External Release Notes

SpeechReport 3.0

G2 Speech is delighted to announce a major upgrade of our SpeechReport platform with the release of SpeechReport 3.0. The new platform further futureproofs our solution offering users the very latest in speech technology.

SpeechReport 3.0 delivers significant enhancement of our solutions with exciting new features driven by our customers. The release has a brand new look and feel to highlight the progression and development of the platform and improve ease of use.

Please find below the highlights of the release, which are further detailed on the following pages...

New Functionalities

- An updated speech engine (RSDK) for further performance improvements and a simplified way to introduce new words to the dictionary

- A modernised look and feel to freshen up the application and improve the usability and user experience. With the new UI the recording level remains visible when altering the size of SpeechReport to easily verify if the application is recording

- It's easier to manage identifiers received by third parties to prevent the unmeant merging of patients. This can be done be pointing out one unique ID as the leading ID

- The usage of auto texts has improved significantly - over 20 auto texts can be asigned to a user or group

- The document search work list is enriched with a 'play' button, delivering quick and easy playback functionality.
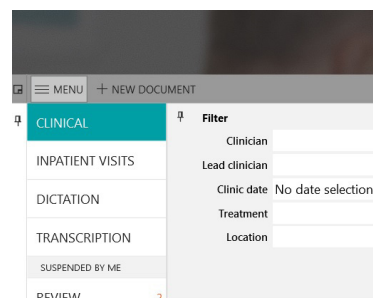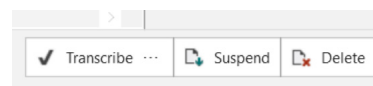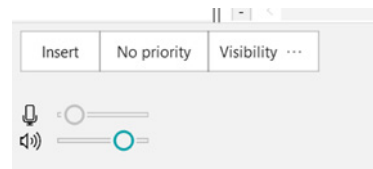
Customer Requests

- The clinical worklist can now be filtered on multiple items per filter criteria

- The assignment of supervisors is easier to manage

- The work type of documents can be changed in Administration

- Users are able to log in on various workstations without losing their unfinished dictations.

Structured Reporting

With this 3.0 release new features have been added to the Structured Reporting module.

- Speech recognition is now available for all fields such as free text fields, multiple choice fields and number fields

- The calculation options are more advanced and users are able to set limitations (min / max) for number fields

- Structured documents and outputs are now easily exportable to PDF and printable

Modernised Look and Feel

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1. New Functionalities

1.1 Updated Speech Engine (RSDK)

This new platform includes a major release of our speech engine. This release comes with an updated edit control allowing for more MS Word like features. Additionally, improved audio compression delivers improved system learning and performance.

The Management Console offers new functionalities to easily introduce new words to the dictionary. For every new word which is added to the specialisations, five spoken forms can be added to the new word which will help recognition of these specific words.

1.2 Refreshed Look and Feel

A major benefit to the new version of the platform is the refreshed look and feel of the Client Application. The modernised User Interface has been designed with the user in mind. The introduction of a new colour palette, new icons and buttons give the platform an invigorated and contemporary feel. With these impactful tweaks we hope to freshen the application and to further improve the user experience .

Also the usability of the platform has been improved with the latest design. Due to the new design the record level remains visible on screen when altering the size of the application. For clinicians it's important to have a clear confirmation to verify if the application is recording and picking up audio when dictating.

1.3 Enhanced Identifier Management

As the SpeechReport platform has integrations with various software suppliers (PACS, EPR, PAS systems…), it constantly receives several identifiers for patients, referrals and other objects, such as tissues and examinations. To handle all these in a proper manner the management of identifiers has been enhanced.

Users can now point out just one unique identifier as the leading identifier, preventing the unmeant merging of patients. For example in the UK the NHS number is often registered for a patient and used along with the PAS ID. When this NHS number is similar to the PAS ID of another patient the system tried merging these patients. By indicating a unique identifier, these patients won't be merged anymore based on the other identifiers.

1.4 Auto Texts

Auto texts are frequently used to speed up the document creation process. The usage of auto texts in documents has been enhanced significantly.

- Due to the new RSDK it is now possible to have over 20 auto texts assigned to a user or group

- The system pro-actively checks if names for auto texts are not duplicated or empty

- The preview of auto texts in SpeechReport's dark theme is now clearly readable.

1.5 Play button in search functionality

When searching for documents in SpeechReport users are able to see a preview of the document and read the recognised, typed or corrected text. The search worklist has been enhanced with the 'play' button so users are also able to listen to the dictation, within the search list.

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2. Popular Customer Requests

Various requested functionalities are introduced to improve the day to day functioning of the platform. Examples of these added functionalities can be found below.

2.1 Worklist filtering

The worklist filters are often used to easily retrieve documents from a specific worklist. These filter options are more advanced. Users are able to filtering the clinical worklist on multiple items per filter criteria. Appointments can be filtered on more than one location, (lead) clinician or treatment.

2.2 Managing supervisors of documents from administration

Junior doctors need to select a supervisor to authorise their documents before they can be signed off. In SpeechReport Administration it is now possible to select a list of documents and change the selected supervisor to a different supervisor. Changing the selected supervisor ensures that documents are easily available for the newly assigned supervisor.

2.3 Changing the chosen work type for a document

SpeechReport 3.0 now allows for the easy changing of document work types.

In previous versions, the incorrect selection of a work type by an Author would require a number of manual steps to correct. To address this, it is now possible to change the work type of these documents directly in SpeechReport Administration.

2.4 Continue working on a different work station

It's possible that an author working on one workstation needs to shift to a different workstation to work on other documents while still being logged into the first workstation. When the user logs into the second workstation, all work from the first workstation is returned to the worklist by default, in case the first workstation runs into issues. This resulted in documents on the first workstation which couldn't be continued upon and recent changes to these documents were lost.

From this release on SpeechReport will only return the documents to the worklist that are opened by that workstation the user is logged in to. The documents on the first workstation will therefore remain unchanged and can be worked on when the author returns.

3. Structured Reporting

Structured Reporting is one of SpeechReport's additional modules. This solution allows clinicians to simply and quickly create reports, within pre-defined templates, using speech recognition. With this 3.0 release new features have been added to the module.

- Speech recognition is now available for all field such as free text fields, multiple choice fields and number fields

- The calculation options are more advanced and users are able to set limitations (min / max) for number fields

- Structured documents and outputs are now easy exportable to PDF and printable.

If you want to learn more about our latest software innovations, please get in touch with our account managers who will provide you with a full update +44 (0)208 555 9041 or email: marketing@g2speech.com