

Auditbase

Office Management System

Version 6.10.0 released for Denmark, Norway,
Sweden, Finland, Ireland and the UK

What's New

Changes in version 6.10.0

Auditdata

What's New

Clinical records

Journal

- In Journal, the Hotkey text functionality and its configuration have been made more visible, making the feature easier to use, especially for new users.
- To support this, a button for opening the Hotkey dialog has been added to the main Journal screen editing area. The dialog can still be used both to insert text and to define Hotkey text.
- The Hot key properties dialog has been enlarged, allowing more content to be displayed and providing a better overview of the available hot keys.

PREM questionnaire

- PREM-16 and PREM-9 have been added as standard built-in questionnaires, providing an improved user interface compared with custom PREM-16 questionnaires and supporting automatic score calculation.
- The DB Update tool copies the data from the PREM-16 custom questionnaire to the hardcoded one, which allows reviewing the existing results on a better layout.
- As with the custom PREM-16 questionnaire, a user report is available for the standard PREM-16 questionnaire, allowing the results to be exported for analysis in Excel.
- The report now includes more patient data, which allows more comprehensive data analysis.
- A version of the report for the PREM-9 questionnaire has been added, allowing PREM-9 results to be exported to Excel for analysis.

Hearing instrument related

Earmould dialogue

- Auditbase now includes functionality for integrating with external earmould ordering systems. Namely, submission of earmould orders to external systems is now available.

- The purpose of this functionality is to enter earmould details in Auditbase and getting the order in the external system automatically, which significantly reduces time needed for entering the same Earmould order details in the external system, saving technicians' time.
- The submission can be made available on the manufacturer basis, which allows electronic submission for manufacturers supporting integration with Auditbase as well as 'traditional' way of earmould ordering, providing flexibility to the system.
- For submitting an earmould order to an external system, the Submit button has been added to the Earmould screen, which makes submission under full control of the user, so it can be done, when the order information is fully entered.
- General submission status and details for each ear side can be viewed on the Earmould screen, which makes tracking earmould orders progress convenient.
- Auditbase is able to integrate with 3Shape Shell Manager, so orders can be submitted there.
- In order to make integration possible, multiple improvements have been made to the Earmould screen and Earmould setups.
- You can now add earmould impression scan files to an earmould record, which provides more comprehensive information about the earmould order. The files can be further reused, they are stored in the Documents and Attachments module.
- Submission can be configured to block record submission until scan files have been attached, helping ensure that only complete records are submitted.
- Impression scan files are visible on the earmould record and stored in the Documents and attachments module, which allows further download and reusing the files.
- The new 'Earmould scan files' checkbox allows administrators to specify which document types are used to store scan files.
- The Earmould list dialog has been enhanced with filters for the date an earmould was sent to the manufacturer. Where submission is enabled, users can also filter for earmoulds that have not yet been sent. This provides a quick overview of earmoulds by sending date and submission status.
- Users can now select a soundbore on the Earmould screen in Auditbase. The required configuration has also been added to the Administration tool, allowing earmould order information to be captured more precisely.
- External codes have been added to the Earmould manufacturers setup, which allows specifying values for submission per manufacturer.
- Ventilation values can now be selected from a drop-down list with content defined in a new setup in the Administration tool, allowing users to enter ventilation values more accurately. The option to enter a value as free text has been retained.

- A setup for submission values by manufacturer and earmould type has been added, allowing submission values to be configured for each manufacturer and earmould type.
- Submission rules can be configured on the new 'Earmould submission' event in the Administration tool, which makes configuration consistent with other data submission configuration.
- Some fields can now be configured as mandatory when saving an Earmould record, helping ensure that more comprehensive information is entered.
- The following fields can be configured as mandatory: Manufacturer, Customer, Sent to manufacturer date, Audiogram, Material, Ear scan file, Soundbore.
- Fields can be configured as mandatory or optional at both the system and manufacturer levels, providing greater flexibility in data entry, particularly when integrating with earmould ordering systems.
- The process of registering re-moulds has been improved, simplifying the workflow for earmould technicians. A re-mould can now be registered from either the new mould or the original mould record.
- When the Re-mould checkbox is selected on an old mould record, the system displays a dialog with the list of previous moulds. After a previous mould is selected, its details are copied to the new earmould record.
- The process can also be started from the old earmould record, where users can tick the new Re-mould button, which copies the record details to a new earmould record.
- Reviewing a client's appointments from the Earmould screen is now more intuitive. To support this, the Waiting list entries button has been renamed Client's entries, making the terminology consistent with the rest of the system.

