



PIKE
REPORTING
COMPANY

YOUR PATH THROUGH LITIGATION

The Future of Court Reporting

Stenographers

Digital Reporters

Artificial Intelligence



Great Plains Reporting

- Founded in 1978.
- Ranked in top-5% nationally by size and revenue.
- 30% annual growth.
- Employee based
- National network of reporting companies





KENTUCKIANA
— COURT REPORTERS —



Legal Experience

- Medical Malpractice Defense Attorney – (1) brain injury cases, (2) powdered infant formula infections, (3) laparoscopic cholecystectomy (4) ototoxic injuries, (5) retained objects, (6) wrongful death, etc
- RICO litigation against Ford as Plaintiff.
- Appraisers during housing crises.
- Argued successfully at Sixth Circuit Court of Appeals in defending insurer from indemnification of "Kentucky's Enron".
- <http://www.ca6.uscourts.gov/opinions.pdf/08a0229p-06.pdf>
- Cost of winning.

What Do We Do?

- What Do We Do?
- Court Reporting.
- Realtime Court Reporting. (like closed captioning)
- Videography.
- Transcription.
- Videoconferencing. We have networked VC rooms across US.
- Trial Presentation. We edit and organize exhibits, video clips, video to text sync, illustrations and transcripts for fast and effective use at trial. Our products are compatible with all trial presentation software (Summation, Trial Director, Sanction, etc.).



How are the Donuts Made?

- Electric Oven
- Gas Oven

Evolution of the Forms of Court Reporting



Pen Writers



Stenographers



Voice Writers



Digital Reporters



AI Enhanced Digital Reporters

Pen Writing

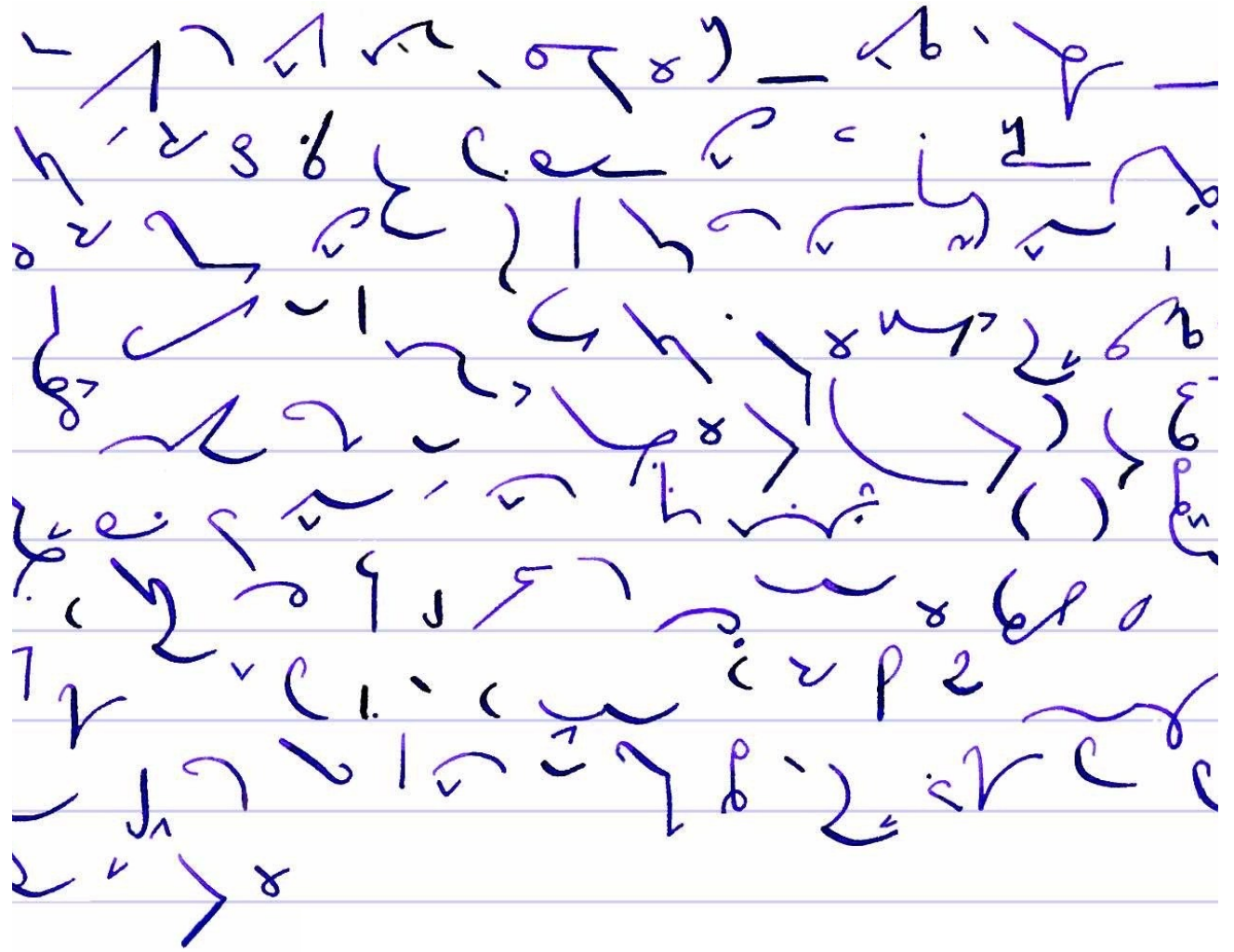
First examples around 450 BC.

