



Fast and Affordable MIRE Data Collection and Analysis

With many safety teams unable to get the MIRE data they need for proper safety analysis and planning, Numetric is introducing a new approach to put this data within reach.

THE PROBLEM: MIRE DATA COLLECTION IS TOO EXPENSIVE AND LOW IN PRIORITY

Traffic safety teams within agencies are under pressure from the FHWA to implement more data-driven safety analysis—this can't happen without MIRE data. Unfortunately, securing that data is often easier said than done, thanks to **three daunting challenges:**

1. Traditional asset data collection is expensive.

- Asset teams commission large-scale—rather than targeted—roadway inventory collection.
- At this scale, data collection takes years.
- Collection usually costs millions of dollars—far beyond most safety budgets.

2. Priorities and responsibilities around MIRE data are not established.

- Safety teams have little say in what data is collected.
- Asset teams are still getting accustomed to managing MIRE data relative to other priorities.
- Critical MIRE attributes are often omitted.

3. Safety teams lack the tools to combine and analyze crash and MIRE data.

- Tools for combining and analyzing MIRE and crash data are slow.
- Safety analysis can take days or weeks.
- Many projects move forward without safety analysis.

But what if safety teams could...

- Collect and pay for data only in areas with crashes?
- Collect only asset data relevant to MIRE?
- Get this data in just 3-6 months, instead of 8-12?
- Pay for this data collection with federal funds?

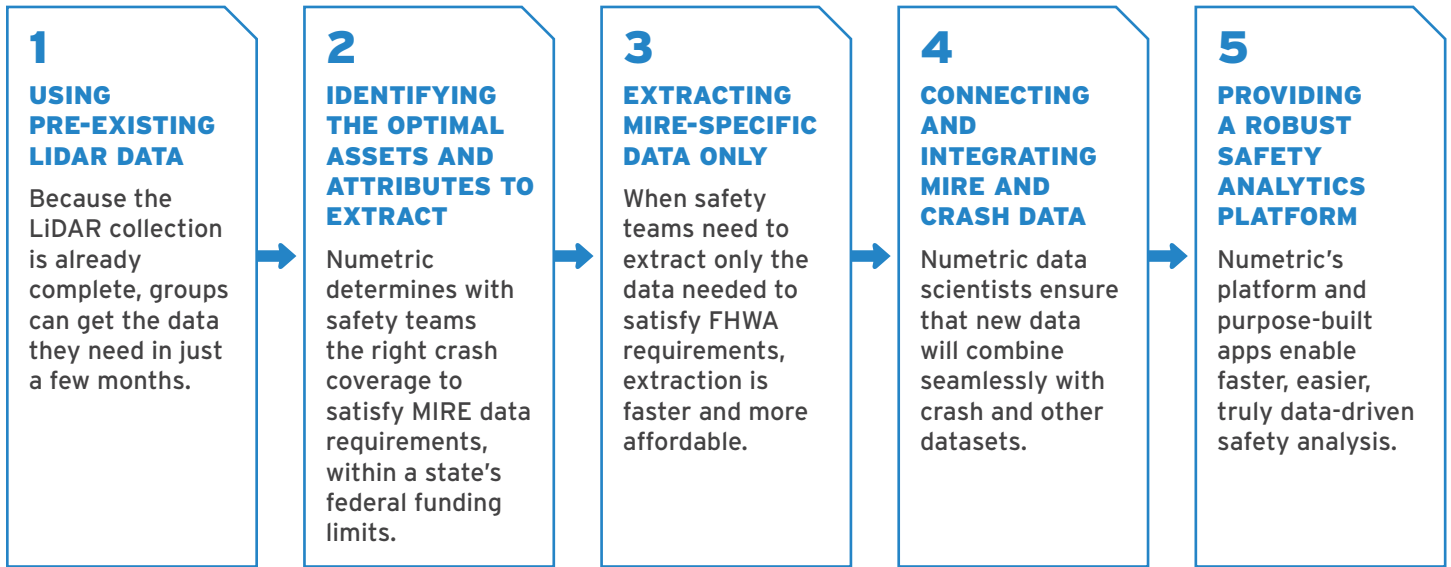
Built to Provide a Better Option

With LiDAR collection already done, a partnership with Mandli's expert data extraction team, and applications built just for safety analysis, Numetric is uniquely positioned to provide a more customizable, affordable offering to safety teams.



THE SOLUTION: NUMETRIC'S CUSTOM MIRE ELEMENT COLLECTION AND ANALYSIS

Safety teams can get the MIRE data they need, within their federal funding limits, to satisfy FHWA requirements and perform truly data-driven safety analysis. Here's how:



Spend only \$200k for every \$1M spent on traditional collection.

TRADITIONAL ASSET DATA COLLECTION VS. CUSTOM MIRE ELEMENT COLLECTION*

	Traditional Data Collection	Numetric Custom MIRE Element Collection
Project Owner	Asset/Maintenance/Pavement	Safety
Time to Delivery	18-24 months	3-6 months
Cost per Linear Mile	\$100	\$80
% Roadway Miles Covered	100%	20%
% Of K,A Crashes Covered	100%	100%

*Figures based on estimates at actual state agencies in the U.S.

Get MIRE elements for all K,A crashes in 6 months... at less than 20% of the cost.

With Custom MIRE Element Collection, safety teams get the MIRE data they need:

- Within their state's federal grant limits
- In a fraction of the time required for other options
- Connected and integrated with crash data
- Ready for analysis in Numetric's Traffic Safety Analytics Platform and purpose-built apps

To learn if Numetric Custom MIRE Element Collection is right for your safety team, **request a custom demo at [Numetric.com](https://www.numetric.com).**