KEEPING COMPANIES MOVING AT THE SPEED OF INNOVATION

Enhancing Industry Performance

November 2022

with Saucon's Adaptive Technologies. Saucon continues to develop new technologies to address industry challenges and improve efficiency. These new technologies will integrate seamlessly with existing systems to enhance performance.

The bus transportation industry is still somewhat uncertain and unsettled from the lingering effects from the pandemic; this is in part due to the lack of skilled employees, drivers, and the continuing battle of supply chain issues.

However, as the fourth quarter of 2022 arrives, Saucon continues efforts regularly behind the scenes resolving those technology challenges with performance enhancing technology of additional innovative products and services.

These solutions include an **Intelligent Adapter** and an **External GPS Antenna**. These additional elements combined with software and firmware updates have played a significant part to provide greater enhanced performance for the Saucon onboard equipment.

Further, additional features that are in the final testing stages include enhancements for the embedded **Accelerometer** and **Gyroscope** to offer further analysis of driver behavior. Some features may require additional calibration.

Challenged with a lack of available components to support onboard video, Saucon's leadership made a decisive step to reevaluate the system to best alleviate supply chain issues. The Development Team also has made substantial improvements to the **Onboard Video system**, by

exploring a re-design to improve performance and deliver a more robust and advanced solution. **The result** – the next generation **IoT III Video System** now stores the onboard video data directly in the Prox II LE-SD

device instead of the video units. This increases continuity of smooth video as the new solution allows for guicker and faster video download speeds. By storing the video data directly in the Prox II LE-SD device, significant performance improvements have been reached as well as increased stability from the 1080p high-def cameras and the overall

performance of the video platform. Part of the impact of the pandemic included loss of personnel. Many motor coach operators are struggling to gain back both drivers and mechanics / technicians to the work force. With the significant increase in demand for technical installation support, Saucon has made a serious commitment by increasing the number of trained Saucon technicians to the team.







a Telematics

first few years before the ELD mandate, and

determined to find a more reliable partner,

so I narrowed the decision down to Saucon

vendor's camera system, however, we did

dependent on the driver's personal phone for managing Electronic Driver Logging

When we sat down and talked to Saucon,

I knew from the start that their system was

we liked their product but unfortunately,

they weren't very reliable. We were

At the time we were using the other

not like the fact that their system was

Provider

and another vendor.

(ELD).



"When we sat down and talked to Saucon,

I knew from the start that their system

was more innovative and user-friendly,

I liked what we saw."

VIP Sports Getaway

From a Compliance standpoint, our insurance provider appreciates the availability of the information Saucon

We have an insurance audit about once

a year, it was reassuring to witness how

Saucon had the ability to produce any

report requested. We have also had a

have the ability to produce the reports

unfortunately, our previous vendor, didn't

couple of FMCSA and NCAA audits,

Rick Wright, Safety Manager

Abilene, TX

provides.

more innovative and user-friendly than the other system that we were reviewing. I liked Saucon's dedicated fixed touch screen tablet mounted on the bus, but what I liked most, was that Saucon understands passenger ELDs and specialized in servicing the Motorcoach Industry. Other factors why we ended up choosing Saucon.

Driver Portal for each Driver to monitor

The innovative way to track fuel usage,

and log hours

idle time, state mileage

 Easy-to-use reports, tracking tools, and video surveillance to review customer inquiries Integrated Maintenance system. Without a doubt, Saucon's system was the best I had seen, so we made the move to Saucon.

We have now been utilizing the Saucon system for some time, as a Safety Admin

it has been easy to use and our Drivers

the hours of service.

Saucon has

in providing

Connected

Diagnostics

Solutions.

collaborated with

Cummins Digital

This partnership provides

Connected Diagnostics

on Cummins engines,

which is unique to the industry by providing the

information needed to

make informed time-critical decisions within seconds of a fault occurrence.

Contact our team at Saucon to get

Trailways Annual Meeting

UMA Motorcoach Expo

go further and work smarter.

IMG Maintenance & Safety Forum

more information from your Saucon Telematics Solution.

appreciate our move to the Saucon platform

and also like the ease of use for managing

OFF

PRE-TRIP **POST-TRIP UN/LOADING** YARD MOVE MORE **ADVERSE**

07:00:20

08:47:55

that the inspectors requested, we are much more confident going into an audit with Saucon. We have been extremely satisfied with the support provided since we started using

Saucon. Saucon's response to queries is

fast and reliable. The training I received

of technology that is packed into these

Saucon systems, there have been a few

from the other Saucon team members was extremely helpful. With the high standard

challenges, but we can either fix it ourselves

or the Production Support Dept. will recommend a solution. In a time when time and cost are more important than ever, Saucon's cost-effective solutions and their support team give me total peace of mind. **Rick Wright**

