

Globexplore

Digital evolution in fleet management



Globexplore is a client-focused, technology-driven mining exploration and drilling contractor, backed by the most efficient infrastructure of any drilling contractor in Mexico, with world-class drilling methods and techniques that only years of experience can achieve, and a high-tech head office that operates five satellite facilities located in the main mining regions of Mexico.

Globexplore is a leader in technology and innovation in its sector, 80% of its fleet is less than 5 years old and each rig is completely updated annually, it has the most modern drilling fleet available in its industry and a solid reputation with its clients as their strongest asset: everyone they have worked with would hire them again and recommend their service!

The Challenge

With a vehicle fleet of more than 170 units and the need to efficiently manage the operation, logistics and maintenance of the units, the opportunity for Didcom to collaborate and propose solutions arises through the prospecting of our commercial department.

Globexplore needed to have greater control of its fleet with the main objective of optimizing the operational and economic resources allocated to vehicle units, with the firm purpose of promoting digital evolution in fleet management processes.



Main challenges for efficient fleet management in the mining services sector:

- + Extensive routes between operational bases and service areas
- + High corrective maintenance costs in remote areas
- + Complex effective monitoring of vehicles in remote areas
- + Misinformation about the relationship between poor driving and mechanical failures



La Solución

Didcom provided a proof of concept, which consisted of equipping some fleet units with our telematics solution for a determined period of time, with timely monitoring, advice, and analysis to review progress and results. **The demo stage was successful! Managing to demonstrate the ability to configure a solution according to the requirements and needs of Globexplore, represented the opportunity to resolve the current uncertainty issues that the company's management sought to improve.**

The preliminary stage analysis made it possible to identify in detail the real state of the fleet's operation, determining the priority of the business rules to be implemented, **highlighting three specific issues that stand out as patterns of operational behavior that required monitoring and measurement to plan improvement opportunities for the benefit of fleet management and business profitability:**

1. **Idle time**
2. **Speed limit**
3. **Maintenance programming**



Technology Development and Integration

Didcom

- + Telematics solution installation for the entire fleet
- + Travel logs between zones
- + Deep analysis of high risk indicators
- + Measurement of hours in idling time
- + Implementation of measurement indicators
- + Driver ID, driving habits and feedback behind the wheel
- + Monitoring and punctual analysis of indicators
- + Advice on good operating practices and efficient and safe driving habits
- + Analysis of results and timely strategy
- + Punctual maintenance log
- + Registration of work zones and geofences
- + Engine data information and fault codes
- + Vehicle location logistics
- + Statistics and trends in critical variables of the operation





The Benefits

Globexplore, through the effective implementation of Didcom telematics solutions and its involvement in the project, has made amazing progress in its fleet management, identifying and quantifying savings opportunities in its operation, as well as implementing appropriate management initiatives for continuous improvement. , endorsing as a result the real impact and benefit of telematics within the organization.

- + Reduction of expenses and promotion of the evolution of the reactive to proactive fleet backed with valuable information and predictive analysis in driving, safety and maintenance
- + Reduction of idling time in the work area and speeding events by increasing the operational efficiency of the fleet with the interpretation of the information and its conversion into key operating indicators

- + Economic and operating time savings through the reinforcement of compliance with maintenance dates, gradually transforming corrective into preventive maintenance
- + Increased logistics productivity by transforming fleet data into business operational advantage through digital transformation processes

The objective of the project was clear, to provide detailed control of the operation at all times, allowing the identification of operational failures and opportunities to reduce unnecessary costs, involving a series of elements to be managed and resolved in order to achieve a profitable and incident-free operating fleet to ensure the best customer service.

Extracting valuable information from fleet data and converting it into measurable income or reflecting it in a reduction in expenses is a sample of the intelligent and timely decisions that can be made supported by a telematics solution integrated into your company.



We thank Globexplore for the opportunity to support them in their business operation and for the trust they have given Didcom.



Let us create a success story with your project!

Didcom can help you integrate telematic solutions to monitor and identify opportunities for improvement in the operation and fleet management in the mining sector and other industry sectors with an isolated and complex operation.

