

Release Notes

Version 2.5.0.0

New Features

- **Overtime Capping:**
 - Introduced automatic time account capping at month-end based on configurable threshold limits.

Enhancements

- **Approvals:**
 - Direct shortcut action added to open the daily history directly from a time correction request.
- **Time Reports:**
 - Public and corporate holidays can now be displayed as paid absences in the time report for hourly workers (target hours retrieved from time model).
- **Anomaly / Compliance Reports:**
 - Extended with additional legally relevant violation criteria.
- **Absence Calendar:**
 - Enhanced area selection UI with clear visual indicators and user guidance for multi-select.

Bug Fixes

- **Calculations & Accounts:**
 - Fixed incorrect vacation balance calculations in time tracking and annual summary reports.
 - Resolved an issue where deselecting employees during time account recalculations purged them from the selection list.
 - Backend now validates properly if cancelled bookings occur within the exact same minute.
- **Time Models & Workflows:**
 - Fixed missing break-time dropdown selection in existing weekly time models.
 - Deactivating “statutory break times” no longer causes UI softlocks or data loss upon reopening.
 - Added length limitation and validation for the “Break” field (resolving HTTP 500 server errors).
 - Time Picker: Fixed UX inconsistency where selected hours were not applied without clicking a minute value.
- **Absences & Holidays:**
 - Resolved infinite loading spinner in the absence report.
 - Added missing input length limits and validation for the “Year” field in holiday management.
 - Added input validation and field length limits for absence category names.

- **UI & Performance:**

- Audit Logs: Resolved browser Out-of-Memory crashes on large datasets by implementing server-side pagination.
- Fixed localization issues (e.g. English weekdays in German history view, untranslated strings in the icon picker).
- Fixed raw JSON output rendered in the anomaly criteria module when French language is active.
- UI/Accessibility: Improved color contrast for reference badges (“Absolute” / “Relative”) and corrected initial minimum value in numeric inputs.

Version 2.4.1.0

Enhancements

- **Data Export:**
 - Excel exports now separate employee names into two distinct columns (First Name and Last Name).
- **User Management:**
 - Employee departures can now be scheduled with a future effective date.
 - Alphabetical sorting by surname improved (always sorts by the actual last name).
- **Anomaly Reports:**
 - Direct link added to jump straight from the anomaly report into the employee's daily overview.

Bug Fixes

- Inactive users are no longer displayed during user assignment in project phases.
- Resolved an error in the anomaly report when filtering for individual employees with existing data.

Version 2.4.0.0

New Features

- **Team Hierarchies:**
 - Full support for multi-level team structures and hierarchy management.
- **Vacation Cancellation Workflow:**
 - Introduced an end-to-end request and approval workflow to revoke already approved vacation leaves.

Enhancements

- **Absence Reports & Overview:**
 - Support for logging and managing long-term absences.
 - Days worked (days without absences) can now be explicitly displayed in the absence report.
- **Approvals:**
 - Added a dedicated archive tab to review closed and processed approval requests.

- **Anomaly Reports:**

- New incident rule detecting completely missing time logs on scheduled work days.
- Added evaluation for approved correction requests due to missed clock-outs.
- Added "Department" and "Team Lead" columns to the Excel/CSV export.

- **History & Audit:**

- Introduced visual booking type icons for better clarity in the daily history.
- Extended log detail level and event metadata in the Audit Log module.

Bug Fixes

- Team Management: Resolved inconsistent saving behavior, improper field dimensions, dropdown overlap, and missing character limits.
- Project Stages: Fixed incorrect parsing of planned stage hours.
- Compliance / Incidents: Minimum required breaks are now verified against total break duration instead of raw clock events.
- Layout & Scrolling: Corrected scroll containers and auto-height issues in user management and working time model dialogs.

Version 2.3.1.1

New Features

- **Daily Time Models:**

- Daily time models can now be deactivated without being deleted.

Enhancements

- **Absence Overview:**

- Added the ability to display deactivated employees within the absence overview.

- **Time Account Recalculation:**

- Extended the functionality for recalculating time accounts.

- **Reports:**

- Added the column "Planned Vacation" to reporting.

- **Weekly Time Model:**

- Added a function to display all linked employees directly from a weekly time model.

