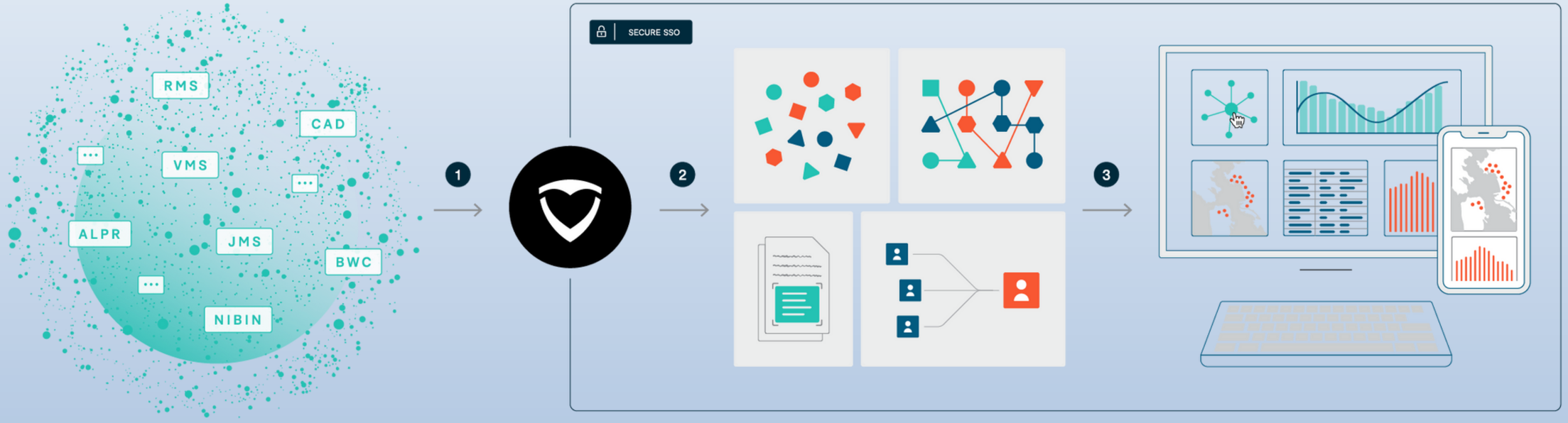
New Mexico High Crash Corridor Effort Based on Integrated Real Time Data

Captain Joseph Romero

New Mexico State Police

What is Peregrine?



