



Calibrate, Install, Maintain

“FMS Section”

(Fuel Monitoring System)

Industrial 4.0

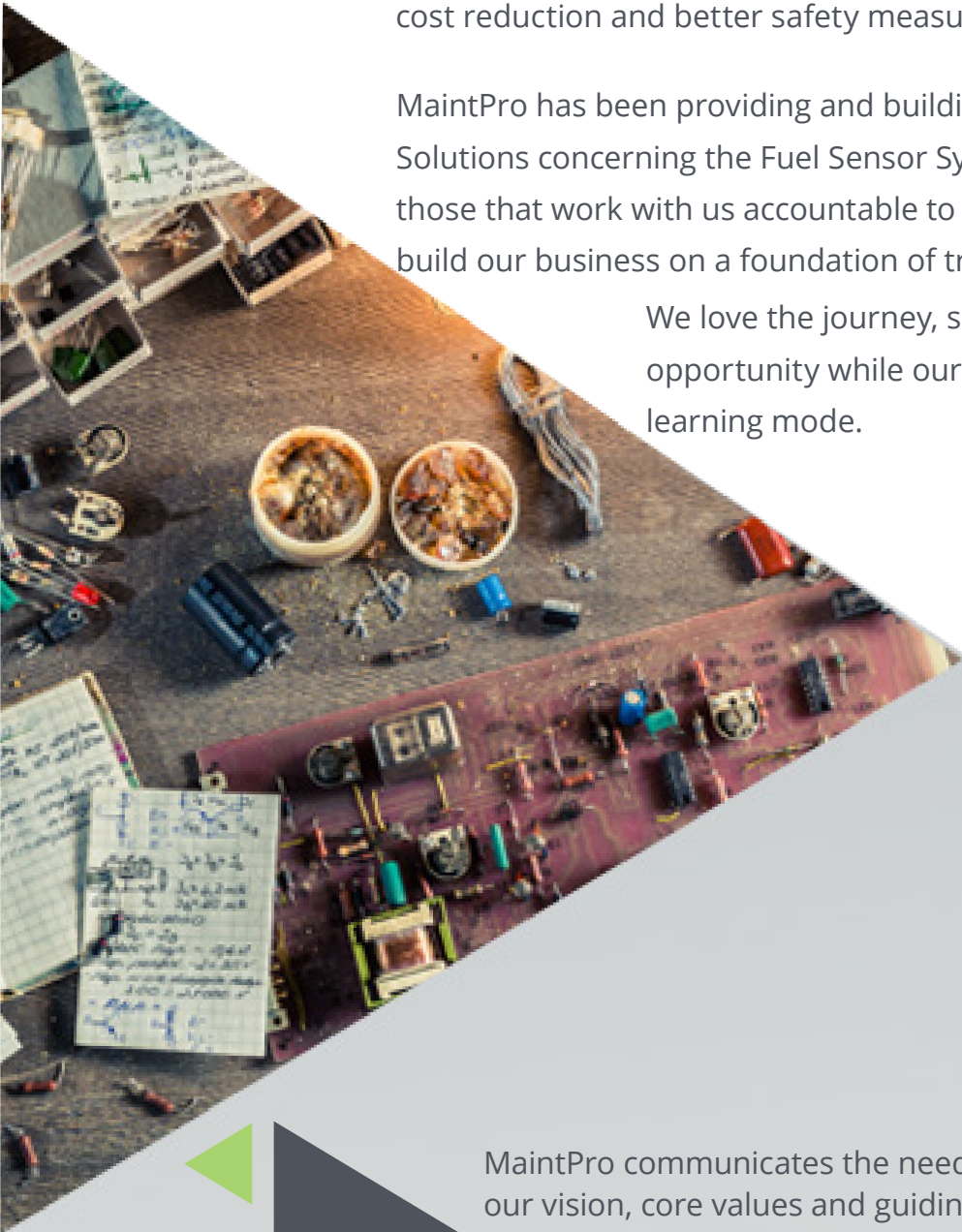


WHO WE ARE

MaintPro is a company that offers solutions for fuel monitoring systems. We are a sister company to JA Trucking which is a transportation company that has been providing its high standard services and expertise for years. In order to maintain our success, we used these fuel monitoring systems on our trucks, and the results were as expected; fuel cost reduction and better safety measures.

MaintPro has been providing and building Hardware and Software Solutions concerning the Fuel Sensor System. We hold ourselves and those that work with us accountable to the highest standards of ethics to build our business on a foundation of trust.

We love the journey, seeing every problem as an opportunity while our personal mission keeps us in the learning mode.



MaintPro communicates the need for accomplishment by embracing our vision, core values and guiding principles. Our leadership is demonstrated through our passion and commitment to accomplishing our goals.