Bug Fixes

- Absence Overview: Non-working days are now correctly displayed within the yearly report.
- Holiday Import:
 - Added preview/information display for already imported holidays.
 - Improved handling of the "No Entries" message.
 - Enhanced editing capabilities for imported holidays.
- Notifications:
 - Absence requests are now visually marked according to their approval status.
- Project Stages:
 - Improved the display of activity types.

- Fixed an issue causing an empty project stage entry to be displayed.

Version 2.3.0.0

New Features

- **Audit Log:**

- Introduced a new module for tracking and auditing system activities.
- All relevant actions are logged and can be reviewed centrally.
- Supported event categories include:
 - USER (Create, Edit, Delete, Role Changes, Password Changes, RFID Assignment, etc.)
 - TIME BOOKINGS (Create, Edit, Delete)
 - TIME CORRECTIONS (Request, Approval, Rejection, Manual Adjustments)
 - ABSENCES (Request, Change, Approval, Rejection, Delete)
 - MASTER DATA (Absence Types, Holidays, Time Accounts, Models)
 - SYSTEM Events
 - AUTH (Successful / Failed Login)

- **Half-Day Public Holidays:**

- Added support for creating and managing half-day public holidays.

- **Time Account Functionality Extended:**

- Enhanced the “Clear Time Account” function for more flexible handling of employee time accounts.

- **Incident Report:**

- Added a new “Balance” criterion to incident reports.
- Allows targeted analysis of employees with unusual time account balances.

Bug Fixes

- Improved monthly display within the Absence Overview.
- Fixed inconsistent search results in the absence list after using the “Show All” function.

Version 2.2.1.1

- **Highlights & Enhancements:**

- **Team Management & Hierarchies:**

- COBI.time now supports full team hierarchy management.
- Teams can be managed directly within COBI.time.
- A new frontend module allows users to create and maintain hierarchies (parent/child teams, members, structure).
- The functionality can be enabled via settings.

- **Time Models & Tracking:**

- Day models (daily work time models) can now be deactivated instead of deleted.
- Time capping is now visibly displayed in the daily history.
- Users can clearly see when working time limits have been applied.

- **Reports & Statistics:**

- New project time reports have been added:
 - Project Reports
 - Financial Project Reports
 - Service Call Reports
- Reports can now be exported as:
 - CSV
 - PDF
- The Sickness KPI has been extended:
 - Multiple absence types can now be included in the calculation
 - Configurable via system settings
 - Statistic tiles reflect the selected configuration
- **Exception & Compliance Reporting:**
 - A new module “Exceptions” (Auffälligkeiten) has been introduced.
 - Includes:
 - Exception Reports
 - Exception Criteria configuration
- Supported evaluations include:
 - Working time violations (e.g. too long, too short, no work)
 - Manual time corrections tracking (how often and by whom)
 - BEM evaluation (employees with more than 42 sick days within 12 months)
- **Bug Fixes:**
- **User & Integration:**
 - Fixed an issue where user import did not correctly trigger SAP cron jobs
- **Absences & Calculations:**
 - Corrected incorrect calculation of absence periods
- **General Stability & Improvements:**
 - Multiple additional bug fixes and stability improvements based on testing feedback
 - UI inconsistencies in team hierarchy management resolved
 - Performance and input validation improvements in team management module

Version 2.1.0.7

- **Highlights & Enhancements:**
 - **Reports & Statistics:**
 - A new submenu called “Statistics” is now available in the Reports module.
 - It is now possible to display the company's sickness rate as well as the sickness rate of individual employees or departments as tiles.
 - The evaluation can be configured flexibly using different analysis modes.
 - Working time reports have been extended with the new columns Start Time and End Time.
 - In addition, the working time reports now include the columns Remaining Vacation and Vacation Entitlement.
 - The values are calculated historically correct depending on the selected To Date (e.g. current remaining vacation for today or the remaining vacation at a previous point in time).

• Absences & Requests:

- Employees can now continue to view their own submitted absence requests after submission.
- Submitted requests therefore remain visible to the requester and no longer disappear until they are approved.
- Absences are now easier to identify in the attendance list.
- A tooltip displays the full absence period, for example: "Absent (Sick Leave): xx.xx.xxxx to xx.xx.xxxx".
- Standard employees only see the neutral status "Absent" with a generic icon for colleagues to comply with data privacy regulations.
- Specific sickness icons and detailed absence reasons are strictly restricted to users with HR or managerial permissions.
- The respective absence reason is now also displayed directly on the employee card.
- A new option has been added to absence reasons: "Half-day absence allowed: Yes/No".
- This allows control over whether an absence reason can be requested as a half day.

