

ZKBio Time

Release Note

Current Version: 9.0.6

Version Number: V2.1

Date: September 2026

English

Thank you for choosing our product. Please read the instructions carefully before operation. Follow these instructions to ensure that the product is functioning properly. The images shown in this manual are for illustrative purposes only.



For further details, please visit our Company's website
www.zkteco.com.

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1 Version 9.0.6 Key Updates

ZKBioTime v9.0.6 (Build 20260911.22919)

Implemented Change	Description
Components	● Apache Http Server 2.4.68 ● Python 3.11.16 ● Django 4.1.13 ● PostgreSQL 15.14 ● TLS 1.3 and TLS 1.2 only ● Redis 7.4.2.1
Compatibility	● Added support for Microsoft SQL Server 2022 and 2025 ● Added support for Windows Server 2025 ● Added Polish, Kazakh, and Azerbaijani language support
Personnel	● Employee ->Employee - Unlock mobile account ● Employee ->Employee - Reset: Self-Password/Reset: Device Password
Device	● Device->Enroll Remotely Visible Light Face Data ● Device->Clear All Command
System	● Configuration->Security Settings-Web Administrator Two-Factor Authentication ● Configuration->System Setting->Company Settings-Website Title ● Configuration->Zoom Setting ● Configuration->Attendance Transaction

2 Components

Updated software components, platform compatibility, and security settings are as follows:

- Apache 2.4.68-apache http server
- Python 3.11.16
- Django 4.1.13-python-django
- PostgreSQL 15.14
- TLS only support 1.3&1.2
- Redis 7.4.2.1

3 Compatibility

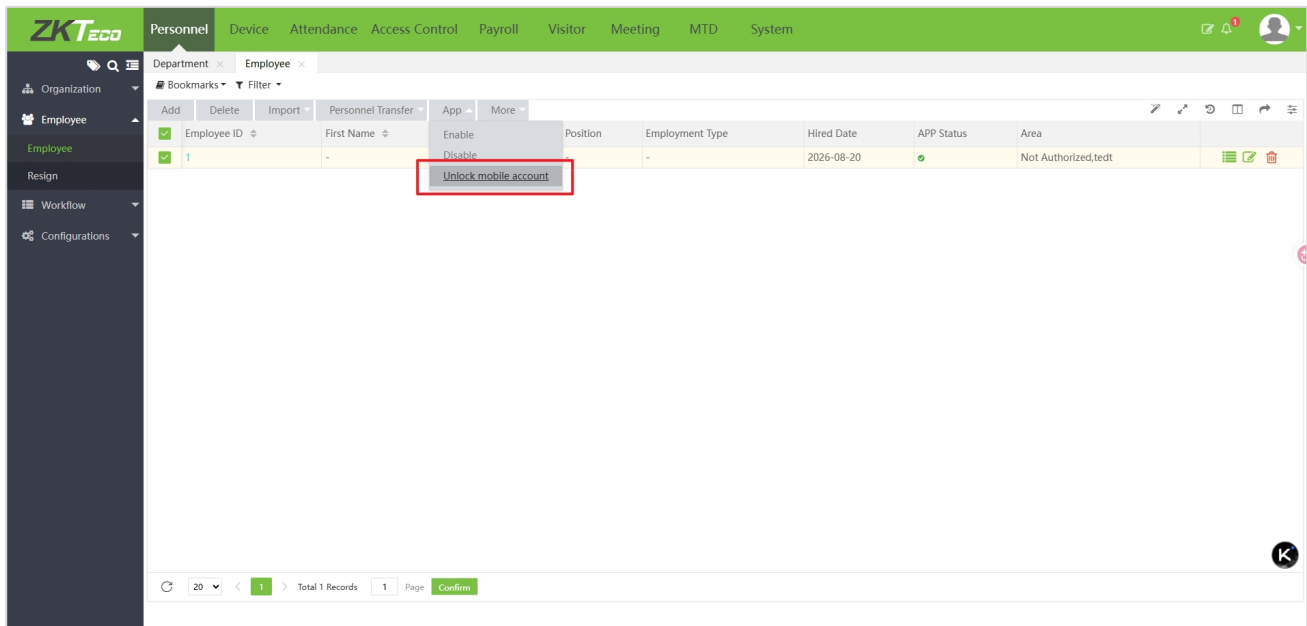
- Added support for Microsoft SQL Server 2022 and 2025
- Added support for Windows Server 2025
- Added Polish, Kazakh, and Azerbaijani language support

4 Personnel

Added Employee App Account Unlock and Batch Password Settings.