WHAT WE DO

FMS is a system that consists of a wide variety of fuel level sensors, and fuel flow meters as well as system configurations thus combining hardware and software to guarantee the best fuel management. We create solutions for Vehicles, building and industrial management systems. Our devices provide customers with full flexibility and choice.

Our extensive assortment of sensor solutions includes classics such as:



COST REDUCTION



FUEL THEFT PREVENTION



AUTOMATED FUEL AND REPORTING



FUEL CONSUMPTION RECORDING



FUEL QUALITY



ACCURATE AND REMOTE MONITORING



OUR MISSION AND VISION

Imagine, build, demonstrate, and commercialize technologies that provide environmental and economic benefits to customers, while exceeding performance and operational characteristics of conventional solutions.

Strive for absolute customer satisfaction at every opportunity

Customized solutions that are tailor-made to meet the industry's specific needs implemented by an experienced software development team, and are for the most effective market innovating features, the Hardware Solution is always assessing the evolving situations of the modern business world. Based on our technology know-how and relationship with technology partners, we always adopt and deploy the best approach that fits the customer budget and requirements without compromising the technology deliverables and quality of technical support.

Our strength lies in our ability to utilize the existing Solution of Fuel Sensor equipment and to increase one or more key variables in order to increase process safety. Our projects always aim to improve the following key areas:

01 Process Stability, better process control and stable production.

02 Reliability & Availability, less down time and more utilization.

03 Efficiency, less energy loss, better downstream process values.

04 Running costs, less maintenance & operation costs.

05 System Integration, enable old system to integrate with new system.



PRODUCTS AND SERVICES

MaintPro has chosen to maintain the quality of its solutions to the highest of standards.

Our Products are:



**CAPACITIVE
SENSORS**



ULTRASONIC TECH



**FUEL FLOWMETER
LOW AND HIGH**



**VISCOSITY &
DENSITY SENSOR**



**X, Y & Z ANGLE
SENSOR**



**TEMPERATURE
SENSOR**



TERMINALS



CAPACITIVE SENSORS

Capacitive sensors are not only superior in object and level detection applications, but they are also highly specialized for a wide range of challenging applications. The capacitive sensors consist of high temperature and pressure ratings.



The Capacitive sensors are ideal for presence detection of nonmetallic objects and levels of granulates, powders, viscous media or liquids, whether conductive water-based or non-conductive fluids such as oil.



ULTRASONIC TECH



Ultrasonic sensors work by transmitting energy in the form of ultrasonic waves to a target object, which reflects the waves back to the sensing head. Ultrasonic sensors are largely used in measuring distances based on the time it takes for the wave transmission and reception to be completed.

Ultrasonic sensors can be used for detecting levels of liquid content in a tank or container. The sensor emits the wave towards the liquid surface, which bounces the wave back to the sensor receiver. The data is sent to a system to calculate the liquid level based on pre-programmed information about the tank's full level.



FUEL FLOWMETER LOW AND HIGH

It measures the Flow of fuel meter during a time period (such as 100 liters per minute). Other flow meters measure the totalized amount of fluid that has passed through the flow meter (such as 100 liters).