Stock

- When you scan hearing-aid barcodes into Stock, Auditbase now shows how many you've scanned so far — making it easier to track batches and avoid missing items.
- The Lent out printout now includes the patient's next appointment, giving stock administrators more complete information at a glance.
- The Lent out dialog has been made wider, which allows stock administrators to see more information on the screen without scrolling.

Letters, attachments and reports

Letters and printing

- A comprehensive set of document variables has been added for including earmould information, including scan files, in documents. This allows earmould orders to be created using Documents and attachments. This functionality is available under licence control.
- On Sending a booking letter dialog, the system displays a confirmation warning if the recipient's email address has been changed, reducing the risk of changing it to an incorrect value.

Letters and printing

- Documents and letters now support a range of new variables, helping you create richer, more detailed correspondence and reports.
- A new variable allows the patient's practice name to be inserted as the first line of the GP address, improving the accuracy of letters and reports.
- New variables can pull through the patient's GP and ENT email addresses, as well as the referrer's email address — so your letters include the right contact details automatically.
- You can now use document variables for the patient's current earmoulds, making it easier to include up-to-date device details in letters and reports.
- You can now use document variables for the patient's COSI questionnaires, allowing patient feedback recorded in COSI to be included in letters and reports.
- The system allows up to two questionnaires to be selected for inclusion in documents and letters.

User reports

- Based on the users' feedback, we have added a new DM01 report, "Patients waiting - based on appointments (with and without WL data)".
- The report is intended for users who still book appointments directly on the Booking screen, not linking them to a waiting list entry.
- When waiting list data is saved to appointments, waiting time is calculated. Appointments without waiting list data are shown with an empty waiting time, making it easier to identify patients who are still waiting.
- The report is compatible with Auditbase versions earlier than 6.10.0, allowing it to be used without upgrading to version 6.10.0.
- A Swedish-specific Monthly Hearing Device Issue report has been added to the system. It follows the National Hearing Aid Reporting format for accessories and devices, giving stock administrators a better overview of issued devices and supporting reporting to the national repository.

Locations and departments

Locations and departments

- Custom colours are now available for Location and Department symbols. In addition to the 16 standard colours, up to 32 custom colours can be defined and used, making location management more flexible and giving the interface a more modern appearance.
- Several colours matching the Auditdata colour scheme are predefined during the upgrade to version 6.10.0, extending the palette and demonstrating the available colour customisation options.

Measurement and clinical

Audiogram

- Auditbase now supports binaural sound-field measurements, which enables you to see the binaural results measured with your audiometers in Auditbase. In the UK, this update meets British Society of Audiology (BSA) requirements, helping you stay compliant and pass audits with confidence.
- Auditbase supports both unaided (normal) and aided sound-field measurements. New binaural symbols have been added to the Audiogram Symbols setup, allowing these measurements to be recorded clearly.
- UK databases now include new binaural symbol definitions. We've also added updated monaural aided symbols and reused the existing monaural unaided sound-field symbols for consistency.
- In Denmark, Norway, Finland and the Netherlands, the symbol images match the UK set for a consistent experience.
- In Sweden, we use the binaural symbols already available in your symbol setup, so familiar customer-defined symbols continue to work.
- For Swedish databases, existing audiograms have been updated to use the new symbol structure, so older and new audiograms look consistent.
- If you've created your own symbols and they're already in use, Auditbase won't overwrite them — your custom setup stays intact.
- You can record the new normal and aided sound-field measurements whether you create audiograms via NOAH or directly in Auditbase (using the panel interface).
- You can plot both normal and aided binaural measurements at the same frequency, in line with audiology standards.

- In split-view audiograms, binaural symbols are shown on both the left and right graphs, making the measurement easy to spot – this works in all creation modes.
- When plotting manually in split view, the binaural symbol appears on both graphs no matter which side you click.
- When entering binaural measurements using a panel interface in split view, the cursor appears on both graphs for clear feedback.
- Binaural measurements saved in NOAH are displayed in Auditbase with binaural symbols on both graphs in split view.
- You can now print multiple patients' audiograms in one go, saving time when preparing for reviews and checking a patient's audiological history.
- On the Speech tab, you can now specify whether results are based on recognised phonemes or recognised words – making interpretation clearer and more accurate.
- Audiogram types can now be marked as outdated, reducing selection mistakes while keeping historical records available.
- The measurement type on the Speech tab is now configurable, allowing speech measurement results to be recorded more accurately. The speech type configuration is shared with the Other Speech test, enabling a single configuration to be used in both areas and reducing duplication.