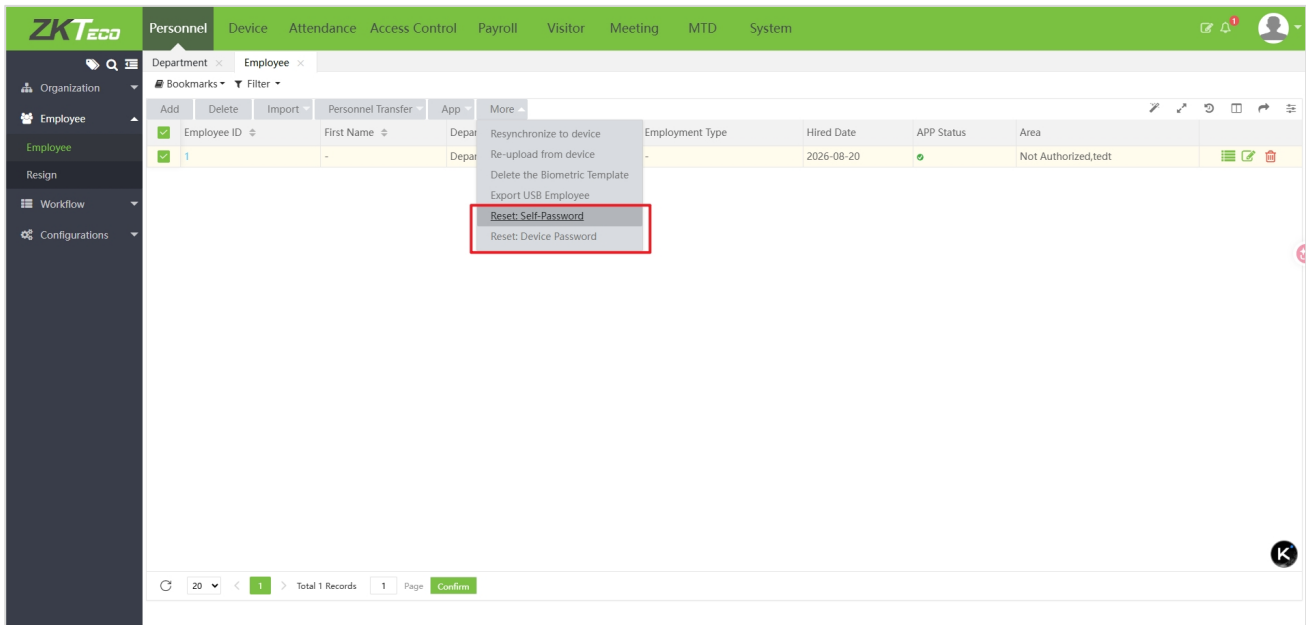
4.1 Employee App Account Unlock

Administrators can now manually unlock a locked employee account in ZKBio Time without waiting. By default, an account is locked after three consecutive incorrect login attempts and unlocks automatically after one hour.



4.2 Batch Password Settings

Added batch settings in ZKBio Time for employee Self-Password and Device Password, allowing administrators to reset these settings for multiple employees more efficiently.