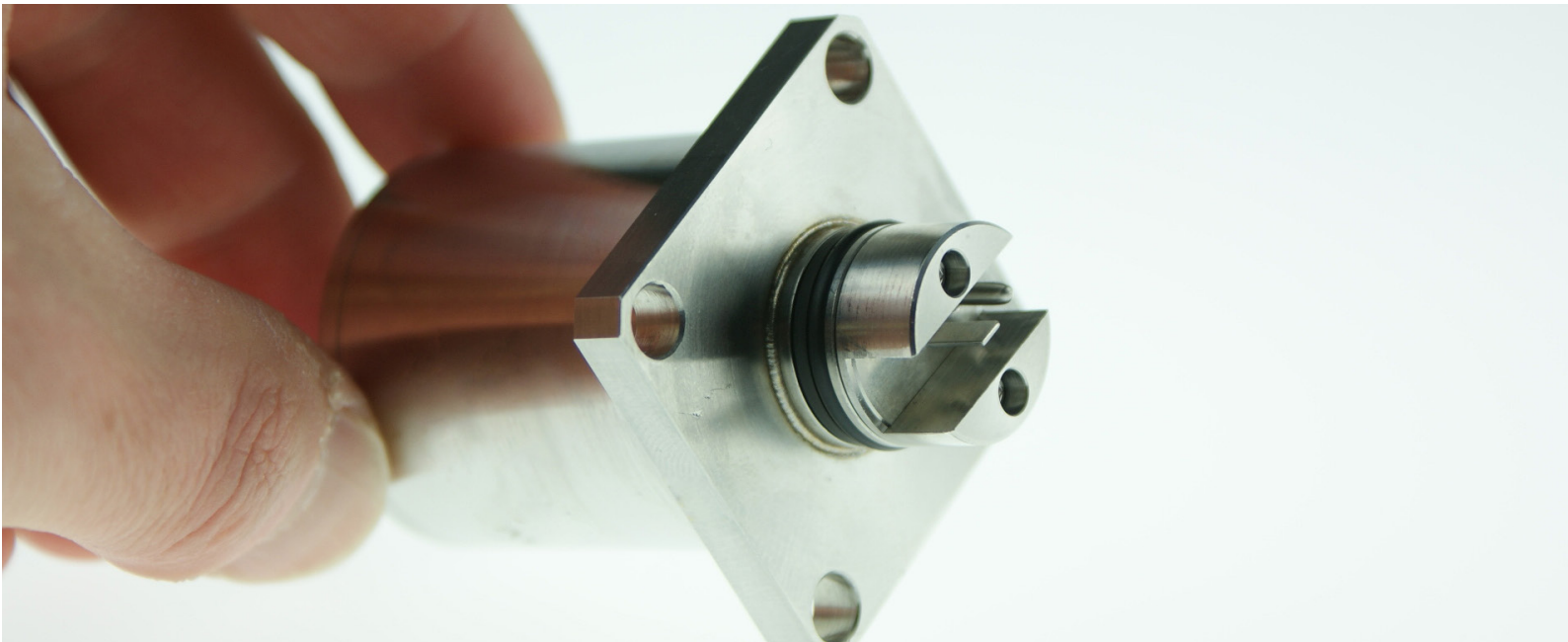


Flow meters consist of a primary device, transducer and transmitter. The transducer senses the fluid that passes through the primary device. The transmitter produces a usable flow signal from the raw transducer signal. These components are often combined, so the actual flow meter may be one or more physical devices. Additional flow meter technologies include flow meters that measure liquid flowing in an open channel, and insertion flow meters that measure flow at one location in a pipe and use this measurement to infer the flow in the entire pipe. Insertion flow measurement systems often use a flow computer to compensate for hydraulic effects.



VISCOSITY & DENSITY SENSOR

VD sensors are used for simultaneous down hole hydrocarbon density & viscosity measurement. VD sensor family operates under extremely harsh environments.



X, Y & Z ANGLE SENSOR

The angle sensor is designed to determine the position of the object in space with respect to 3 coordinate axes.





TEMPERATURE SENSOR



A temperature sensor is a device that typically measures the temperature via an electrical signal. This sensor is made from two dissimilar metals that generate electrical voltage in direct proportion to changes in temperature.





TERMINALS

MaintPro's range of on board terminals (vehicle trackers) delivers a consistently high performance, whatever the environment. They are versatile, reliable and efficient. Our on-board terminals can be installed in a wide variety of vehicles & assets. They are connected to a range of sensors and to an on-board computer. This data is read and transmitted to the fleet management system & BMS.

All MaintPro Terminals are compatible with most third-party monitoring systems, sensors and peripherals.



TERMINAL LIGHT

The Terminal Light is designed for light commercial vehicles and Gensets. Its compact design makes it ideal for open mounting and easy installation in the vehicle's cabin.

It reads data from several fuel level sensor and other external equipment including digital or analog sensors, type pressure indicators, temperature, weight, RFID identification.



TERMINALS MEDIUM, HEAVY & HEAVY PLUS

This terminal is built for medium and heavy assets operating in complex projects and in highly demanding situations. It has an IP54 protection rating and comes in two versions, the one with WiFi for areas without GSM coverage & the second with 3G versions.



Medium & Heavy range of on-board terminals delivers consistently high performance, even in extreme conditions. Vibration, extreme fluctuations in temperature, humidity, etc., are no match for our terminals which support GPS & GLONASS navigation systems for maximum precision. Features include autonomous operation, parameter control for auxiliary equipment and compatibility with most third-party monitoring systems, sensors and peripherals. We've also added video surveillance (HEAVY PLUS) capabilities to the line.



CONTACT US



Location Lebanon

TEL/FAX: +961 1 286 968
Mobile: +961 3 224 847

Furn el Chebbak, Boueiz & Mattar St., Wajih Abou el Hussein Bldg.,
1t floor

Email: rudy@maintprolb.com / sales@maintprolb.com
Website: www.maintprolb.com



Location Germany

Mobile: 0049 151 75553512

Country: Germany

City: Mannheim

Street: U4,4

Number of post: 68161 Blažević

Email: sales@maintprode.com

Website: www.maintprode.com

Location Bosnia and Herzegovina

Mobile: +38763265117

Country: Bosnia and Hercegovina

City: Citluk

Street and number: Rudarska 11

Number of post: 88 260 Citluk

Email: sales@maintproba.com

Website: www.maintproba.com