There are still reporters writing this way.

They all use backup recorders.

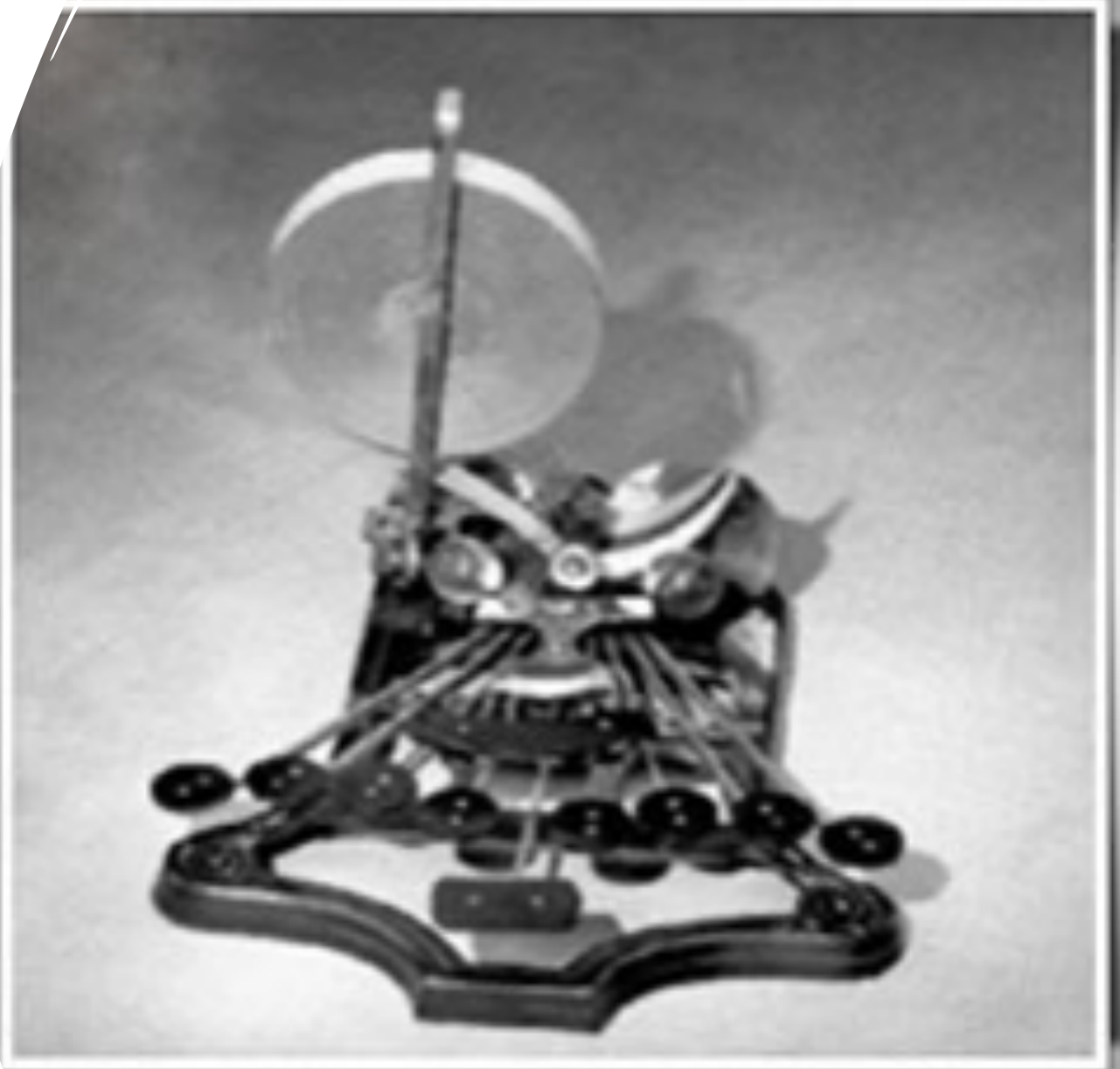
Average turn-around time for a transcript:

30+ days.



First Stenograph Machine 1877

- Wrote with a series of dots.
- Similar to Morse Code.



NexGen™

Welcome to a new era
of comfort, accuracy,
and innovation!



Built In Recorders, Streaming,
Bluetooth.

Speaking Rates

- Stenography is the human attempt to write everything down using machine shorthand.
- Average rate of speaking is 150-180 words per minute.
- Tony Robbins average 201 for TED talk.
- Auctioneers average 250 words per minute.
- The best stenographer in history can do 225 for less than five minutes with about 98% accuracy.
- All steno machines have built-in recording devices.

S T H A O S
H O U
K R O R R T
R O E U
T H A O E U
P H F P L G T S
F P L T S
Z Z Z

Stenographic
Shorthand

How Stenographers Create a Transcript

- Attend deposition and both write and record what is said.
- Send to Scopist to translate code.
- Send to Proofreader to fill in gaps with backup audio.
- Reporter review.
- Format and produce.

Voice Writers

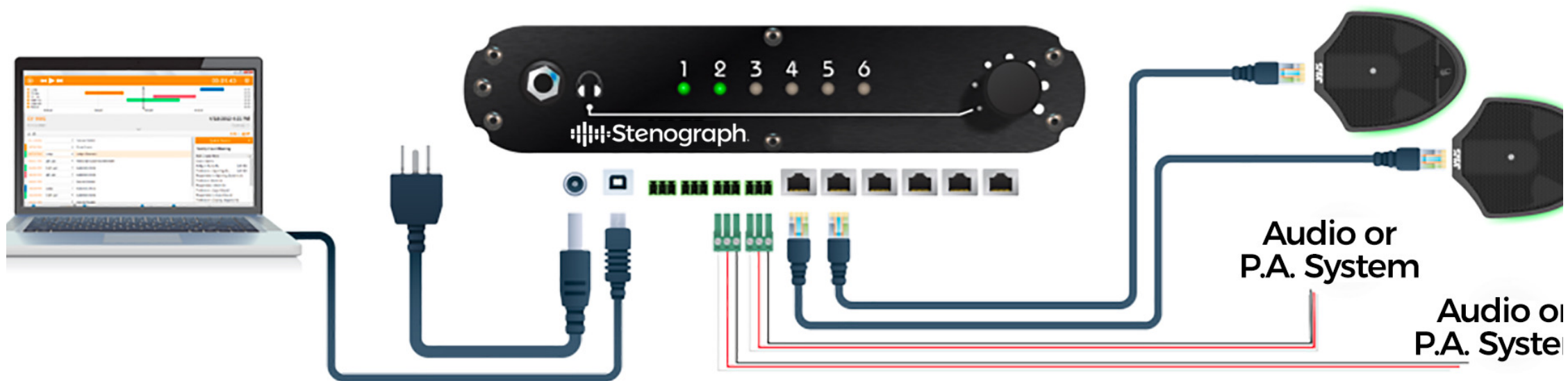
- This is the least unsettling picture I could find
- Siri
- Speed problems
- Relies on audio backups
- Was pushed by military due to faster training





Seriously, Its Weird

Digital Reporting



Digital Reporting

- Modern multi-channel audio recording.
- Reporter who writes in standard shorthand.
- Speaker identification.
- Spellings/technical terms.