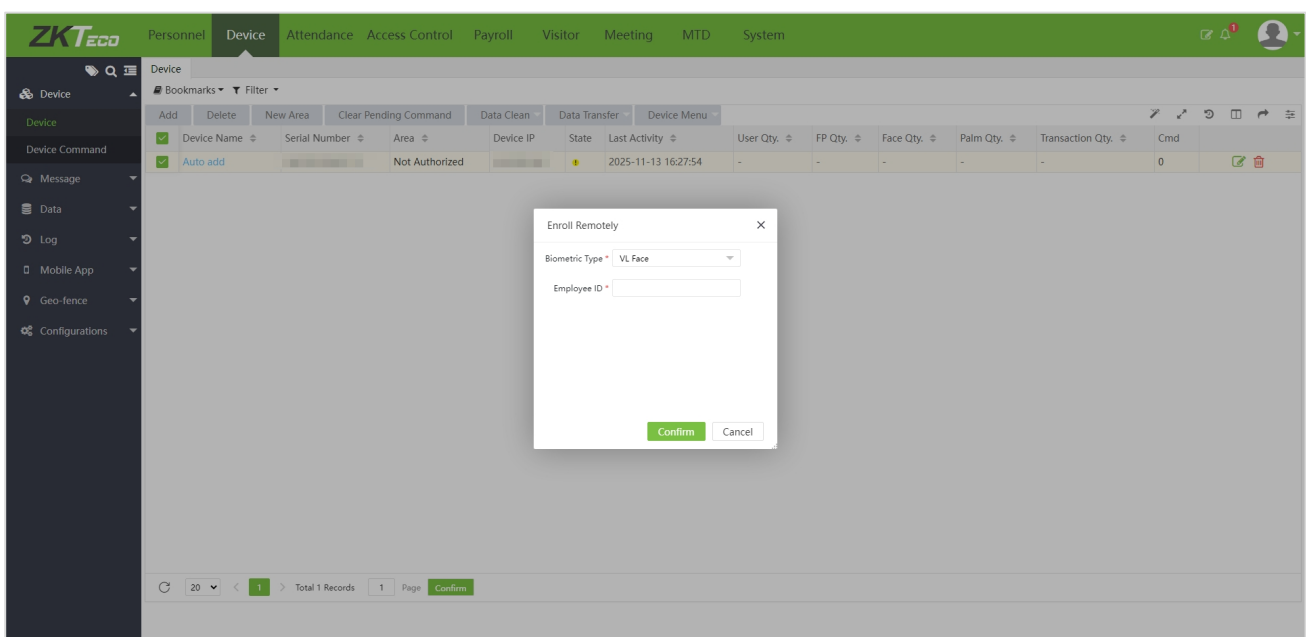


5 Device

Added Remote Visible Light Face Enrollment and Clear All Command.

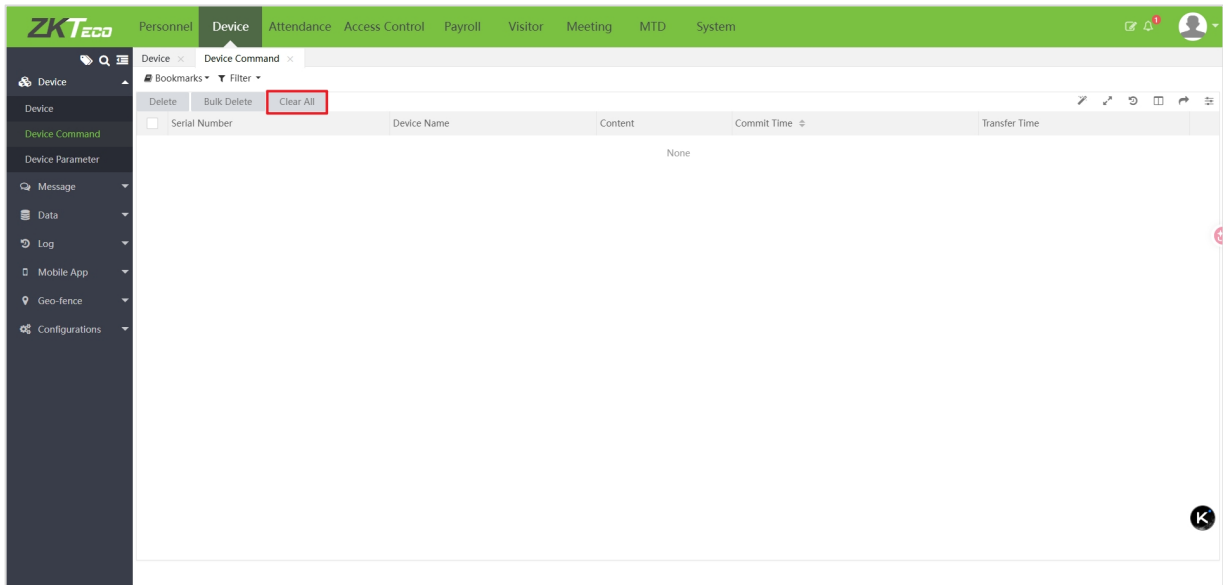
5.1 Remotely Enroll Visible Light Face Data

Added the ability to remotely enroll visible light face data for devices.



5.2 Clear All Command

Added a Clear All command for the device command list. It uses a direct database purge instead of row-by-row deletion, so it does not write per-record deletion logs. Clearing a backlog of over one million commands now takes seconds, where batch deletion was slow and caused system lag. (Note: This is an irreversible action.)

