only display the defined configurations when enabled. The initial configuration of online mode must be done via API.
- Improvements in timing and display during the release process.
- Preference for displaying the user's local photo on the identification badge. If it does not exist, the server photo will be used.

• **General Improvements**

- Configurable time-based anti-passback on the web interface of the terminal.
- Removal of multiple alarm zones and the alarm center from the iDFace alarms screen.

- Device information in the GUI now displays the correct count of registered faces.
- The ID and User Password input screen had no timeout to return to the main screen. Now there is a timeout for the ID and User Password input screen.
- Some users reported problems in configuring the network and gateway. Now the network and gateway configuration persist more consistently.
- The device restart time can now be programmed both via the display and the web interface of the terminal.
- The device references the LGPD (applicable in Brazil, similar to GDPR) both via display and the menu of the terminal.
- Access logs now include identification criteria.
- General improvements in interface, translations, etc.

V6.3.3 (11/11/2021)

- New API for remote face registration automatically (without visitor/user interaction).
- Fix for SIP server connection port setup.
- Support for external push-button for SIP calls (contact Engineering for installation details).
- Improvements in the SIP call count mechanism.
- Fix for SIP server setup in the web interface of the terminal, now allowing URI insertion.
- Experimental QR Code reading, compatible with QR Codes presented on smartphone and tablet displays.
- Specific improvements in the identification logic.
- AFD (only valid for Brazil due to work law regulations) file export via USB drive and Web Interface of the terminal.
- AFD (only valid for Brazil due to work law regulations) export via Push API.
- Numerical feedback for the Zoom and Tilt Level configuration screen.
- Fix for the visitor screen freeze issue in the web interface of the terminal.
- Fix for the SIP autodialing number update issue on the device screen.
- Added face_mask parameter in the user identified event for online mode.
- Improvements in the change_log table.
- General improvements to import users.
- Database translated into multiple languages - Portuguese, English, and Spanish.

V6.2.5 (19/10/2021)

- Improvements in Vehicle Mode.

V6.2.4 (15/10/2021)

- Inclusion of Vehicle/Pedestrian mode - configurable via display, API, and web interface of the terminal.

V6.2.3 (14/10/2021)

- SIP now supports calls without "friendly name".
- RTSP streaming configurable between RGB (color) and IR (infrared).
- Improvements in the image quality of the infrared camera.
- Added configuration screen for Mifare card reading output format.
- Added configuration menu for Wiegand output format.

V6.2.2 (13/10/2021)

- Improvements in RGB camera image quality.

V6.2.1 (12/10/2021)

- General improvements to the display interface and web interface of the terminal (icon revisions, texts, error messages, etc.).
- Improvements in RGB camera image quality.
- Improvements in the usability of the microphone test.
- Continuous access release configuration screen on the display and web interface of the terminal.
- Improvements in anti-passback configuration, now with minute-scale configuration..

V6.2.0 (08/10/2021)

- Continuous access release while the face remains in front of the device (configurable on both the display and the web interface of the terminal).
- Data table for "change_logs".
- Improvements in the device microphone test.
- Improvements in face distance criteria for registration via API.
- SIP terminates the call in case of connection loss or session drop.
- SecBox menu in the web interface of the terminal.
- Improvements in liveness configuration via display and Web interface of the terminal.
- Improvements in SIP control and configuration via API and web interface of the terminal.
- Improvements in RGB camera image quality.
- Support for anti-passback.
- User photo timestamp updated when registered on the device.

V6.1.3 (30/09/2021)

- Fixed an issue where SIP intercom mode would receive calls even when disabled.
- Fixed the SIP intercom call duration counter.
- Fixed the classification of access events via push-button, web, and API as "Authorized" in the time graph of the web interface of the terminal.
- Configuration of SIP intercom in the web interface of the terminal.
- Liveness detection mode (live face) configurable on the Display and in the web interface of the terminal.

V6.1.2 (27/09/2021)

- Fix for interface freezing during remote registration.

V6.1.1 (24/09/2021)

- Fix for memory cache issue when deleting users or templates without a "where" clause.
- Increased identification attempts to conclude that a user is not identified.
- Fix in the face creation endpoint to use image dimensions during photo registration.
- General improvements in user photo removal mechanisms.

