GF Technologies
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Eradicate corruption and poverty by cutting edge technology

AN ULTIMATE SOLUTION TO STOP FUEL THEFT AND ADULTERATION

1. Positioning

Target Customers: Energy Regulators and Tax Authorities, Fuel Retailers, Fuel Logistic Companies.

Problem to get addressed: Fuel Theft & Adulteration facilitate massive tax evasions and massive losses for budgets of different levels, for Fuel Retailers and Fuel Logistic Companies.

Solution: we assure that what is filled in the depot is delivered to the customer, related to fuel quality and quantity making fuel theft and adulteration "business" highly vulnerable to law enforcement.

What is the difference: our solution based on integration of cutting-edge sensing and data processing technologies with a service business model that eliminates growth of operational complexity and fixed assets for end-users.

2. Product Summary

We offer a Real-time Monitoring of Fuel Integrity 24x7 Service that provides permanent tracking of the quality, quantity and geographic position of every delivery batch.

3. Milestones

- *Startup founded – March 2016*
- *First system prototype successful testing in Russia and Kenya – February 2017…November 2017*
- *Two new experts in business solutions join the team of six enthusiasts – September 2017*
- *Advanced and tested system design is in place – October 2018*
- *Invited as experts to join a workgroup at Russian Government to develop a roadmap for implementation of fuel traceability and quality monitoring – November 2018*

4. Problems

Tax evasion due to fuel adulteration and theft accounts over $80bn annually. Additional annual losses of retailers account over $30bn. Fuel syphoning causes direct annual losses of $30-100k per tanker-trailer.

Some governments implement fuel marking technology to trace low taxed fuels and to increase tax collection with a confirmed ROI of 2x-15x of these initiatives. However, this technology has higher cost of ownership than our solution, do not provide any benefit to fuel retailers and logistic companies, less informative and cannot address many other related to fuel quality and theft issues.

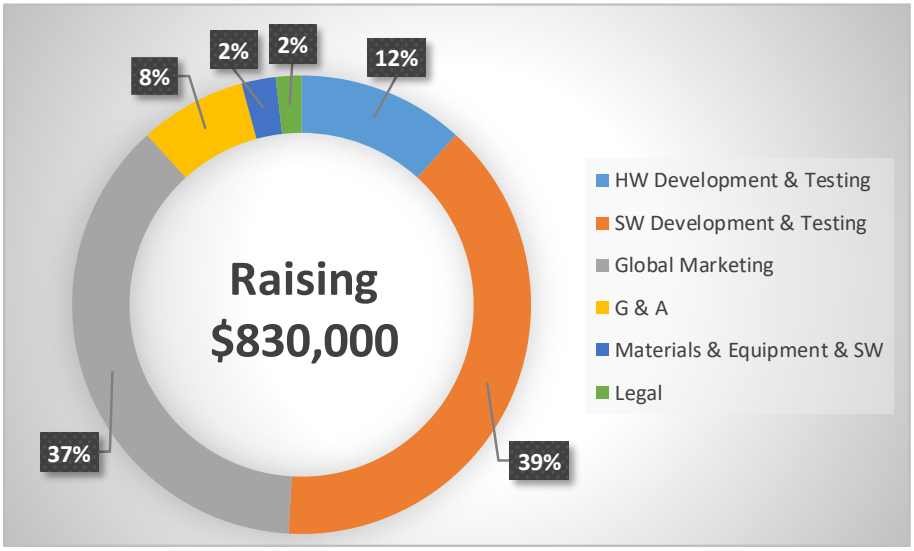
Traditional GPS-tracking or fuel tank sealing do not work in practice and can be quite easily bypassed.

5. Solution

Key solution components:

- *unique set of sensors at reasonable cost forms a fuel fingerprint;*
- *proprietary data processing models integrated in own designed processing module guarantees fuel integrity;*
- *proprietary event recognition algorithm based on implementation of Neural Networks and Big Data reduces manual labour and improve efficiency of detection of even minor unauthorized deviation of fuel quality and quantity;*
- *turn key approach - monitoring centre architecture, application SW, role descriptions and training courses for personnel;*

6. Funding Goals



7. Founding Team



Vadim Gavrilenko, Founder & MD

A professional with a problem-solving approach and diverse international experience in strategy and business development

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Denis Malakhov, Co-Founder & Technical Director

A successful entrepreneur with 10-year experience of development telematic solutions

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Vladimir Chaadaev, Co-Founder & System Architect

A high-profile system architect designed and delivered dozens of ERP, BPM & CRM implementations

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