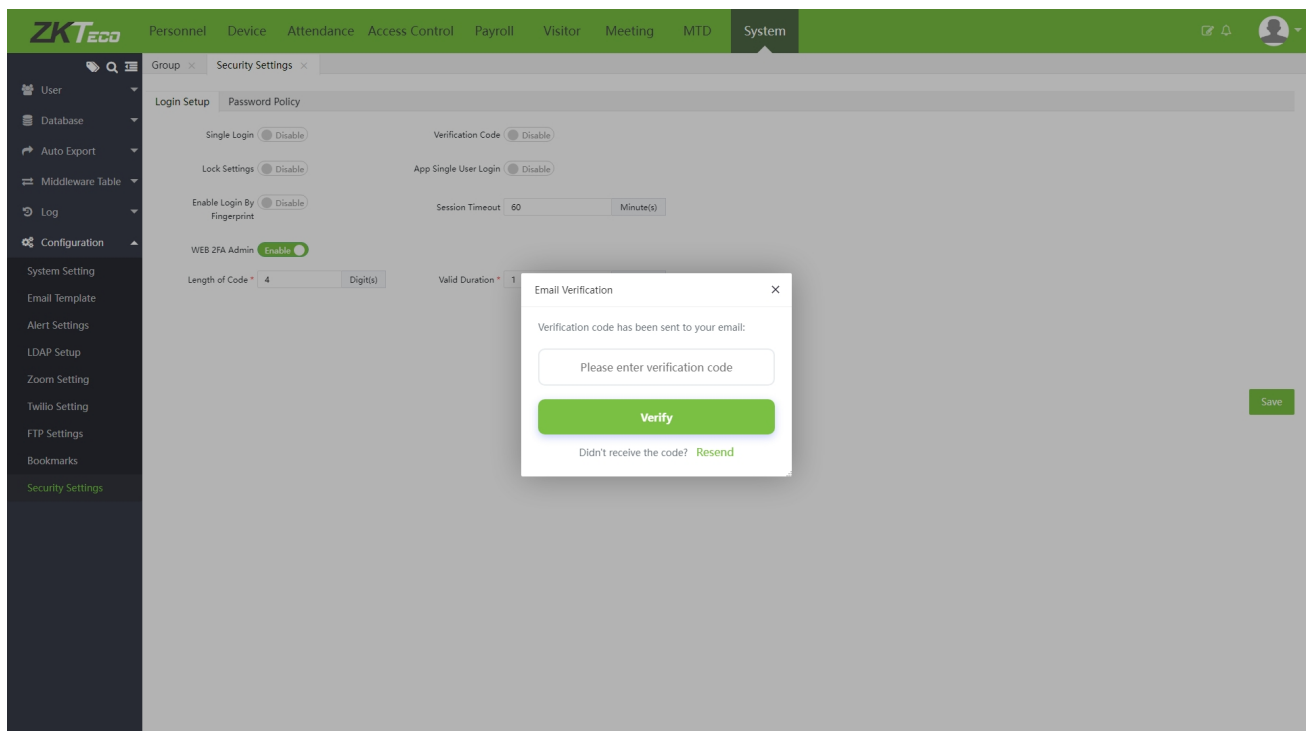
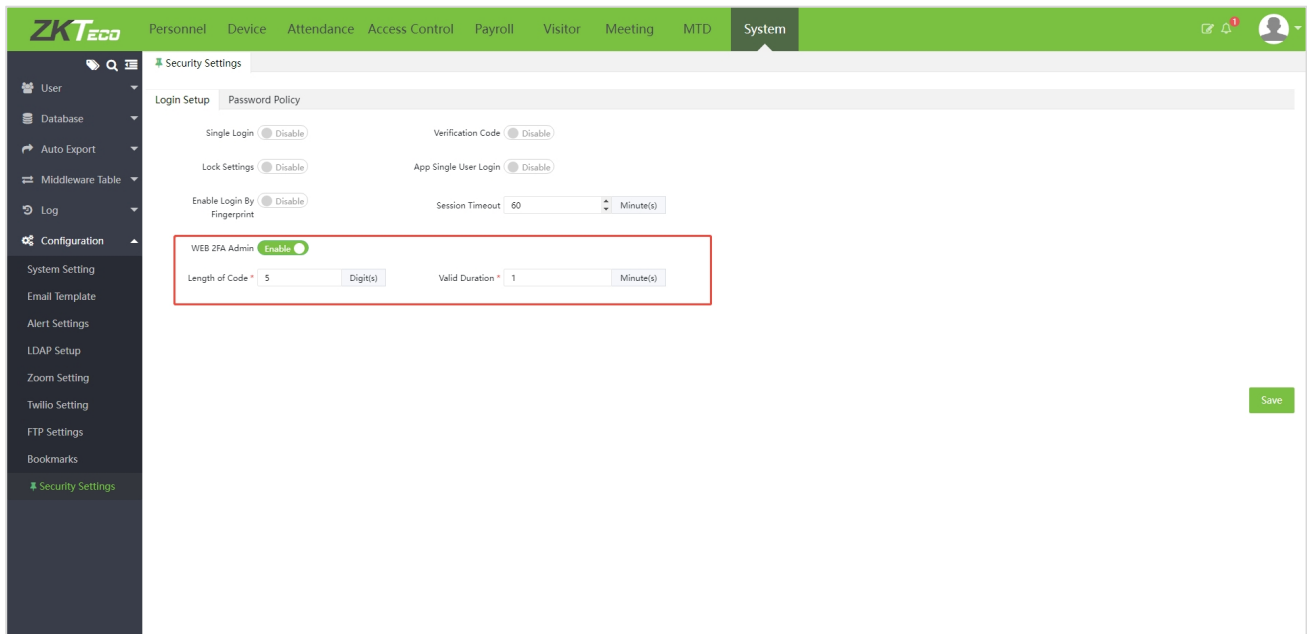