• Time Tracking & Bookings:

- Four new booking functions have been added:
 - Start Doctor Visit
 - End Doctor Visit
 - Start Business Errand
 - End Business Errand
- Time correction requests can no longer be submitted for the current day if there are still open bookings (e.g. only "Clock In" booked).

• Approvals & Permissions:

- A new overview page for time correction requests has been introduced.
- All time correction requests can now be viewed centrally and filtered by date, user, and other criteria.
- Notifications now only serve as a jump-off point to the new overview and no longer contain a direct approval function.
- The permission logic for the Team Absence Overview has been adjusted:
 - Users with this permission now only see employees in teams where they are the team leader.
 - Users who are only team members no longer see any employees in this overview.
 - The current user is not shown in the list.
- As part of this change, the user permissions have been extended.

• UI & Design:

- The navigation menu can now be expanded.
- A pin function allows the menu to remain permanently expanded.
- The display of absences in the attendance list has been improved so that relevant information can be recognized more quickly.

• Bug Fixes:

- Reports & Export:
 - Fixed an issue in time report export so that reports are now correctly printed across multiple pages.
 - Fixed an issue where no values were displayed in the Working Time Report Clock In + Clock Out.
 - Fixed an endless loading spinner in time reports for financial projects without a name.

- Time Tracking & Calculations:
 - Fixed issues in manual time tracking.
 - Corrected incorrect project time calculations.
 - Fixed an issue where sickness hours were counted as overtime.
 - Corrected the calculation of absence periods.
 - Fixed time capping on non-working days.
 - Added missing validation for the status “Work Started” to prevent corrupted history displays.
 - Ensured that vacation days can no longer become negative.
- Stability & Navigation:
 - Fixed an issue where pressing F5 always redirected users back to the main menu.
 - Fixed a caching issue on the COBI.time website that caused outdated pages to be shown after updates.
 - Fixed an issue in user management where the pagination state was reset after editing.
 - Fixed a NullPointerException in user management.
 - Resolved errors in the Working Time Models view.
 - Fixed scrollbar issues in the daily history table.
- Absences, Translations & Miscellaneous:
 - Fixed an issue when saving e-mail notifications for absence requests.
 - Corrected an error when selecting the vacation account based on the year.
 - Fixed an issue when saving absences.
 - The KPI “Sick Days” now correctly includes employees without a working time model.
 - Cleaned up incomplete and inconsistent German and English translations in buttons, messages, dialogs, and notifications.
 - Fixed stability issues in absence management related to invalid name lengths.
 - Corrected user import behavior related to SAP cron job processing.

Version 2.0.1.2

- Highlights & Enhancements:
 - **COBI.time PWA & Tablet:**
 - Introduction of COBI.time [Progressive Web App](#) for improved usage on mobile devices.
 - Completely reworked Tablet View for optimized display on larger touch screens.
 - Updated Favicon.
 - **Manager & Team Functions:**
 - Managers can now submit absence requests on behalf of employees and add comments to reports.
 - Permission adjustment: “View Times” is now restricted to the user's own team instead of the entire company.
 - **Time Tracking & Logic:**
 - Flextime Model: Decoupled the dynamic booking range from target working hours.
 - RFID Login: Location is now automatically set to “In House” when logging in via RFID.
 - Overhaul of the Settings menus.
- UI & Design:
 - Increased spacing between main action buttons (Arrival, Departure, Break, Location) to prevent accidental clicks.

