

# Second webinar on AI in the justice field: Transcription tools (speech-to-text and text-to-speech)

## The portuguese contribution

Célia Santos

"Let the Judges be the first to demand material and functional conditions so that justice may be prompt and effective. But let them also be the first to apply rational and expeditious ways of judging and deciding."

Jorge Sampaio (former President of the Portuguese Republic), VI Congress of Portuguese Judges, 8 November 2001

# The Recording of Proceedings

- In Portugal, recording has been used since the 1995 reform of the Civil Procedure Code, which began in 1997.
- Recording is currently compulsory in the final hearing of legal actions, procedural issues and precautionary procedures and also in criminal trial hearings.
- It is carried out using a video or sound system

## Documentation of the evidence gathered by the Court

- The recording of trial hearings and other procedural acts that foresee the taking of statements from persons is carried out through a recording system integrated in the Portuguese courts' procedural management application, CITIUS.
- The audio files are made available, through CITIUS, in the area of the respective electronic process, which can be consulted by judges and clerks. They are made available, at the request of the parties, through physical support (generally by CD).

# The Transcription

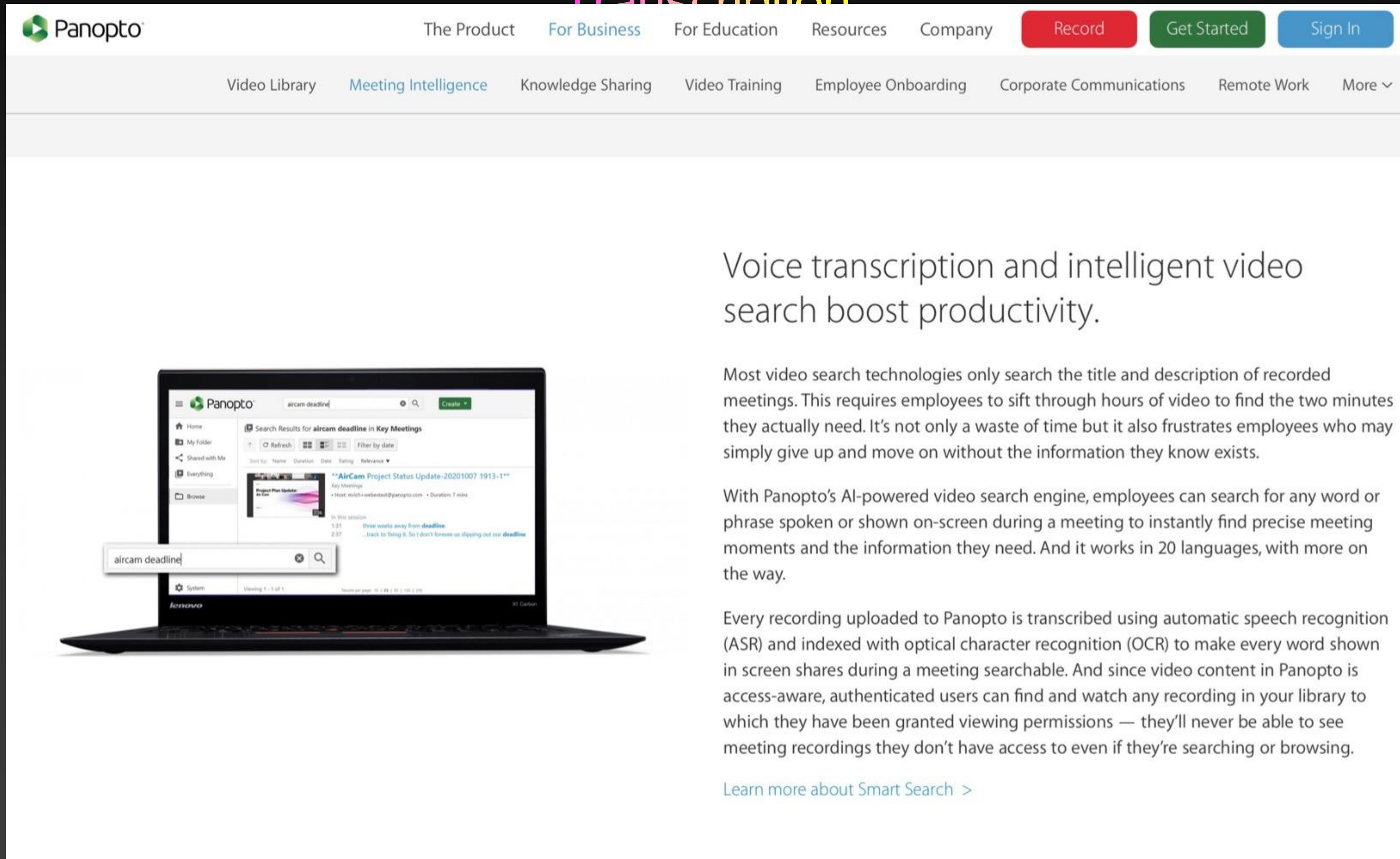
- The transcription of audiovisual or sound recordings of the evidence produced is essential to the processing of appeals in the different jurisdictions

# Project for the Management and Recording of Audio, Video and Automatic Transcription

- The main goal of the T+: GAVTA project is to extend to 42 courtrooms a new audio, video and automatic transcription management solution, designed and tested in a pilot project, to respond to opportunities for improvement, identified during the diagnosis phase, which are associated with administrative simplification and reorganization of the court offices.
- This project should be implemented by the end of this year and is currently being tested by a judicial magistrate at the Central Court of Criminal Instruction, in Lisbon.

# Project for the Management and Recording of Audio, Video and Automatic

## Transcription



The image shows a screenshot of the Panopto website. At the top, there is a navigation bar with the Panopto logo on the left and links for 'The Product', 'For Business', 'For Education', 'Resources', and 'Company'. On the right side of the navigation bar are three buttons: 'Record' (red), 'Get Started' (green), and 'Sign In' (blue). Below the navigation bar is a secondary menu with links for 'Video Library', 'Meeting Intelligence', 'Knowledge Sharing', 'Video Training', 'Employee Onboarding', 'Corporate Communications', 'Remote Work', and 'More'. The main content area features a large heading: 'Voice transcription and intelligent video search boost productivity.' Below this heading is a paragraph: 'Most video search technologies only search the title and description of recorded meetings. This requires employees to sift through hours of video to find the two minutes they actually need. It's not only a waste of time but it also frustrates employees who may simply give up and move on without the information they know exists.' This is followed by another paragraph: 'With Panopto's AI-powered video search engine, employees can search for any word or phrase spoken or shown on-screen during a meeting to instantly find precise meeting moments and the information they need. And it works in 20 languages, with more on the way.' A third paragraph states: 'Every recording uploaded to Panopto is transcribed using automatic speech recognition (ASR) and indexed with optical character recognition (OCR) to make every word shown in screen shares during a meeting searchable. And since video content in Panopto is access-aware, authenticated users can find and watch any recording in your library to which they have been granted viewing permissions — they'll never be able to see meeting recordings they don't have access to even if they're searching or browsing.' At the bottom of the text is a link: 'Learn more about Smart Search >'. On the left side of the main content area, there is an image of a laptop displaying the Panopto search interface. The laptop screen shows a search bar with 'aircam deadline' entered, a search button, and search results for 'aircam deadline in Key Meetings'. One result is highlighted: '\*\*AirCam Project Status Update-20201007 1913-1\*\*'. Below the result, there is a snippet of text: 'In this session 1:31 three weeks away from deadline. 2:37 ...back to being 0. So I don't know as slipping out our deadline'.