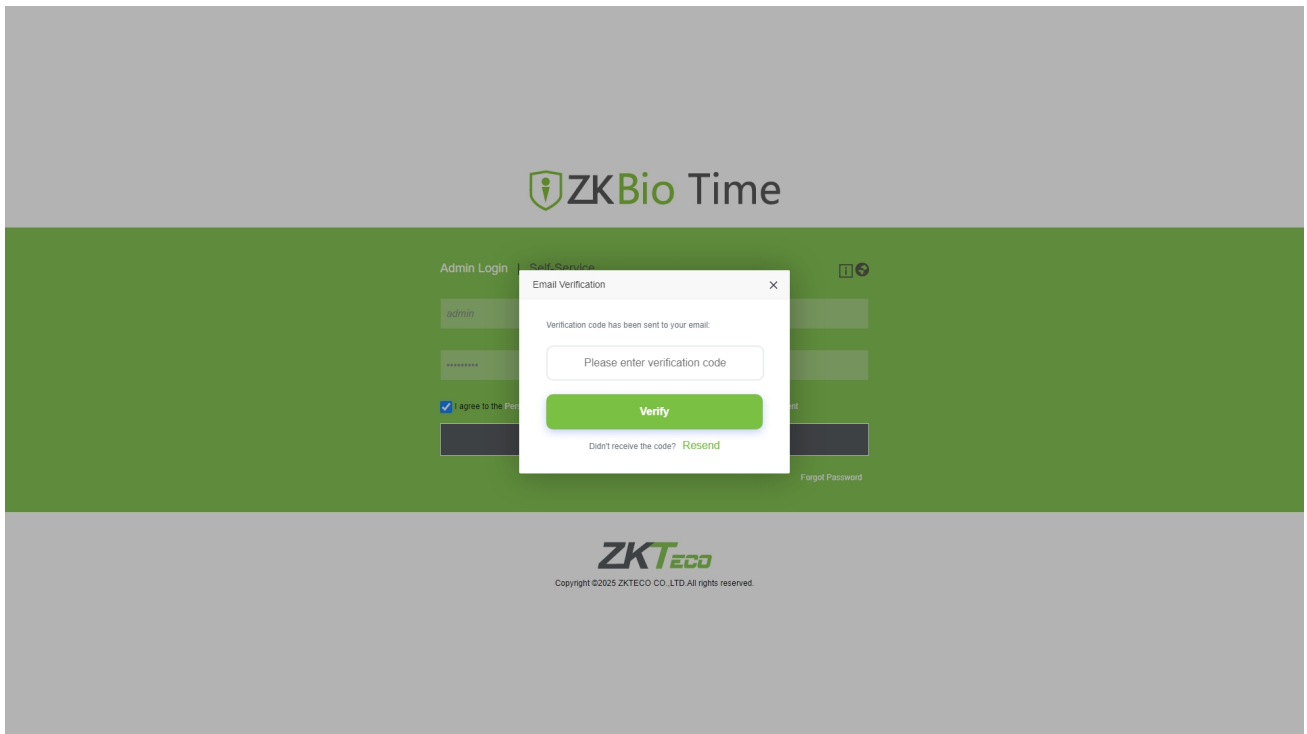
6 System

Added Web Administrator Two-Factor Authentication (2FA) for web administrators, Website Title configuration, updated Zoom settings, and support for including column names in Auto Export.

6.1 Two-Factor Authentication for Web Administrators

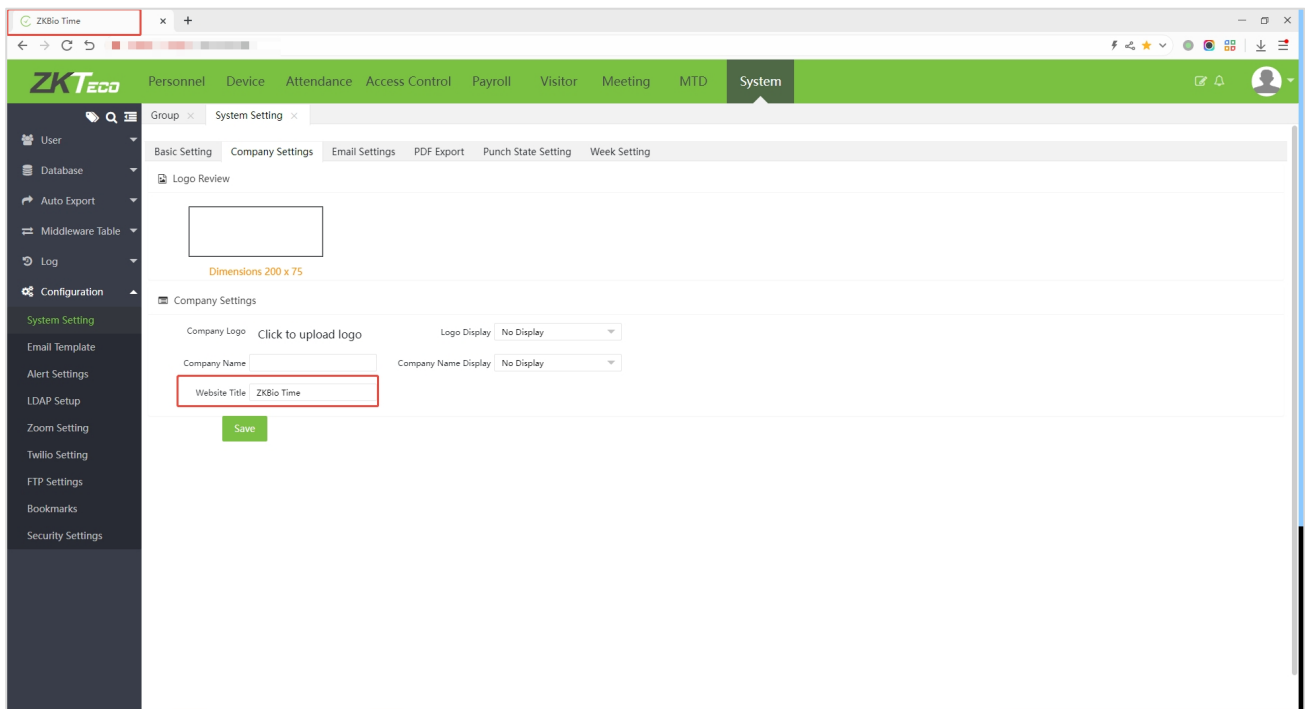
Added email-based two-factor authentication (2FA) for web administrators. When two-factor authentication (2FA) for web administrators is enabled, the system verifies the email configuration and sends a verification code to the administrator's registered email address.





