

# Advantages of Using Streamer™ to Automatically Caption Classroom Conversations

## Easy to Get Started and Use

- **No apps to install or software modules to download.** Just go to [www.streamer.center](http://www.streamer.center) and login.<sup>1</sup>
- **Saved User Accounts shared across all devices** – With Streamer™, you do not have to reset your preferences each time you use the system. All these settings are saved.
- **Same interface on all devices** – Laptops, Chromebooks, Android phones, iPhone and iPad all use the same interface. This makes it easy to use Streamer™ on any device at any time.
- **Shared User Accounts** – You can even set up shared accounts, making it very easy for guests to log in and use Streamer to communicate with you (they don't have to download an app, scan a barcode, or register – they just go to the website and log in).
- **Auto Login** – Just a double-click on the Streamer™ icon automatically logs you into your personal Streamer account and all your usage preferences and settings are automatically loaded.

## Real-Time Accurate Captioning:

- **Faster captioning** - Microsoft Translate has difficulty keeping up with continuous rapid speech.
- **Better accuracy** – forward and reverse contextual corrections allow dynamic speech recognition (contrasted with Microsoft's static recognition).

## Easier to Read Captioning:

- **Continuous recognition in complete paragraphs** versus separate segmented sentence fragments.
- **Automated complete punctuation.** This is complete contextual-based deep learning punctuation that is based on a neural net, not a simple rule-set.
- **Unlimited font size adjustment.** This makes it easier for students to read the captioning.
- **Superior color contrast layout options** including layouts for daylight and evening settings.

## Better Support of Student's Needs:

- **Student choose where the captioning is displayed** - such as at the bottom, top, right or left side of their screen.<sup>1</sup>
- **Student choose how many lines of captioning to display** – just a few or a complete session.<sup>1</sup>
- **Overlaid Windows Support.** Students can overlay another window on top of the Streamer™ window. This is very important if the teacher is currently using the device to provide learning materials to all the classroom students.<sup>1</sup>
- **Note Insertion.** Students can add notes to their transcripts such as, *Study this for tomorrow's exam.*
- **Personalization.** Students can add their own avatar, customized labels and notes.
- **Speaker Identification.** With Streamer™, students know who is speaking at any given time.
- **Private Messaging.** Students can send a note to the teacher, without everyone else in the class knowing.
- **Document and Picture Sharing.** Students can send documents and/or pictures, such as a homework assignment, to friends and/or teachers. This includes complete integration with a smartphone's built-in camera.

## Better Support for Teachers:

- **Streamer Admin Account** – This gives the teacher complete control over the Streamer™ room. The teacher decides which people can enter the room, if they can view captioning, if they can add to the conversation (versus just viewing it), and/or if they can save transcripts.
- **Private Messaging** – Teachers can send private notes to a specific student or to a group of students, such as *Are you paying attention?* or *Do you have a question?*
- **Document and Picture Sharing** – Teachers can send documents, such as a reading assignment, to students. Just drag-n-drop the document into the Streamer™ window and it is shared with all the students (or you can send the item to selected students).

## Complete Classroom Support:

- **Simultaneous captioning of multiple speakers.** Use to support team teaching situations and student participation in classroom discussions.
- **Automatic Speaker Identification.** Streamer can even display a picture of the person that is speaking.
- **Document and Picture Sharing.** Drag-n-drop a document into the captioning room and it's shared with everyone.
- **Video Captioning.** Use Streamer to caption videos as they are being played, or to create timestamped transcripts for video production.

## Complete Campus-Wide Support:

- **Morning Announcements and Messages.** Each student throughout your entire campus can view a captioning of any school wide message, and do so in their language of choice.
- **All School Assemblies.** A single Streamer™ subscription supports every student that wants to view a captioning and/or translation of your all school assemblies.
- **System Status Display.** Your *Lobby* view gives you instant data on which rooms are being used at any given time, and how many people are using each room.
- **Simultaneous Connection to Multiple Rooms.** You can simultaneously log into each and every room for which you have permission to enter.
- **Single Click Navigation.** With your Streamer™ Admin account, you can navigate between rooms with a single click (provided of course that the room owner has given you permission to do so).
- **System Wide Broadcast.** With a single command, you can send a message to every Streamer™ room being used throughout your entire school.

## Complete Off-Campus Support:

- **Home-Bound Students.** All Streamer™ functions are available for every student, no matter where they are located. Students can view a captioning of classroom conversations from anywhere, be it in at home or in a healthcare facility.
- **On-Line Students.** If you are working at an on-line school or a virtual-campus, Streamer™ supports every student that would like to see a captioning and/or translation of teacher instructions.

## Wireless FM Support:

- **Integrate with an Existing FM System.** For example, add a MyLink™ receiver to your Phonak Touchscreen microphone, and you're all set to use Streamer™.
- **Optional Wireless FM Systems.** If you do not already have an FM system, then consider purchasing a low cost unit from Auditory Sciences. The Nano system is a USB thumb drive receiver that supports wireless handheld, lapel or headset microphones, and the Dual system extends the capabilities to also support wireless connection to a student's hearing aid or CI.

## Superior Features when Saving Transcripts:

- **Session Retention.** Transcriptions are preserved in your private Streamer™ room for as long as you want, and cleared when you want them cleared.
- **Auto Dates and Time Stamps.** Each entry on your transcript is persevered with a date and timestamp, so you can always see when a particular transcript was created.
- **Named Participants.** Transcripts include the name of the person speaking, so you know who said what (and when).
- **Continuous Auto Save.** Streamer™ auto saves the transcript each and every time a new word is added – you'll never lose any data. If you accidentally logout of Streamer, or the batteries on your device lose their charge, or your network goes down; your transcript is always saved.
- **Choose Your Format.** You can save transcripts in multiple formats including Google Docs and Word Documents.
- **Choose Where Transcripts are Stored.** With Streamer™, you can choose where transcripts are saved, such as separate folders for each class period and/or directly to a Google Docs folder.

## Superior Language Translation Features:

- **Complete multi-lingual support of conversations.** You can directly translate from one language into dozens of other languages. This isn't just bi-lingual translation, but rather simultaneous translation from any language into every other language.
- **Superior Voice Synthesis.** Microsoft Translate™ only uses Microsoft voice synthesis engines, which simply are not very good.
- **Language Identification** – Each User Account displays that person's preferred language, so you know which participant is speaking which given language.
- **Saved User Accounts** – With Streamer™ you do not have to reset your language(s) each time you use the system.

## Private and Secure:

- **Fully compliant with SIIA Student Data Privacy Requirements.** All data is completely encrypted in both directions.
- **Private User Accounts and a private and secure room.** Streamer™ is even approved for use in military classified facilities.

## Coming Soon:

- **Composer™** - Add Custom Words to Your Captioning systems.
- **Transcript Tags™** - Categorize your transcript in real-time. Add tags such as "Study This". Create your own tagging categories and use these to notate your transcript for future use.
- **Summarizer™** – Automatically reviews the contents of your transcript, summarizes them into a few short paragraphs, and inserts this summary into the header of your saved transcripts.
- **PhraseBuilder™** - Add phrases to your captioning with a single click – no need to type messages or notes, just click and it's automatically inserted.

<sup>1</sup>Apple limits these features for iPad and iPhone users