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The Silent Disruption in the Legal Market **and** **How to Capitalize on it**



Who is here?



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Agenda

1. Introduction
2. What is the silent problem facing the legal industry?
3. What solutions are available to solve the problem?
4. How can court reporting agencies and law firms mitigate this disruption?
5. Why technology is necessary but the human factor is imperative?
6. The importance of riding on the tech wave to scale your business.
7. Q&A



Introduction

→ **WSJ: There is a significant attrition happening in court reporting.**

**The Silent Problem Facing the Nation's Courtrooms, Alexis Gravelly, Wall Street Journal, July 28th, 2019*

→ **Digital verbatim reporting is now a proven model, and is widely used.**

→ **Emerging technologies are filling the gap.**

→ **Adoption of digital is essential to scale.**

→ **Businesses can take more control of their operational costs.**

→ **Stenographic and digital models can and do co-exist. Artificial intelligence needs human intelligence.**



The Silent Disruption

According to AAERT's report: Amount of Court Reporters has Dropped by 30% in 2016.

- According to the Bureau of Labor Statistics, court reporter numbers declined from 17,700 in 2015 to 14,500 in 2018 (about 18% less).
- A growing number of professionals are retiring and fewer are newcomers to replace them.
- Fewer schools offer court reporting programs.





Conditions for a Perfect Storm

-
- **Declining stenographic workforce**

 - **Demand is growing - ediscovery workflows**

 - **Antiquated technology not meeting needs**





The Solution: Moving to Digital

Federal and State Codes, as well as Leading Legal Institutions Support Agencies' Transition to Digital

2013: New Jersey was already using digital recording in approximately 90% of its court sessions.





The Solution: Moving to Digital

“

It is critical that any alternate method of making the record embody the fundamentals for its creation, production, and preservation: effectiveness, reliability, accuracy and timeliness. Digital recording meets this goal.”

Page five of the 2009 Conference of State Court Administrators (COSCA) policy paper, according to the National Center for State Courts



Misperceptions about Digital Solutions



Accuracy

Both federal court & state studies have demonstrated parity in transcript accuracy between stenographic and digital court reporting models.

(AAERT, Analysis and Advantages of Digital Court Reporting, Nov. 2016)



Real Time ReadBack

Solutions in used today for real time read back (both remote and on prem).



Reliability & Availability

- Audio is used as backup, even with stenography.
 - Many courts now consider the digital recording of a proceeding as the official record until a verbatim transcript is produced.
 - Readily accessible.
-



Artificial & Human Intelligence

The core AI-powered ASR automatically converts audio into text. It uses various models that work together to create high accuracy transcription files in a breaking speed turnaround.

Artificial Intelligence Abilities:

- Reduce background noise and echo.
- Distinguishes between various accents & dialects.
- Identifies and differentiate between speakers.
- Recognizes legal-specific terms.

The Human Intelligence:

This process leverage professional human transcribers, who are editing and reviewing to bring the transcription to perfection.



Artificial & Human Intelligence



There are still things that we humans do better than the machines we train. This is why Verbit fuses AI with human intelligence (HI) to provide high quality transcription; because understanding the broad meaning of the spoken word is something humans do instinctively better than machines.

- Elisha Rosensweig, Head of Data Science, Verbit



3 Methods to Overcome the Disruption

1

→ **Remote
Stenographer**

2

→ **Digital Reporter
& Stenographic
Transcription**

3

→ **Digital Reporter &
AI Speech-to-Text
Editor System**



Remote Stenographer

→ **Stenographer transcribes from remote location during depositions.**

- Scale to serve more depositions

- Improved scoping with remote source redundancy



Digital Reporter with **Stenographic Transcription**

→ **Digital reporter captures deposition,
and the stenographer transcribes afterward.**

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- Digital reporters are easier to train

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- Stenographer stays focused on transcripts
-



Digital Reporter with AI Speech-to-Text Editor

→ **Digital reporter captures deposition, and AI STT Editor plus Scopists generate transcript afterward.**

- High quality

- Lower cost



Unbundle the Workflow

The separation of capture and production of the transcript.

Legacy:

Capture = Transcript

Unbundled workflow:

Digital Capture > Transcription > Delivery



What is the success for a competitive agency looks like in the next 5 years ?



Any Questions?





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Thank You