6.2 Website Title

Added support for customizing the website title displayed in the browser.



6.3 Zoom Setting

Updated the Zoom integration settings to improve configuration and usability.

The screenshot shows the ZKTeco System Settings interface. The 'System' tab is selected in the top navigation bar. On the left sidebar, 'Zoom Setting' is highlighted under the 'Configuration' section. The main content area displays the Zoom Setting form with the following fields:

- Account ID* (Text input, Copy from Zoom)
- Client ID* (Text input, Copy from Zoom)
- Client Secret* (Text input, Copy from Zoom)
- Enable* (Radio buttons: Yes, No)
- Submit (Green button)

6.4 Auto Export - Include Column Names

Auto Export now supports including column names in exported files.

The screenshot shows the ZKTeco System Settings interface with the 'Auto Export' dialog box open. The 'Format Settings' tab is selected. The dialog box contains the following fields and options:

- Name* (Text input: T2)
- File Name* (Text input: cur_date)
- File Format* (Dropdown: Txt)
- Export Encryption (Dropdown: Unencrypted)
- Data Template* (Text area: (emp_code)\t(first_name)\t(last_name)\t(dept_code)\t(dept_name)\t(date)\t(time)\t(verify_type)\t(punch_state)\t(work_code)\t(card_number)\t(area_name)\t(terminal_alias)\t(terminal_sn)\n)
- Include Header* (Radio buttons: Yes, No) - This option is highlighted with a red box.
- Employee ID* (Text input: 0, Digit)
- Punch Date* (Dropdown: yyyy-MM-DD)
- Current Date (Dropdown: yyyyMMDD)
- Punch Time* (Dropdown: HHmmss)
- Current Time (Dropdown: HHmmss)
- Confirm (Green button)
- Cancel (White button)