- Layout optimization in the Absence Overview (handling of long employee names and missing profile pictures).
- Dark Mode Fix: Date field in “Edit Automatic Model” is now readable.
- Bugfixes:
 - **Stability & Installation:**
 - Fixed issues with “Clean Install”.
 - Fixed startup crash when the Logo setting was missing.
 - Resolved various errors in COBI.time Log and adjusted Prisma configuration requirements.
 - **Time Tracking & Calculation:**
 - Fixed “Arrival” window issue: Closing the window previously prevented subsequent clock-ins.
 - Fixed persistent warning toast “Date is in the future” during manual time recording.
 - Resolved issue with “Next-Day Clock-out” (consecutive bookings within the same minute).
 - Fixed infinite loading loop when using the “Recalculate Time Accounts” button.
 - Absence Report: Fixed incorrect calculation of remaining vacation per day.
 - Saving multiple absence reasons simultaneously is possible again.
 - **Display & Export:**
 - Excel Export: German special characters (Umlaute Ä, Ö, Ü) are now displayed correctly.
 - Fixed an issue where the time recording window appeared empty.
 - Corrected various translation errors (e.g., “RFIDReset”, “Close” button, column title “icon”).

Version 2.0.0.4 (November 2025)

- New Database Architecture: COBI.time now stores time data in its own PostgreSQL database instead of directly in SAP.
This significantly improves performance, stability, and independence from the SAP database server.
- New Time Report Layout:
 - Redesigned time report view with a clear structure and new color logic (green = completed weeks / yellow = current weeks / blue = absences).
 - Fully revised column headers for better readability.
 - Integrated summary section at the end of the table, showing total vacation, used vacation (previous and current month), and remaining vacation.
 - New export options: separate EXPORT (single report) and EXPORT ALL (complete report) buttons.
 - Improved calculation logic for target times and time differences.
- UI & Design:
 - Modernized interface for time reports with improved visual separation between calendar weeks.
 - Unified color and font styling.
 - New logic for color-based highlighting of absences and holidays.
 - Adjusted to the overall COBI.design guideline.
- Performance Improvements:
 - Faster loading times for monthly reports through asynchronous data processing via

- PostgreSQL.
 - More stable handling of large datasets in time and absence modules.
- Enhancements & New Features:
 - Extended calculation and storage of break times and target time corrections.
 - Improved table filtering and sorting options (preparation for dynamic column filters).
 - Extended permissions for reporting and management functionalities.
- Technical Changes:
 - Adjusted API interfaces for the new database structure.
 - Revised Service Layer calls for synchronizing employees, time models, and absence types.
 - New logging mechanisms for database actions (PostgreSQL logging).
- Bugfixes & Stability:
 - Fixed rounding errors in time difference calculations.
 - Improved display of absence times in reports.
 - Minor UI fixes (tooltips, column widths, translations).

Version 1.9.6.1h (October 2025)

- New wiki entry for [Service Layer configuration](#): instructions for a performant and stable installation
- New option “[Pin unlock](#)”: the start screen can be secured by a PIN (defined in the .env file on the server)
- Terminal mode: configurable seconds until automatic logout in the startup screen
- New language added: French
- Day models: possibility to define overall or fixed break times
- Week models:
 - Option “Automatically deduct statutory break times”
 - Flexible capping of start and end times (e.g. automatic login and logout based on defined limits)
 - Deactivated week models can be displayed
- Absence management: new option for managers – unpaid absence
- Improvements in the UI / naming of various buttons and fields
- User management: new rights available
 - Management
 - Absence overview
 - Reporting
- Time model closing: new checkbox “Carry over time account balance from previous time model”
- User rights: new search and filter functionality
- New standalone module: Cost centers
- Selection of financial projects and cost centers from SAP now possible
- Attendance overview: display of online status (green/red dot)
- Time reports: extended storage and display of break times
- New module: Time report
- New modules: Management and Reporting
- Bug fixes, performance and stability improvements

Version 1.9.4.1 (May 2024)

- Possibility to post to cost centres
- Selection of employees in the manual time recording module
- Comment field for approval or rejection of absence requests, which is also displayed in the applicant's notifications
- Absence management: differentiation between paid and unpaid absences

Version 1.9.4. (March 2024)

- Display of the business partner for selection in the case of manual time entry
- Requests for time correction possible, automatic adjustment of the time account
- Project times are displayed in the daily history
- Authorisation system for projects from project management and service calls
- Log files
- Performance optimisations
- Design adjustments

Version 1.9.3.1f (February 2024)

- Optimisation of performance when working with multiple project levels
- Bugfix: Posting business trip times

Version 1.9.3.1e (February 2024)

- New function: Time accounts for all employees can be recalculated in the event of discrepancies
- Bugfix: Correct display of project working times in the time report