V6.1.0 (23/09/2021)

- Improvements in text display regarding upgrades to "Pro" mode on both the display and the web interface of the terminal.
- Removal of separator on the 3rd page of general settings when the Upgrade button is not present.
- SIP library update.
- Improvements in the English translation of the display interface.
- Improvements in streaming with remote authorization.
- Addition of database index to improve performance when registering user image lists.
- Correction of clock references that caused the device to restart if the clock was set in the past.

V6.0.18 (21/09/2021)

- Added "Open SecBox" button in the device's web interface.
- General improvements after testing with asynchronous remote registration.
- The device now returns the user's photo in asynchronous remote registration.
- Removed "Licenses" button and menu from the web interface of the terminal.
- Fixed memory leak in user image registration.
- Fixed zoom and crop setup to avoid invalid values.

- Protected SIP-intercom parameters for setup via API, validating the Pro license.
- Fixed access code alignment in CSV reports generated via the web interface.

V6.0.17 (16/09/2021)

- Fixed message handling for the beep sound when a user is identified in online mode.
- Fixed the flow for canceling registration via GUI.
- Improved API request handling.
- Access log via the push button in the web interface and in the CSV exported report.
- SIP-intercom configuration and camera diagnostics in the Online Mode Menu.
- Increased recognition threshold to 0.95.
- Improved application startup process.
- Improved image stream handling by the device's processor.
- The device no longer restarts when there is a failure in reading the device's temperature.
- Fixed error returns for face validation during registration via Web/API.
- Fixed duplicated reports.
- Fixed an issue causing facial recognition to stop after entering the online Menu.

V6.0.16 (14/09/2021)

- Added "Pro" license for 10,000 faces and SIP functionality.
- Support for tamper detection (device removal from its wall mount).
- Support for alarm signal for door forced open / forced access.
- Fixed formatting of the "event" and "cause" columns in CSV report export via USB flash drive.
- Fixed user identification issue via card.
- Support for panic card usage.
- Remote registration now returns the user's photo via API.
- Fixed bugs when registering user image lists.
- The device now displays an error message if there are issues during streaming on the screen.
- Improved RTSP.
- Fixed export of user lists with IDs longer than 5 digits.
- Fixed registration delay when the device has over 3,000 faces.
- Fixed a bug that caused the third page of "General Settings" to disappear with the "Pro" license.
- Rejected photos with cropped faces during registration via API.
- Improved image stream handling by the device's processor.

- Improved API mechanism for request stability.
- The device is now configured to always perform local identification.

V6.0.15 (08/09/2021)

- Authorization flow in Online mode (Enterprise).
- RTSP video streaming.
- Improved facial recognition parameters.
- Device error log telemetry.
- Fixed error return parameter when inserting an image with invalid user_id and timestamp.

V6.0.14 (01/09/2021)

- Increased the size of the button to take a photo during user registration.
- Import and export of users with their photos via the web interface.
- Added remote diagnostic tools for engineering analysis.
- Improved criteria for face framing and lighting for photo registration by the device and web interface.
- Improved live face detection (liveness) algorithm.

V6.0.13 (24/08/2021)

- Improved communication handling with SecBoxV1.
- Adjustments to the keyboard for entering SIP user login and SIP server IP/Domain.

V6.0.12 (23/08/2021)

- Fixed Menu flow with a not identified user.
- Fixed sudden return to "idle" screen on typing/keyboard screens.
- Device serial number is displayed via SSH.
- SIP user and password keyboard now supports special characters.
- SIP configuration server now accepts IP and domain names.
- Device rings upon receiving SIP calls.
- Improved SIP call quality.
- Improved sharpness criteria for registration.
- Improved SIP connection management.
- SIP connection status is updated immediately after configuration changes.
- Improved communication with SecBox.

V6.0.11 (16/08/2021)

- iDFace: Fixed user photo persistence mechanism with 64-bit ID.
- iDFace: Fixed API return when registering a photo list without a face.
- iDFace: Added "user_id" to the result of the "user_set_image_list" endpoint.
- iDFace: User editing in the web interface now notifies if the ID to be created already exists in the database.
- iDFace: Improved control flow for white LEDs.

V6.0.10 (12/08/2021)

- **iDFace:** Fixed graphical interface and web interface for internationalization in English and Spanish.
- Improved SIP login.
- Improved video stream handling from cameras.
- User photo is now deleted after user removal via the web interface.