7 Fixes and Improvements

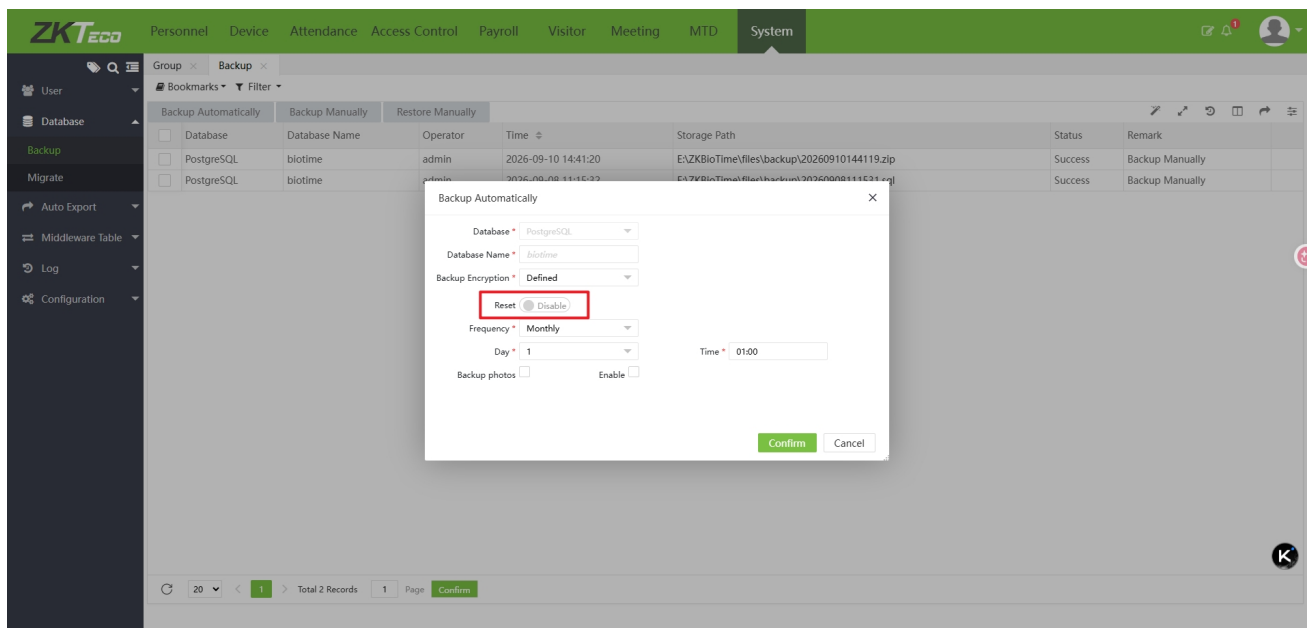
7.1 License Stability and HTTPS Support

Resolved license-related issues including abnormal behavior after license disconnection and license invalidation caused by Windows updates. HTTPS access is now also supported for license services.

7.2 Password Security

For enhanced security, plain-text sensitive passwords are no longer displayed in the web interface and can only be reset. This applies to Self-Password, Employee Device Password, Auto Database Backup, Database Migration, Email Password, Zoom Client Secret, LDAP Password, and Twilio Auth Token.

The screenshot displays the ZKTECO web interface's 'System Setting' section, specifically the 'Email Settings' tab. The interface includes a top navigation bar with various system modules and a left sidebar with a search function and a list of settings categories. The main content area shows configuration fields for SMTP Server, Port, Email Account, and TLS. Below these, there are toggle switches for 'Enable Email' and 'Enable Forgot Password', both currently set to 'Yes'. A 'Reset Password' section is highlighted with a red rectangular box, showing a radio button selection between 'Yes' and 'No', with 'No' being the selected option. At the bottom of the settings area are 'Save', 'Test', and 'Clear' buttons. The 'Account Name' is set to 'ZKBio Time'.



7.3 Visible-Light Palm Deployment for New Devices

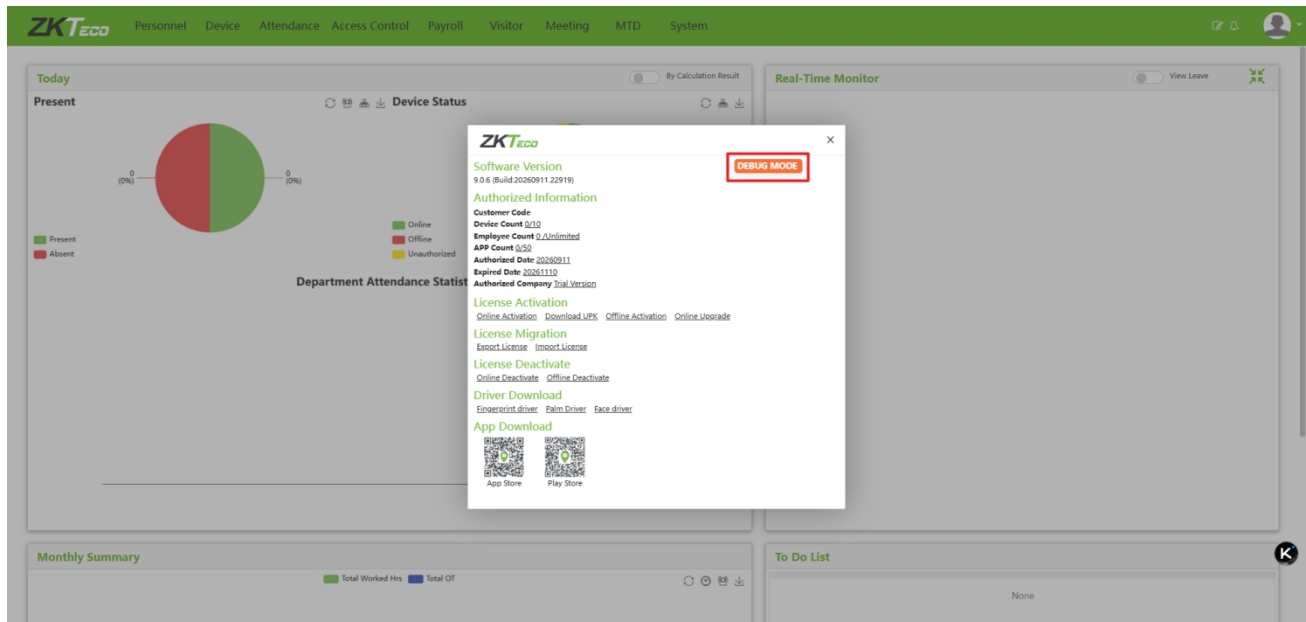
Improved the deployment of visible-light palm data to newly added devices.

