

Considering speech-to-text as a communication access and support service option?

Researchers at Rochester Institute of Technology's National Technical Institute for the Deaf developed C-Print to improve the classroom experience for students who are deaf or hard of hearing. As a communication access and support service option, C-Print successfully is used today in educational settings around the country. In addition to educational environments, C-Print also effectively can be used in business and community settings, with individuals with other disabilities.

C-Print is used successfully by middle and high school students (5th grade and above), as well as college students. Here's what a few of them have shared with us:

"It was wonderful to have a captionist in the classroom because it keeps me informed of what is going on in class... It was great. It motivates me to see what is next. I enjoyed this class with C-Print so I would be able to participate... It is very helpful." *(college student, New York)*

"I could not understand all the new information... Now I can listen to the teachers and the lessons and try to understand as much as I can, knowing that I will have the notes to fill in all the gaps." *(high school student, New Jersey)*

"I feel that C-Print helped me do my job as a student. It let me feel that I was getting all the information and let me learn how to be independent at the same time." *(college student, Louisiana)*



C-Print[®]
rit.edu
Speech-to-Text System

To learn more,
call 585-475-7557 (voice/TTY);
send e-mail to: cprint@rit.edu;
or go online to <http://cprint.rit.edu>.



ROCHESTER INSTITUTE OF TECHNOLOGY
National Technical Institute for the Deaf
52 Lomb Memorial Drive
Rochester, New York 14623-5604

R·I·T ROCHESTER INSTITUTE OF TECHNOLOGY
National Technical Institute for the Deaf



WHAT IS C-PRINT?

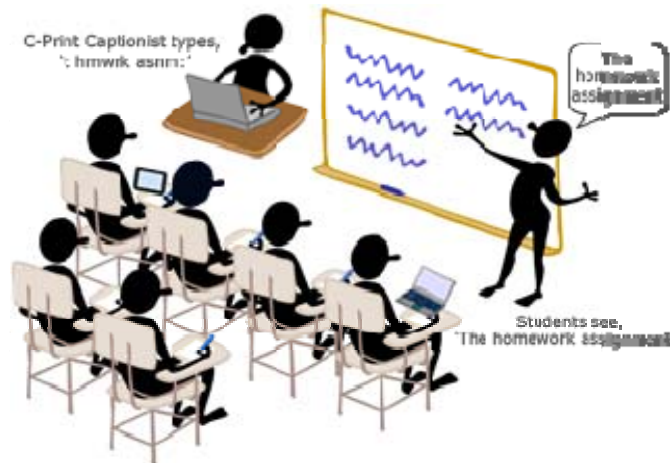
C-Print is a speech-to-text captioning technology and service that is used as communication access support for individuals who are deaf and hard of hearing. The basis of C-Print is printed text of spoken English displayed in real time, which is a proven and appropriate means of acquiring information for some individuals who are deaf or hard of hearing.

A trained operator, called a C-Print captionist, produces a text version of the spoken information in a classroom or other setting. At the same time, one or more students read the text to access the information. The text can be viewed on another computer or mobile device. After the event, a text file can be provided in paper or electronic format for a student to use as notes. By stating information concisely, the captionist creates a transcript, or C-Print notes, that are manageable for use after class, for example, for studying. The text file can be provided in paper or electronic format for the student's use.

WHAT IS A C-PRINT CAPTIONIST?

A C-Print captionist is a professional trained to provide C-Print as a communication access and support service option. A captionist includes as much information as possible, generally providing a meaning-for-meaning translation of the spoken English content. The captionist training program is available online and includes preparation in C-Print abbreviation system, condensing strategies, and other skills necessary for providing C-Print speech-to-text services.

All program administrators and end users are strongly encouraged to ask their captionist(s) for verification of training completion and captioning experience.



C-PRINT PRO SOFTWARE

The C-Print Pro software is specifically designed for providing C-Print speech-to-text services.

SERVER

Used by trained C-Print captionists to produce text (captioning) that will provide access to spoken information in real time.

The Server application includes the C-Print abbreviation system to input text from keyboard typing, allows two-way communication with clients and other captionists, and offers the choice of individual display preferences. The Server application can connect with one or more devices running the C-Print Pro Client (standard, Mobile, or Lite).

C-PRINT PRO CLIENT (STANDARD VERSION)

Used by individuals (i.e., students) to access the text display of spoken information (captioning).

The standard Client application has individualized note taking tools, allows users to communicate with the captionist, and offers the choice of individual display preferences.

C-PRINT MOBILE CLIENT

For devices with iOS and Android operating systems. Allows users to view the text display of spoken information (captioning), communicate with the captionist, and choose display preferences.

C-PRINT LITE CLIENT

Developed for computers with Windows and OSX operating systems. Similar to the Mobile Client, with an additional feature that allows the captioning window to be displayed on top of other applications while they are in use (without diverting focus from the other application).