Standard Digital Shorthand

- 00:00:59 Question 7/12/2023 10:02:33 AM -1 -1
- 00:01:01 ALL RIGHT 7/12/2023 10:02:34 AM -1 -1
- 00:01:10 AND HAVE YOU ACTED AS AN EXPERT WIT IN OTHER 7/12/2023 10:02:43 AM -1
-1
- 00:01:10 Answer 7/12/2023 10:02:43 AM -1 -1
- 00:01:11 ONE OTHER YES 7/12/2023 10:02:44 AM -1 -1
- 00:01:11 Question 7/12/2023 10:02:45 AM -1 -1
- 00:01:12 OK 7/12/2023 10:02:46 AM -1 -1
- 00:01:13 AND 7/12/2023 10:02:46 AM -1 -1
- 00:01:16 FOR WHAT LAW FIRM YOU WORKING IN THAT CASE 7/12/2023 10:02:50 AM -1 -1
- 00:01:17 Answer 7/12/2023 10:02:50 AM -1 -1
- 00:01:21 AND I APOLOGIZE I DO NOT REM OUT OF TEXAS 7/12/2023 10:02:54 AM -1 -1

History of Digital Reporting

- First used by Kentuckiana Reporters in 2008 thanks to Eastern KY.
- Faster turn-around time, ease of scheduling, lower prices, improved accuracy.
- Per page rate is lower today than 2010.
- Nationwide by 2014.
- Hundreds of proceedings per day, millions of pages per year.
- We cover 100-150 EUOs per day both in person and remote.
- Clients like Geico, USAA, State Farm, etc.

How a Digital Creates a Transcript

- Digital uses modern recording devices to capture best audio possible.
- Digital types transcript in standard shorthand.
- Transcript team/editors (sometimes with help of AI), merge shorthand and audio.
- Proofreaders review transcript with audio to ensure 100% accuracy.
- QC specialists spot check.
- Production team generates formatted transcript and index pages.

Producing a Transcript

- Stenographer
- Scopist
- Proofreader
- Produced by Stenographer
- Digital Reporter
- Editor
- Proofreader
- QC
- Production
- Reporter Review

Stenography vs Digital Reporting

- Stenography was invented in the 1800's when recording devices did not exist. Back when we drove horses to work.
- Average age of stenographers in America is 57.
- Nationwide shortage stands around 6500 (Drucker Report).
- State of the art multichannel recording system.
- Digitals write in standard shorthand instead of phonetic shorthand.
- Average age is 25.
- Eliminating court reporting shortage.

You Bet Your Life

- Deposition is written in phonetic shorthand by a person who averages an 85-90% accuracy rate.
- Deposition recorded on modern multi-channel recording device.
- Video recorded.
- Written in standard shorthand.
- Live stream AI transcription

Barriers to Market Entry

- Stenographers claims that digital reporting is not permitted.
- Rule 30(b)(8)(B) specifically states that depositions may be taken non-stenographically.
- **(A)** Unless the court orders otherwise, testimony may be recorded by audio, audiovisual, or stenographic means, or any combination of those means. The noticing party bears the cost of the recording means specified in the notice

Stenographer Shortage

- Figures recently published by the Speech to Text Institute (STTI) calculate that the supply gap of stenographers will double in size to 11,345 by 2023, grow to 18,447 by 2028, and balloon to 23,117 by 2033. The number of stenographers nationally—once more than 50,000—will dwindle to 23,100 by 2023, 17,260 by 2028 and a mere 13,900 by 2033.
- The crux of the stenographer shortage is this—according to STTI’s analysis, in each year for the next eight years, an average of 1,120 stenographers will retire, while no more than 200 new reporters will enter the workforce. This will reduce the number of stenographers by 920 annually at the same time that marketplace factors are likely to increase demand for court reporters.

California Data

- A report from the California Legislative Analyst's Office (March 5) that breaks down the pending shortage in California.
- In 2009-10, CA had 7,503 licensed reporters. By 2022-23, that number had dropped to 5,584. That is a decline of 1,919 reporters (26%) in only ten years. So, while the demand and pay for stenos went up, the supply dramatically decreased.
- They are facing a retirement time bomb. Of the 5,584 reporters they have left, 3,115 received their licenses at least 23 years ago. Indeed, 40% of reporters in CA self-reported that they are ten years or less from retirement. So, CA appears poised to lose 40-60% of their stenographers over the next ten years. Again, CA is one of the most desirable places for reporters to work in terms of pay and quality of life. As the shortage grows there, it will impact surrounding states when CA recruits their reporters. In other words, the future is even more bleak for other states who cannot financially compete with CA.
- Courthouses and SIUs hit the hardest.