7.4 Visible-Light Photo Processing

Fixed an issue where background removal did not work correctly for some imported visible-light photos.

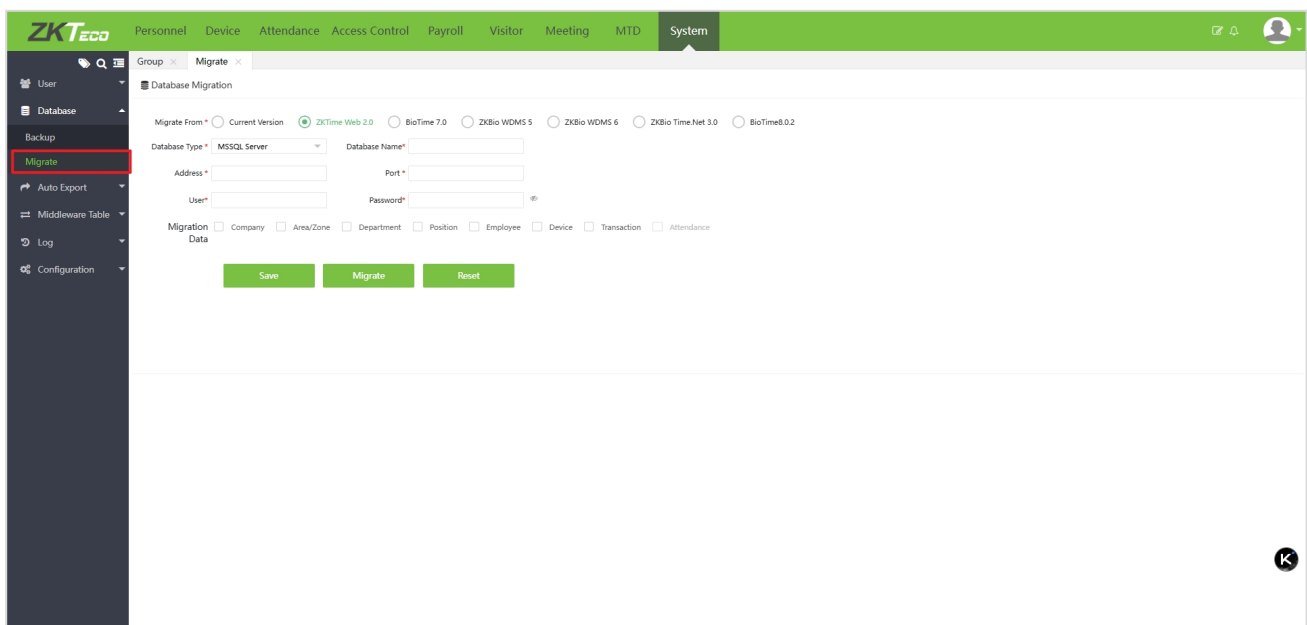
7.5 DEBUG Mode Notification

Added an on-screen notification when DEBUG mode is enabled.



7.6 Database Migration Access Control

Restricted the Database Migration function to Super Administrators and only when DEBUG mode is enabled.



7.7 PayCode Display

Fixed an issue where WorkCode was incorrectly displayed in PayCode.

7.8 Resolved Issues and System Improvements

- Fixed layout loading failures in attendance reports.
- Adjusted API permissions to enforce distinct permission tiers for employees, normal users, and super users.
- Disabled the API operation that deletes all data from a device, to prevent accidental or unauthorized data loss. Requests to this API now return the message: **"This operation is not allowed."**
- Removed the global Export Encryption and Backup Encryption password settings.
- Updated the download link for the palm enrollment device driver.
- Enhanced LDAP synchronization with pagination support, enabling seamless synchronization of datasets exceeding 2,000 records.
- Removed the third-party service wrapper utilities (SC.exe and NSSM.exe) and deprecated the standalone Monitor service installer to streamline service management.
- Updated the dashboard to display real-time punch records according to the logged-in user's permissions.
- Fixed an issue where employees were not automatically removed from devices correctly after termination.
- Fixed daylight-saving time issues, mainly related to display in the mobile app.
- Improved employee document management by optimizing the filtering process when adding documents and reducing unnecessary operations.
- Standardized Django DB connection and default schema encodings to UTF-8. Fixed character corruption (mojibake) in non-UTF-8 environments (e.g., Windows-1252 / Vietnamese locale setups).

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