

AI Powered Fire Documentation Feature Guide



Overview

The AI-assisted NFIRS Documentation feature simplifies the process of creating Fire Incident Reports. Fire service personnel can verbally record incident details, and the system uses advanced speech-to-text technology combined with AI to automatically fill in the appropriate NFIRS data fields. This reduces the amount of manual data entry and shortens the time needed to complete reports.

Key Features

- **Transcribe** incident details using advanced speech-to-text technology optimized for fire service terminology and incident command language.
- **Map** transcribed information to NFIRS data fields with AI-powered field mapping.
- **Review and verify** all AI-generated suggestions through human oversight.
- **Support** fire service terminology, acronyms, and common abbreviations throughout the documentation process.

How it Works



Record

Voice Recording

1. Launch the AI Transcript tool
2. Click the record button to begin speaking
3. Provide a verbal report of the fire incident
4. Think of this as a combination of your initial size-up report, a handoff report to the relieving officer, and a verbal summary of the incident
5. The more information you provide, the less you may need to type or select later
6. Supports both formal fire terminology and common fire service abbreviations



Analyze

AI Processing

- The system analyzes the transcription to identify relevant incident information
- Maps identified information to appropriate NFIRS fields
- Can populate most NFIRS data fields

Processes various types of information including:



Incident Type



Property Details



Fire Origin & Cause



Resources Used



Actions Taken



Damage Assessment



Personnel Information



Hazards Present



Civilian/FF Casualties

Review & Edit

All AI suggestions appear in a review interface.

Users can:

- Accept or reject individual field suggestions.
- Edit suggested values.
- Remove unwanted entries.
- The Narrative section will automatically generate a formatted narrative based on the transcript provided.



IMPORTANT! Each time you use the AI tool, the system will append your narrative. In other words, it will add a new section to the end of your previous narrative.

Best Practices

Documentation Tips



Speak clearly and provide complete information.



Review AI suggestions before accepting.



Use the feedback system to report any misinterpretations or suggestions for improvement.

Important Notes



Quality Control:

- Always review, and edit when needed, the AI-suggested entries.
- You are responsible for verifying the accuracy of all information.
- Use the feedback system to help improve the system's accuracy.



Multiple Recording Sessions:

- You can record multiple times during an incident.
- Be aware that regenerating will create an additional entry into the incident narrative

Data Security & Compliance

- All transcriptions are encrypted in transit and at rest
- The system is fully HIPAA compliant
- The transcription service runs in a dedicated, secure environment
- No incident data is used for AI training
- Feedback is used only to improve prompt engineering and is not shared with the artificial intelligence system

Getting Help



Use the feedback system to report issues or suggest improvements.



Provide specific examples of what worked well or needs improvement.



Report any fire terminology or abbreviations that weren't correctly interpreted

Legal Considerations

This system follows a "Human-in-the-Loop" approach: all AI-generated suggestions must be reviewed and approved by the provider. The provider remains fully responsible for the accuracy of the final documentation. The system is intended to assist with fire incident reporting, not replace standard documentation practices.

Feedback

Your feedback is crucial for improving this feature. Please report any issues encountered including, accuracy of transcription, correctness of field mapping, missing or incorrect terminology.