Speech tests

- On the Other Speech test, you can now indicate whether results are based on recognised phonemes or recognised words, helping ensure consistent interpretation.
- You can set a default (phonemes or words) for each speech test type, making data entry quicker and keeping results consistent.

Onward referrals and reporting

Onward referrals and reporting

- The extensions to the Onward Referrals module have been implemented to improve the workflow for reviewing patient data from onward referrals, enabling more efficient use of the module when collecting patients' onward referral lists.
- The primary purpose of the module remains unchanged: to add patients to onward referral lists based on audiograms at the time the audiogram is created. This allows patients to be added to onward referral lists (such as Implant or LRDC) as soon as an audiogram is saved, reducing the risk of missing patients who require further services. The changes focus on improving the workflow after patients have been added to the list.

- Patients on the Onward Referral list are now filtered by the current location, making list review easier for multi-location sites.
- A user report can now be linked to an onward referral list and launched directly from the onward referral, making it easier to generate patient data outputs from the list for review and analysis purposes.
- The reports are intended to output measurement data for patients already included in an onward referral, making their data easier to review.
- Reports for the 'standard' lists have been added and linked to the following lists: LRDC, Implant Candidates, and the Swedish Severe Hearing Loss Registry. This makes it easier to verify data in the standard lists.
- All reports include parameters for filtering patients by status and the date they were added to the list, making it easier to review data for newly added patients.
- All reports include location as a parameter, making patient review easier for multi-location sites.
- The Administration screen for Onward Referral statuses now includes a comment explaining that the initial default status always triggers a notification, making the notification behaviour clearer.
- The Onward Referrals screen now displays the audiogram that caused the patient to be added to the list, providing a clearer overview of why the patient is included.

Other features

Attention list

- Earmould orders submission status can be overviewed on the Attention list, Electronic submission tab, which allows you to see general submission status per department.

Otoscopy Images

Image management

- Viewer now includes the Otoscopy Images module, allowing oto images to be securely shared with other departments (for example, ENT or Surgery) in read-only mode.
- You can now copy uploaded oto images to the clipboard and paste them into letters or reports (for example, in Word). This is supported wherever images are

displayed.

Performance

Performance improvements and options

- Performance has been improved in the Referral module when adding patients to a waiting list from a referral.
- Performance has been improved when saving Custom questionnaires, particularly for sites with a large number of questionnaires containing many questions.
- Performance has been improved in the Booking module, Time Plan. The screen now loads faster when changing dates.

Scheduling

Booking

- Custom colours are now available for Booking and Timetable symbols. In addition to the 16 standard colours, up to 32 custom colours can be defined and used, making the Booking module more flexible and giving it a more modern appearance.
- Several colours matching the Auditdata colour scheme are predefined during the upgrade to version 6.10.0, extending the palette and demonstrating the available colour customisation options.

Referral pathway

- Based on user feedback, the Bulk close referral screen in the Administration tool has been enhanced with the option to select the treatment type of referrals to be closed, making it easier to select the appropriate referrals for processing.

Waiting list

- You can now customise the "Other relevant date" label for each waiting list type, making the field's purpose clearer and helping users enter the correct information.

Security

Security

- Following the principle of improving security and cybersecurity, we've added user activity audit reports:
 - Users who have logged in outside business hours;
 - Users who selected patients with whom they had no appointments within some days before or after patients review;
 - Both reports include a list of exception users, helping prevent false reporting for clerical staff who intentionally access large numbers of patient records.
- The system now includes alerts for unsuccessful login attempts (incorrect passwords), providing on-screen notifications to designated users. This allows failed login attempts to be identified immediately without checking the security log.
- The system generates the alert after 2 attempts of login, which avoids false reporting about cases of occasional password mistyping.
- Individual users can be subscribed for receiving those alerts, which allows users to limit alerting to system administrators staff.
- A newer version of Crystal Viewer is now used, improving system security. In particular, it removes the dependency on the Log4j library, which has been subject to regular security vulnerabilities.

System

Technical foundation

- We have updated the runtime version to TD 7.5.5, keeping the most modern TD platform as the system foundation.
- We have changed the installation platform to .NET WinForms, which removes the installation program compatibility issues for Windows 11.