Connect & Integrate

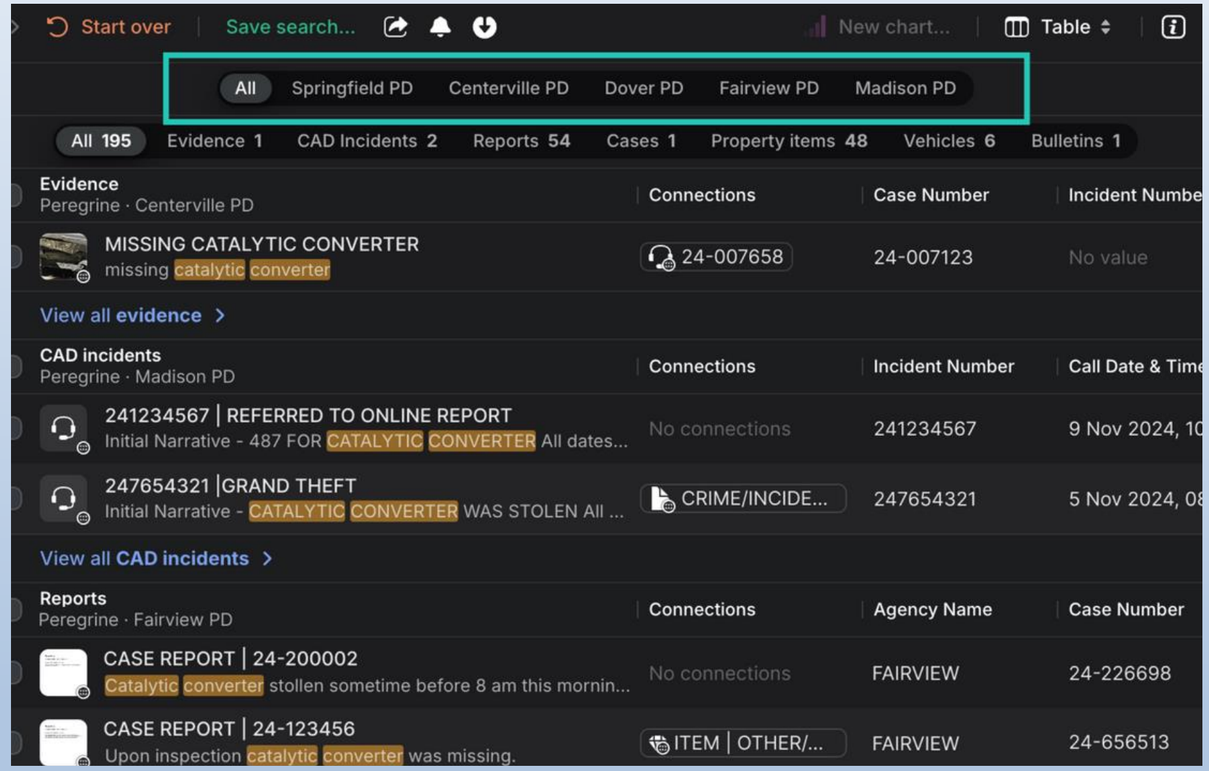
Enrich & Organize

Interact & Collaborate

Interoperability & Data Sharing

With Peregrine, you can:

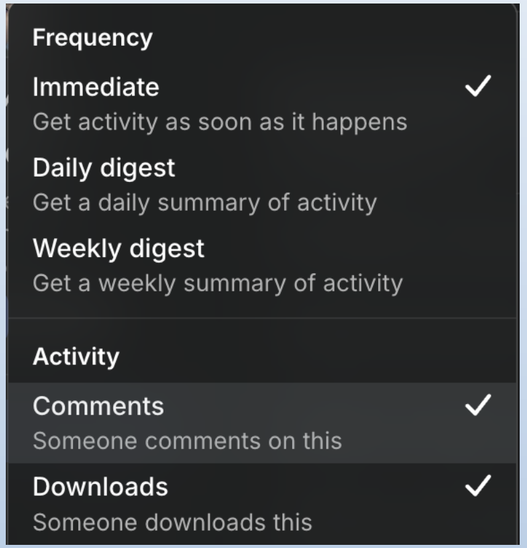
- Share information with local agencies, including (but not limited to) RMS, CAD, ALPR, BWC, narratives, and fixed cameras
- Control when, how, and with whom you share your data
- More effectively collaborate with local agencies — from deescalating an active emergency to reducing regional CMV trends

