

Andretti Global remodels and reinvigorates its inventory tracking with Flowtrac

Andretti Global, a leading name in the world of motorsports, has a storied history of success across various racing series. Managing a fleet of high-performance race cars presents unique challenges, particularly when it comes to tracking and managing the inventory of replacement parts. In 2022, Andretti Global partnered with Flowtrac, a renowned inventory management software provider, to streamline their parts tracking process and enhance their operational efficiency.

The Challenges

Before implementing Flowtrac's inventory system, Andretti Global faced several challenges:

- **Manual tracking:** The team relied heavily on manual processes to track replacement parts, which was time-consuming and prone to errors.
- **Inventory discrepancies:** Inaccurate inventory counts led to either shortages or excesses of critical parts, affecting the team's preparedness for races.
- **Inefficient usage tracking:** It was difficult to accurately track which parts were used on specific cars, hindering performance analysis and maintenance scheduling.
- **Limited visibility:** The management team lacked real-time visibility into inventory levels and part usage across different racing series and location.



ANDRETTI

Founded in the early 2000's by racing legend Michael Andretti, Andretti Global is one of the top names in the world of motor sports. With some of the most skilled drivers and crew members in the world among its ranks, Andretti Global

founded by the racing maestro Michael Andretti, is a real heavyweight in the motorsports arena. Launched in the early 2000s, this team is all about precision, performance and that unmistakable Andretti magic. Combine a lineup of skilled drivers, a dedicated crew and Michael's racing expertise – it's a winning recipe.

Solution

Flowtrac's inventory system provided several key features that significantly benefited Andretti Global:

- **Real-time inventory tracking:** The system allowed for real-time tracking of parts inventory, providing instant visibility into stock levels and reducing the risk of shortages or excesses.
- **Tracking:** Each part used on a race car was logged in the system, allowing for detailed tracking of part usage by car, race, and time. This data was crucial for performance analysis and maintenance planning.
- **Automated alerts:** Automated alerts for low stock levels and upcoming maintenance needs ensured that the team was always prepared and could proactively manage their inventory.
- **Reporting and analytics:** Comprehensive reporting and analytics tools provided insights into inventory trends, part performance, and usage patterns, enabling data-driven decision-making.
- **Mobile access:** With mobile access capabilities, team members could update and access inventory information from anywhere, enhancing operational flexibility.

Implementation

To address these challenges, Andretti Global implemented Flowtrac's inventory management system. The implementation process involved several key steps:

- **Assessment:** Flowtrac conducted a thorough assessment of Andretti Global' inventory management needs, focusing on the specific requirements of their racing operations.
- **Customization:** The system was customized to integrate with Andretti Global' existing processes and workflows. This included setting up part categories, usage tracking parameters, and reporting features.
- **Training:** Comprehensive training sessions were conducted for the Andretti Global team to ensure smooth adoption and efficient use of the new system.
- **Data migration:** Existing inventory data was meticulously migrated into the Flowtrac system, ensuring continuity and accuracy.

Impact

The implementation of Flowtrac's inventory system had a profound impact on Andretti Global's operations:

- Increased efficiency: Automation of inventory tracking processes reduced manual efforts and minimized errors, allowing the team to focus more on performance and strategy.
- Improved preparedness: Real-time visibility into inventory levels and automated alerts ensured that critical parts were always available, reducing downtime and enhancing race readiness.
- Enhanced performance analysis: Detailed tracking of part usage provided valuable data for performance analysis, helping the team optimize car performance and maintenance schedules.
- Cost savings: Better inventory management led to cost savings by reducing excess inventory and minimizing emergency part purchases.

Conclusion

Data-driven decisions: The analytics and reporting tools empowered the management team to make informed decisions based on accurate, real-time data.

The partnership between Andretti Global and Flowtrac exemplifies how advanced inventory management solutions can transform operations in high-stakes environments like motorsports. By leveraging Flowtrac's system, Andretti Global not only enhanced their inventory management processes but also gained a competitive edge on the racetrack through improved efficiency, preparedness, and data-driven decision-making.



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