- The T1000 will not be your next court reporter.

Ray Kurzweil

- Director of Engineering at Google
- Invented Speech-To-Text Machine in 1976
- AI matches all human intelligence by 2029
- AI 1 mil times smarter than all humans by 2045
- Human 1 Trillion connections, AI 400 Billion





Artificial Intelligence

- Rough Transcript Generation
- Realtime Streaming
- NEVER rely upon without human review

A background image showing a white robotic hand holding a human hand. The robotic hand is on the left, and the human hand is on the right. The text 'AI With Human Oversight' is overlaid in the center.

AI With Human Oversight

- Radiology – Humans not needed in 63% of mammogram reviews. AI more accurate than human alone. Human and AI more accurate than AI.
- Airplanes – Most of your flights home will be on autopilot
- Cars – autonomous driving and parking.
- Agriculture – autonomous harvesting.

Ashley Springer

Oct 25, 2023 4:55:31pm EDT

Ray Hadad

Larry Paiz

Andre Rojas

Exhibits List

Live Exhibit

Realtime

×

Stamp

Direct to Page

* Witness Annotate

Grant Control

113%

−

+

View

Annotate

Insert

This letter comes with a notification of breach of contract made between you and My Corp. on the day of your joining us. It grieves us to inform you that your actions have been found to be against the clauses of our contract.

According to our deed of contract, you were supposed to be following the policies very strictly but it seems that you have taken them nonchalantly right from the very beginning. The head of the department has also reported warning you several times to be cautious of terms and conditions laid down upon you.

Since you have not taken any of the warning seriously, it leaves us with no other option than to send you a legal warning for breach of contract. Following clauses of the contract have been breached by you on more than one occasion:

1. Maintaining confidentiality wherever asked and required.
2. No personal calls and meetings should be done at office hours except in case of emergencies.
3. Verbally defaming co-workers and any person related to My Corp. is strictly prohibited.
4. Unprofessionalism of any kind shall not be entrained while dealing with clients or colleagues.

You have breached the aforementioned clauses of the contract despite being warned several times. This letter warns you of legal action that shall be taken against you if you do not stop these actions immediately. Complaints from those who are being negatively affected by your actions could suspend you from office legally or in some case even lead to termination from your current post.

You are required to send an apology letter for this breach of contract with an assurance that this kind of behavior shall not be seen from your side in future.

Exhibit

2

25th Oct 2023

Search Transcriptions

Search

All Loaded

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Play Audio For All

Play Audio

16:54:40

Ray Hadad (Host)

Let me know once you've read through section four, the use of depositions at trial

Play Audio

16:54:49

Ashley Springer (Witness)

I have read through it.

Play Audio

16:54:51

Ray Hadad (Host)

Were you familiar with that section before today's deposition?

Play Audio

16:54:55

Ashley Springer (Witness)

My attorney showed it to me

Play Audio

16:55:00

Ray Hadad (Host)

I have any further questions about that exhibit? Let me share exhibit two. For the record,

Play Audio

16:55:14

Ray Hadad (Host)

Let us know once you have read through this document in its entirety

Play Audio

16:55:21

Ashley Springer (Witness)

I've read it.

Play Audio

16:55:25

Ray Hadad (Host)

Is this the letter you previously received in the past 90 days?

Play Audio

Scheduling Made Easy



- Call: (720) 738-1300
- Cell: (720) 788-9213
- Email: schedule@yournextdepo.com
- Online: www.yournextdepo.com

Experience Matters

- Cost. We have the best rates in Nebraska, Iowa and the United States by relying on employees instead of independent contractors.
- Service. Schedulers are available 24/7. Reporters available 24/7 with as little as a couple of hours notice.
- Accuracy. We produce around 10 million pages of transcripts per year and grow at a rate of 40%. If we were not accurate, we would not be in business.

Services and Deliverables

- No charge for online hosting
- You can choose platform (Zoom, WebEx, CaseTestify, etc)
- Full size, Mini script, Ascii, PDF, etc
- Free online repository
- All audio, video and data stored forever at no extra charge



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TRANSCRIBERS

Certified Reporters



PIKE REPORTING COMPANY

YOUR PATH THROUGH LITIGATION