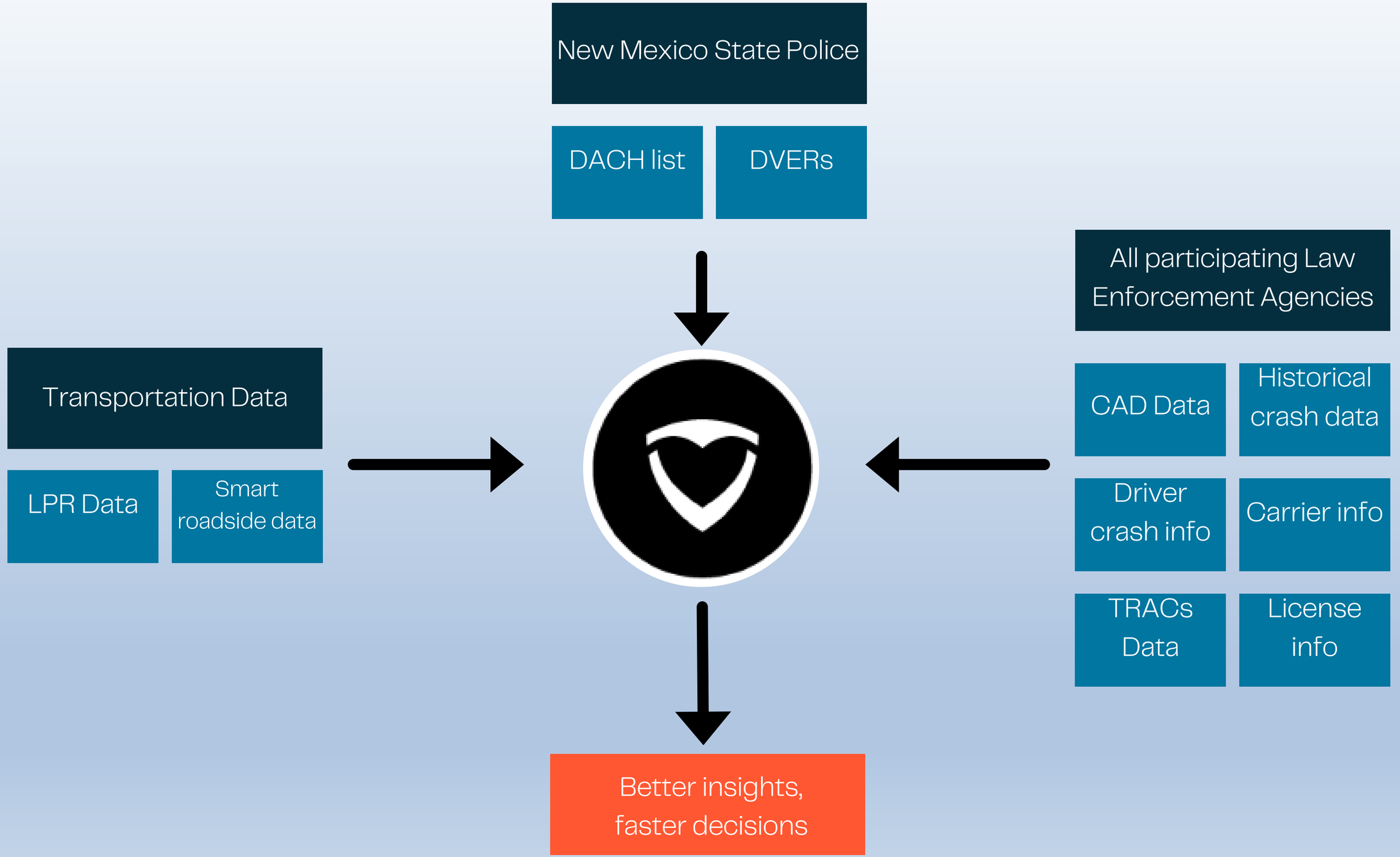


Driver Safety

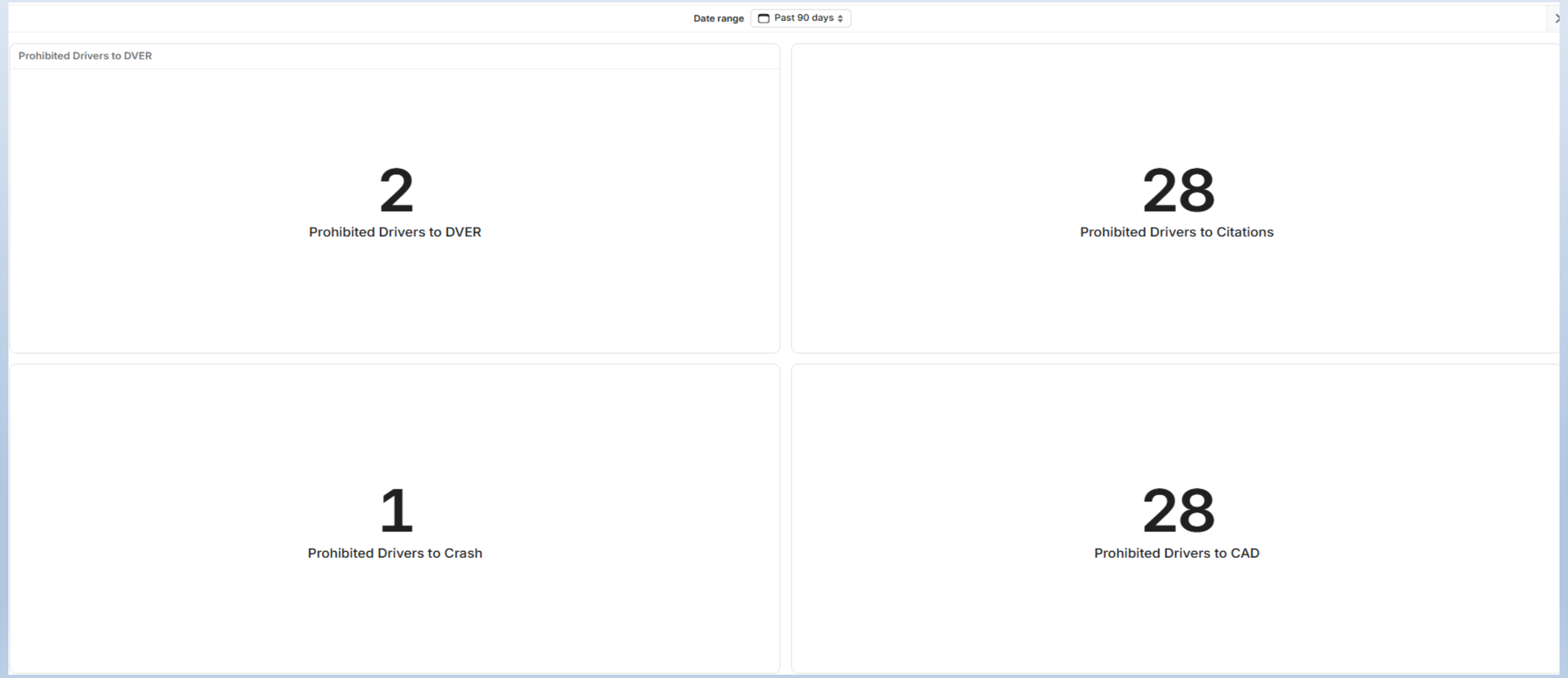
With Peregrine, NMDPS can now receive alerts and query the following:

- Report **geographic hotspots** of CMV crash incidents
- Alert when **flagged drivers (DACH)** operate CMVs statewide
- Flag **suspected chameleon carriers** using active USDOT numbers
- Track and alert on **previously confiscated** Mexican CDLs
- View USDOT's statewide law enforcement **contact history**
- Track CMV **traffic violations** across all agencies
- Analyze carrier **histories** to identify education needs
- Monitor **frequency** of carrier–law enforcement interactions




New Mexico State Police
DACH list
DVERs
All participating Law Enforcement Agencies
Transportation Data
LPR Data
Smart roadside data
CAD Data
Historical crash data
Driver crash info
Carrier info
TRACs Data
License info
Better insights, faster decisions

Impact of DACH Drivers

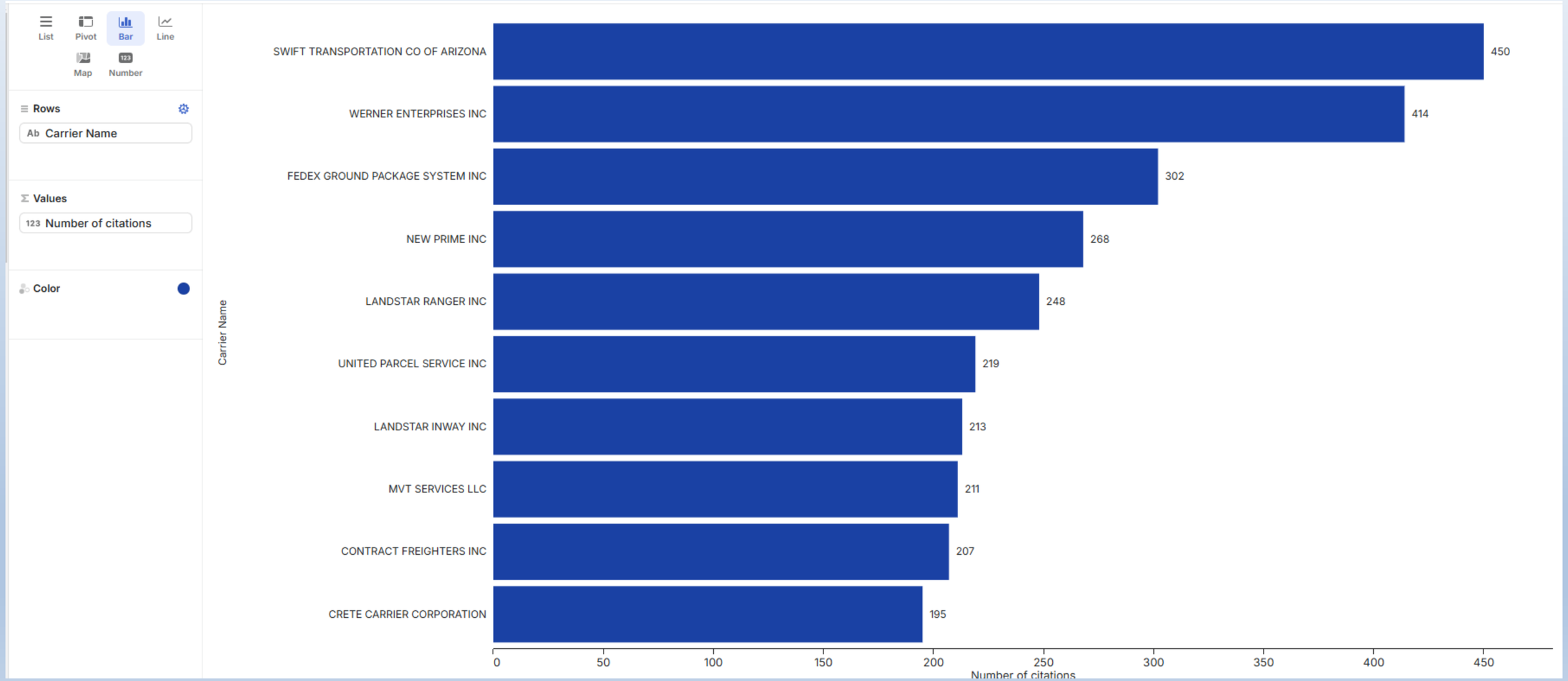


Educating the Industry

Peregrine Allows Us To:

- Track companies and citations issued
- Track companies' violations
- Track companies' crashes
- Generate reports for us to share with companies
- Allows agency to educate companies that are consistently not passing inspections

Example


List
Pivot
Bar
Line
Map
Number
Rows
Ab Carrier Name
Values
123 Number of citations
Color
Carrier Name
SWIFT TRANSPORTATION CO OF ARIZONA
WERNER ENTERPRISES INC
FEDEX GROUND PACKAGE SYSTEM INC
NEW PRIME INC
LANDSTAR RANGER INC
UNITED PARCEL SERVICE INC
LANDSTAR INWAY INC
MVT SERVICES LLC
CONTRACT FREIGHTERS INC
CRETE CARRIER CORPORATION
450
414
302
268
248
219
213
211
207
195
0
50
100
150
200
250
300
350
400
450
Number of citations

Works with our Smart Roadside Technology

Coming soon is the integration of all databases at the Port of Entries. We don’t know what that looks like, but we are excited about the possibilities.

Overall Takeaway

Challenge:

- Limited manpower
- High-risk problem areas
- Nefarious companies
- NM is 5th largest state in the nation
- Bureau is stretched thin

Solution:

- Transformative software (Peregrine)
- Proactive instead of reactive
- Real-time data helps pinpoint problem areas
- Immediate action when dispatching officers
- Concrete data to measure impact, refine strategies
- Make a meaningful difference

So why do this?

Like many states, New Mexico faces significant challenges in our mission to ensure safety on our roads. We grapple with limited manpower, high-risk problem areas, and, yes, those nefarious companies and drivers who endanger lives. Being the fifth-largest state in the nation, our CVE bureau often feels like it's stretched too thin to make the kind of widespread impact we know is needed.

But I hold onto a powerful truth: Data is normally good for one thing—revealing the patterns of the past. For too long, state agencies, including ours, have been stuck in that cycle—reacting to yesterday's problems and chasing trends instead of staying ahead of them.

That's why I am so excited about this **transformative software.** For the first time in my career, I have the tools to be **proactive** instead of retroactive. I can see real-time data, pinpoint problem areas, and take **immediate action.** I can dispatch officers to the places where they're needed most, when they're needed most—and I know we're making a meaningful difference.

What's more, after any operation, we're no longer left guessing. We have concrete data to measure our impact, refine our strategies, and truly understand the effect of our work.

This is more than just technology—it's a game-changer for law enforcement. It's putting us back in the driver's seat, allowing us to shape the future of road safety instead of being shaped by the past.

With that, let me give you a sneak peek into what this incredible system can do.