Safety Manager

Abilene

TX

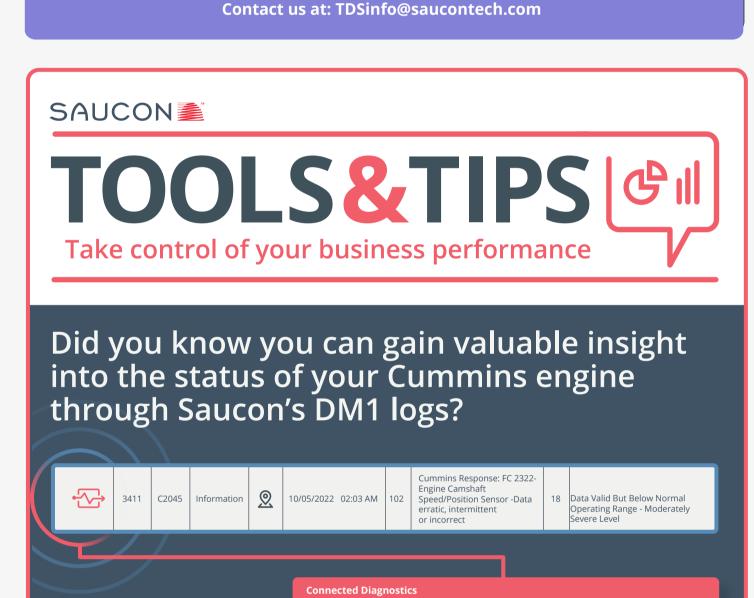
VIP Sports Getaway

△ FMCSA 70/8

PERSONAL CONVEYANCE

OME TERMINAL JOE MARLIN - ON DUTY 11:12 10 Hrs MY PROFILE

LOGS



Connected Diagnostics

Recommended Action: Contact to be operated until end of shift.

Primary SPN

Suggested Root Causes:

Component or System Intake Manifold Pressure Sensor

Charge Air Cooler Plumbing

FB103963524189 3411

44723100 SECC22EE7S1635290

6XL u07G089

a Cummins certified repair location for repair assistance. Equipment may continue

The fault code indicates that your engine has entered a situation where performance on road speed will be limited, and you may experience the following:

(え) 888.872.8206

TDSinfo@saucontech.com

January 09 - 11

January 11 - 14

February 02 - 04 2023

February 04 - 07 2023

WF

2023

2023

For assistance, please use the Cummins Service and Parts Locator, or call 1-800-343-7357.

10/05/2022 02:03 AM Intake Manifold 1 Pressure - Data Valid But Below

Description 10/05/2022 02:03 AM Engine Intake Air Mass Flow Sensor Circuit

Normal Operating Range - Moderately Severe Level

- Abnormal Frequency or Pulse Width or Period

63%

5%

102

18

Notification ID:

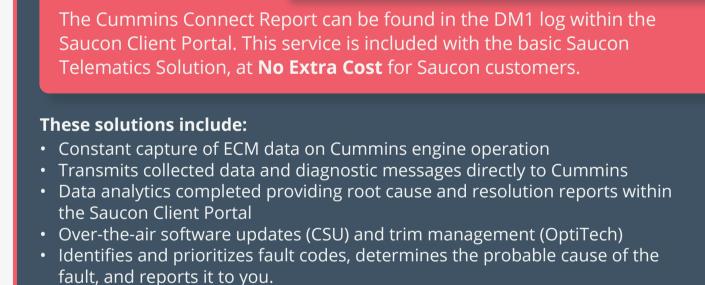
Engine Model:

SPN:

FMI:

Vehicle ID: Engine Serial Number:

If you have a story to share about your experience using our products, we would like to hear from you



Calendar Events

January & February, 2023

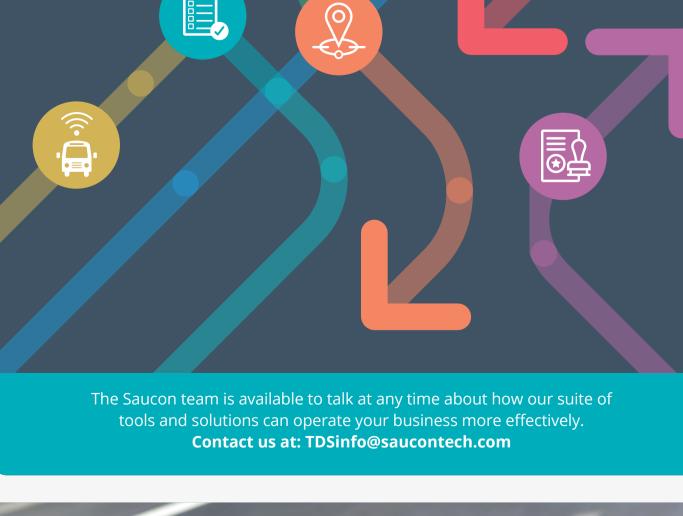
Busworld / ABA Marketplace Detroit, MI

& Conference

Orlando, FL

Orlando, FL

WE KNOW



Lane Handling

TODAY'S SCORE SO FAR

36

LAST CALCULATED TODAY AT 12:35 EST

YESTERDAY'S SCORE

100

YOUR CURRENT RANK: 0/0

TODAY'S PERFORMANCE

Hard Stops

Some features may require 'Additional Calibration'.



- (L)

Connect with Saucon at the up-and-coming events 2023.

Get to know the team and get up to speed. Check out Saucon's

suite of solutions and see the many ways your organization can

These additional features track data and provide instant feedback as it relates to Harsh Braking, Harsh **Turning & Abrupt Lane Changing.** Saucon Safe Driver Event Categories



Top Speed Harsh Turning Harsh Braking

CURRENT RANK 8/8 (Last 30 days)

MY SAFETY SCORES

命

CHANGE +61
VESTERDAY 100 THIS MONTH SO FAR CHANGE SINCE LAST +3 THIS QUARTER SO FAR Last calculated today at 9:05 EST

Contact our team at Saucon to enquire about how Safe Driver can assist to improve your driver performance. Contact us at: 888.872.8206 or TDSinfo@saucontech.com

Hard Stop

Posted Speeding

Top Speed Count

Idling