Version 1.9.3.1d (January 2024)

- Bugfix: Correct carryover of remaining holiday days to the new year (holiday account)

Version 1.9.3.1c (January 2024)

- Optimisation of the terminal mode
- Bugfix: Approval of absence requests

Version 1.9.3.1b (January 2024)

- Deauthorised users are no longer displayed for selection in the time report
- Optimisation of the absence overview

Version 1.9.3.1a (December 2023 Hotfix)

- Deactivated users are no longer displayed for selection in the time report
- Bugfix: Absence requests submitted in version lower than 1.9.3 can now be authorised
- Bugfix: Project levels without names in SAP are now displayed as an empty field for selection
- In the time reports exported to Excel, the working and break times are shown separately.

Version 1.9.3.1 (December 2023)

- New setting: Business trip button should only appear on the day when there is an approved business trip
- Bugfix: Display business trips in the absence overview

Version 1.9.3 (November 2023)

- Users can book business trips
- Managers and deputies can be assigned in the user administration to receive absence requests
- Users also have the option to receive notifications by email
- In the absence overview, the date is displayed in the individual columns
- The annual leave is calculated automatically at the turn of the year
- When booking on projects, a search field has been added so that you can search for projects and levels
- Version for mobile phones is available

Version 1.9.2.1 (August 2023)

- Optimisation of user and daily model management
- Redesign of the manual time recording
- Definition of user rights has been revised
- User group module: Overview of user rights has been optimised
- New setting: Default setting for a federal state can be selected
- The public holiday calendar for the next year can be imported at any time.

Version 1.9.2 (August 2023)

- Possibility to request half a day of leave
- Optimisation of the absence overview
- New setting: You can choose in which language notifications should be generated

Version 1.9.1 (July 2023)

- Unordered List ItemExtension of the public holiday management: it is possible to import public holidays for different federal states (currently only Germany).
- Federal states can be assigned to individual users. The federal states are now taken into account when working time is calculated.
- Adaption of the dark mode to manual time recording, user group administration, user administration and time correction.

Version 1.9.0.5 (June 2023)

- Optimisation of the time recording
- Optimisation of the attendance list

Version 1.9.0 (May 2023)

- Implementation of a new User Interface (UI)

Version 1.0.5.4 (March 2023)

- New setting option : When selecting projects in project management, the name of the finance project is displayed.
- New setting option: The cost centre can be shown or hidden during manual time recording.
- New setting option: A comment field for the time correction can be shown or hidden.
- In case of several absence requests of an employee, an overview (list) of all requests is now opened
- Bugfix regarding the creation of time sheets in older SAP versions

Version 1.0.5.3 (February 2023)

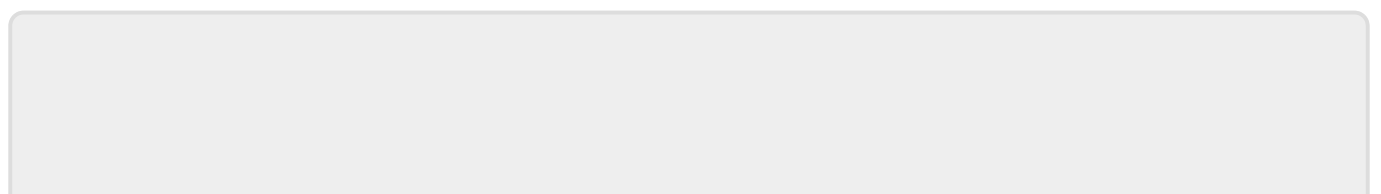
- New setting option: A comment field for posting on projects can be shown or hidden.
- New setting option: Automatic break correction

Version 1.0.5.2 (January 2023)

- New colour options for creating reasons for absence
- Users within the user administration are sorted by last name
- Users within the absence overview are sorted by first name
- Possible correction of the remaining holidays from the previous year
- Weekends are greyed out in the absence overview
- Improved communication speed between COBI.time and SAP with regards to notifications
- Bugfix, when leaving the attendance list, it is no longer displayed afterwards.

Version 1.0.4.5 (September 2022)

- RFID-Login, ability to log into COBI.Time with a RFID chip.
- Automatically working time capping, it is now possible to set a check mark for weekly time models, then the working time outside of the start and end time will be capped.



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