

# Release Notes

## Version 2.2.1.1

- **Highlights & Enhancements:**

- **Team Management & Hierarchies:**

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

- **Audit Log:**

- A new module for **activity tracking and traceability** has been introduced.
  - All relevant system actions are logged and can be reviewed centrally.
  - Supported event categories include:
    - USER (create, update, delete, role/manager changes, password changes, RFID assignment, etc.)
    - TIME (create, update, delete)
    - TIME CORRECTIONS (request, approve, reject, manual changes)
    - ABSENCES (request, update, approve, reject, delete)
    - MASTER DATA (absence types, holidays, time accounts, models)
    - SYSTEM events
    - AUTH (login success, login failure)

- **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”.
  - 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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