Interview Guide: Information System

The National Institute for Occupational Safety and Health is partnering with community leaders in the Permian Basin to better understand what safety professionals need to know about motor vehicle safety to better protect oil and gas extraction workers.

During this interview I will be asking you questions about your experience working with data. We will be focusing a lot on data you use currently or have used in the past. If we need to go "off script," and discuss an issue I am not asking about or go into greater depth on a point, that is totally fine.

I will be recording this conversation. After we are done, I will transcribe the interview into a Microsoft Word document and delete the recording. The information you share today will be kept confidential. I do not intend to record your name or any other information that could identify you for this recording. If your name or any identifying information surfaces during our conversation, I will remove it from the transcribed document. Your participation is completely voluntary, and you are free to end the interview at any point.

1) Today's date (MM/DD/YYYY):

2) What type of company do you work for? Select one option.
   a. Oil and gas operator
   b. Oil and gas drilling company
   c. Oil and gas servicing company
   d. A company that supports oil and gas operators, drilling companies, or servicing companies
   e. Oil and gas trade association
   f. Insurance company
   g. Emergency medical service provider
   h. Health clinic, hospital, or health system
   i. Health research organization
   j. Government agency
   k. Technology company
   l. Other type of company: _____

3) Tell me about the data related to motor vehicle safety you work with most directly.

4) We are interested in exploring a few specific types of technologies. I'll go through them one-by-one. First, I'll ask you if you have any experience with a given technology in your current role. Once we go through the full list, I will ask you to describe your experiences with the technology.

Technology	Experience	No experience	Prefer not to say
Application Programming Interface (API)			
Artificial intelligence (AI)			
Contractor management software			
Claims information systems			
Crash report systems			
Electronic health record technologies			
Environmental, health, and safety (EHS) management software			

Health information exchanges			
In-vehicle monitoring systems (IVMS)			
Lone worker technologies			
Privacy-enhancing technologies			
Syndromic surveillance			

5) Let's go through the technologies you have experience with. Please provide a brief description of your experience, including how you've used it, its strengths and limitations. [DISCUSS EACH TECHNOLOGY THEY HAVE EXPERIENCE WITH]

6) We are exploring whether it might be feasible to improve information systems related to health, safety, and motor vehicle safety, specifically, in the Permian Basin. What are your initial reactions to that goal?