



Driving Predictable Outcomes with EMX Vision AI and Professional Services



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Dinakara Nagalla, CEO, EmpowerMX

Advancements in technology have brought about seismic shifts in numerous industries, dramatically impacting efficiency, and productivity. Despite the complex landscape of aviation maintenance, where a variety of sophisticated systems and procedures come together, digital transformation is essential to remain competitive. Where this revolution is most distinctly seen is in the contribution of EmpowerMX, a Frisco, Texas-based company that provides advanced aircraft maintenance software solutions leveraging the power of big data and artificial intelligence (AI) to provide predictive analytics.

EmpowerMX recently announced the launch of EMX Vision, an innovative AI-based module transforming Maintenance, Repair, and

Overhaul (MRO) operations. Largely built on machine learning, AI and predictive modeling, EMX Vision significantly enhances the aviation maintenance industry for material, tooling, labor, efficiency, and cost predicting.

CEO, Dinakara Nagalla, highlighted the game-changing impact of EMX Vision stating, “EMX Vision represents a significant technological leap forward in aircraft maintenance management. With this AI-driven base, we’re providing the aviation industry with an innovative way to optimize nearly every aspect of their operations. Our ground-up approach in leveraging large data, models, and apps with an AI-first approach is a game changer.”

EMX Vision was designed to optimize aircraft maintenance operations by providing critical

insights into labor defect probabilities, parameters, and resource allocations. By unlocking capabilities, it paves way for a faster and accurate way to estimate enhancing the efficiency Request for Proposals Request For Quotations and Quoting processes.

Nagalla elaborated on this by saying, “Our software offers several distinct advantages to the airline and MRO industries. By capitalizing on advanced technologies such as AI, machine learning, cloud computing, and predictive modeling, we’re driving an unparalleled level of optimization in every facet of MRO operations.”

One of the noteworthy areas EmpowerMX revolutionizes is supply chain management. The EMX Vision AI-based recommendation engine coupled with their advanced software solutions arm MRO planners with robust forecasting tools that eliminate operational inefficiencies arising from insufficient information. Addressing this challenge head-on, EmpowerMX software enhances not only operational efficiency but also brings down costs, offering a win-win for any business in the airline industry.

A crucial factor adding to the effectiveness of EmpowerMX is their newly unveiled dedicated Professional Services Team.

Led by industry veteran Levi Schmidt, this team is laser-focused on streamlining processes, reducing operational costs, increasing revenue, and optimizing profitability. Schmidt explains, “Our Professional Service

Our Professional Services is a throughput optimizer bringing about a profound impact on our clients’ profitability.

Levi Schmidt, head of Professional Services



offerings are not just an extension of our existing services. They are a throughput optimizer, a solution aimed at reducing costs, increasing revenue, and bringing about a profound impact on our clients’ profitability.”

In addition to its pioneering innovation, EmpowerMX harnesses their expertise in technological innovation to provide real-time insights into staffing adjustment recommendations, skill-based crew building, and intelligent task assignments. Consequently, this puts the highly advanced manpower planning software at the frontlines of the industry in the face of workforce shortages.

Whether it is bridging informational gaps, streamlining MRO operations, or mitigating workforce challenges, EmpowerMX is well positioned at the convergence of breakthrough technology and a visionary strategy.

Their commitment transcends just offering top-tier software solutions as they embark on setting new benchmarks through a 360-degree commitment towards enhancing operational efficiency, productivity, and boosting profitability.

As airlines and MROs steer towards digitization, EmpowerMX stands as a trusted conduit, facilitating their transition to realizing their maximum potential. 