

Vehicle accidents are taking an increasing toll as the number of crashes continues to climb. US fatalities have risen 18% in two years¹ and the Department of Transportation estimates the total annual cost from car crashes is \$340 billion².

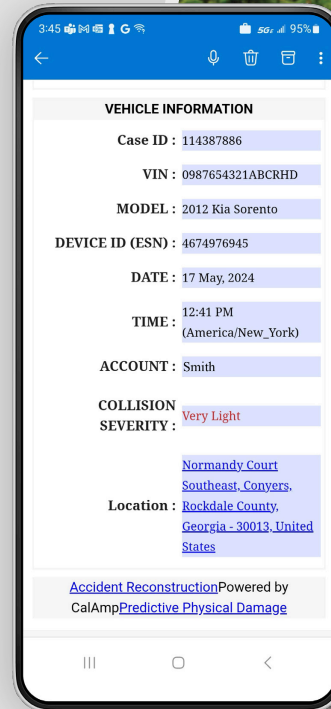
The safety and liability issues arising from driving incidents make it imperative that organizations know the details of accidents involving stakeholders as rapidly as possible.

Crashboxx AI is an ideal solution for companies, government entities, and school districts looking to boost safety and avoid liability, delivering:

- Immediate crash detection and email notification for light-duty vehicles
- Severity estimation (5-point scale)
- Accident Reconstruction report
- Predictive Physical Damage report

CrashBoxx AI is available with an array of CalAmp vehicle tracking devices.

Email notifications include links to Accident Reconstruction and Predictive Physical Damage reports. You can also view accident summary data in your CalAmp app or via API.



Advanced Technology Ensures Superior Reliability

Aftermarket solutions often rely on a single threshold breach for accident detection, such as sudden deceleration measured by the accelerometer on a smart phone. By comparison, CrashBoxx AI utilizes a high-precision algorithm for accident detection, aggregating multiple parameters for reporting, such as:

- Accelerometer data from the CalAmp tracking device
- Weight and frame information based on the vehicle identification number (VIN)
- Proprietary crash verification process, comparing incident data to an exhaustive library of historical crashes

This state-of-the-art architecture is designed to virtually eliminate the false positive accident reporting issues experienced with other systems. The result: superior accident detection, notification, and reporting within seconds that you can rely on when it matters.

¹ National Highway Traffic Safety Administration Overview of motor vehicle traffic crashes in 2021

² US Department of Transportation

Predictive Physical Damage Sample Report:

Vehicle Details

Region:

US

Make:

Toyota

Model:

Corolla

Year:

2018

VIN:

0987654321

Device ESN:

0987654321

Crash event details

Case id:

0123456789

Severity:

Heavy

Pre-crash Speed (mph):

50

Event date:

May 20 2024

Event time:

UTC 11:19:03 PM

Account:

CalAmp

Crash lat:

33.1353879733

Crash long:

-117.28144328

Address:

2200 Faraday Ave

Speed (mph):

Carlsbad, CA 92008

AI Event classification:

CONFIRMED

Bill of materials

Rear Bumper Cover:

2 TailLight Assy

Rear Bumper Rebar:

Trunk Lid

Rear Fender:

Rear Glass

2 Rear Wheel Assy:

Rear Axel

Seat belt and d-ring:

Side air bag

Side curtain air bag:

Side air bag Sensor

Ecu:

Location of impact: Map

Location of impact: Street View

Acceleration chart

Speed chart

Location of impact: Street View

PDOF - Primary Direction Of Force

Pdof (angle of impact):

114.5 degrees

Severity:

Heavy

Peak g:

11.2 g

Delta v:

9.21 mph

Contact CalAmp today to discuss your driving safety needs:

calamp.com/request-a-demo