

INTELLIGENT COURT TRANSCRIPTION SYSTEM

Speech transcription technology for use in courts

Challenge

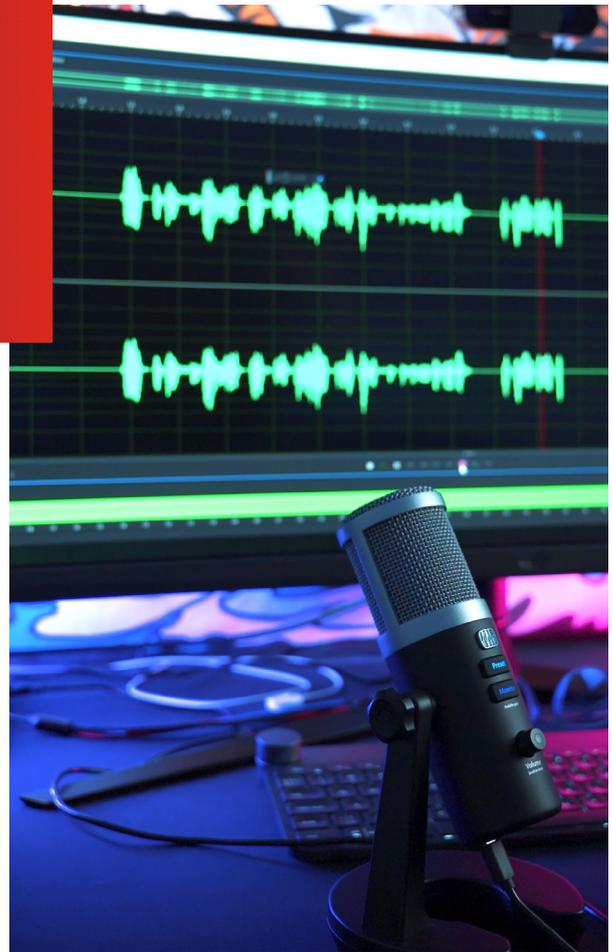
Court transcripts are used in two main ways: as a record of proceedings and as oral evidence in cases. Transcripts provide accurate and verbatim documentation of witness testimonies and judge decisions. As critical as the transcription process might be, current transcription technology and protocols do

Our Solution

To resolve this problem, the State Courts and A*STAR's Institute of Infocomm Research (I²R) teamed up to jointly create a Intelligent Court Transcription System (iCTS) that recognises human voices and would allow for on-the-spot transcribing.

With this new transcription service, parties involved in court proceedings will be able to access real-time transcripts without the need for court reporters or transcribers. The system is also capable of providing instant access of the recorded verbal evidence through a display monitor.

The immediate transcription process also allows for the simultaneous discovery of flaws in testimonies, such as inaudible responses and unclear or inconsistent evidence. Additionally, a search function is integrated in the system to enable locating of specific parts of evidence where necessary—expediting and increasing the effectiveness of Singapore's justice system.



Summary



Real-time transcription and review of court proceedings



Instantaneous detection of verbal flaws and faults



Improves productivity by automating a labour-intensive process

Potential Applications



Use in State Court transcriptions as well as in archiving, media, communications, and other similar professions

