Whitepaper

VOTIX
Drone Orchestration and Automation

Unlocking Business Potential Using Enterprise Drone Software

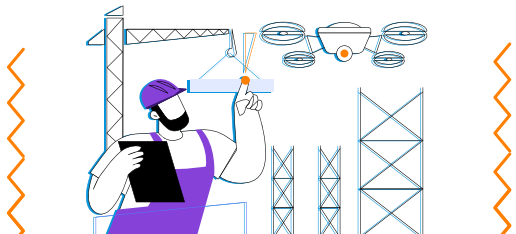


How to justify to executive decision-makers that a company should invest in enterprise drone software to enhance their operations?

The financial benefits of implementing enterprise drone software in your operations vary depending on the industry and specific use case. Drone software offers several economic benefits, such as:

Cost savings

Reduce the need for numerous manual labor and physical presence. Moreover, drone software can help reduce the expensive time experts waste on field operations. For example, drone software can help optimize, automate, or remotely operate large infrastructure inspections in remote locations such as pipelines or wind turbines, reducing the need for expensive and time-consuming inspections that oftentimes require experts onsite and long wasted and expensive onsite hours. Sensors onboard drones can be remotely operated to monitor equipment and machinery for preventative maintenance, reducing the likelihood of costly breakdowns and downtime while making onsite labor and optimizing expert time by concentrating them in command or remote operation centers. Drone management software helps further enhance how drone operations are conducted and governed, providing critical insights to improve operations and identify efficiencies. Labor-intensive operations, where experts are traditionally deployed onsite, have reduced their expenditures by up to 90% when implementing remote operations or command centers using enterprise drone software.



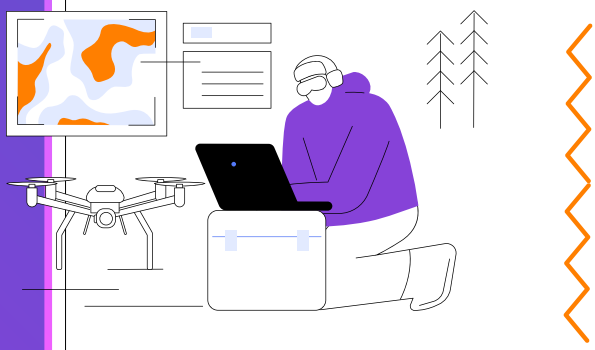
Improved efficiency

Enterprise drone software unifies information, standardizes processes, streamlines data flow, and integration, and provides real-time and insightful information to make better, informed decisions. For example, enterprise drone software can help optimize supply chain management by integrating and unifying inventory information and automatically transferring it to warehouse management systems. Furthermore, enterprise drone software helps integrate warehouse inventory management systems with drone operations and run analytics and AI on inventory assessed for faster and more efficient inventory reconciliation. Users and operators experience a unified interface and a common process to execute their duties during drone operations. Both training and process compliance are significantly enhanced. Implementing enterprise drone software can improve up to 30% your operational efficiency.



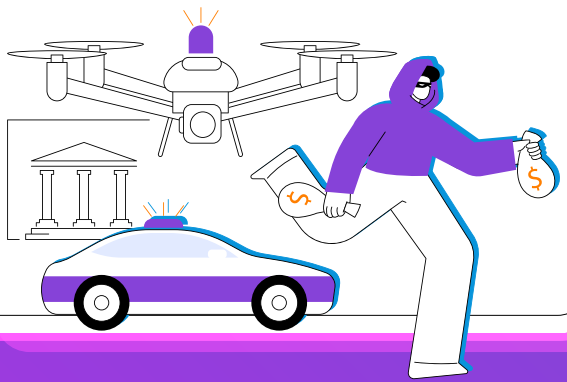
Cybersecurity and chain of custody

Enterprise drone software enables several levels of cybersecurity and controls in the chain of custody for both the process and the associated data. More than ever, drone operations involving critical or sensible data and processes require several levels of protection and traceability. Companies must have peace of mind during data collection with drones and later during storage and retention. Moreover, many drone operations, such as those in defense and law enforcement organizations, require higher levels of cybersecurity and control. For example, enterprise drone software can help critical infrastructure companies like Utilities better surveil and monitor their infrastructure while protecting data collected and drone operation patterns. Companies that implement enterprise drone software can reduce up to 40% of their incidents with cyber-attacks on drone operations, operational disruptions, or loss of data due to human error or miscommunication.



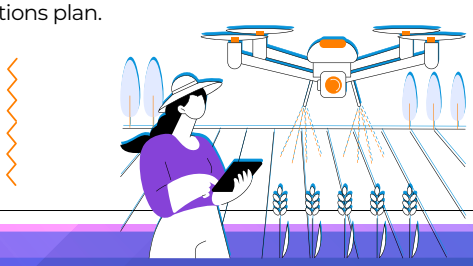
Enhanced safety

Enterprise drone software improves operational security by providing real-time situational awareness and collaboration to identify or prevent potential hazards and risks. By proactively identifying potential issues, organizations can reduce costly accidents and injuries, frequently leading to lost productivity, insurance claims, and legal fees. Moreover, drone software allows remotely operating drones to react to threats and incidents immediately and reduce team exposure to dangerous or adverse situations. Furthermore, many industries have strict regulations and stiff penalties. An accident or safety-related compliance problem can lead to a significant loss of business or total operational termination. For example, a company inspecting toxic oil & gas infrastructure, oftentimes requiring sophisticated drone equipment, can use enterprise drone software to inspect equipment in real-time and make fast decisions on potentially hazardous material or critically damaged infrastructure. This technology can enhance by ten folds the safety of an operation where human lives are involved.



Competitive advantage

Investing in enterprise drone software gives organizations a competitive advantage by enabling them to operate more efficiently, safely, and cyber securely than competitors. Companies can differentiate their operations from competitors when providing real-time monitoring, analysis, and collaboration. Companies can more easily retain customers and attract new ones, increasing revenue and profits. Use enterprise drone software to manage data better and collaborate with partners and customers. For example, construction companies can use enterprise drone software to show their customers building sites progress in real-time, creating higher levels of customer engagement and satisfaction. Companies have seen more than 15% increase in sales by implementing enterprise drone software as part of their drone operations plan.



Improved data analysis and Artificial Intelligence

Enterprise drone software helps companies acquire, process, and analyze large amounts of data to identify trends, patterns, and areas for improvement. Use drone software to leverage this data, make more informed decisions, and optimize operations, ultimately improving financial performance. Artificial Intelligence and Machine Learning technologies in enterprise drone software enable deep analytics and real-time decision-making during operational execution. For example, by implementing enterprise drone software, disaster recovery government organizations can leverage powerful real-time capabilities to analyze patterns and rapidly react to critical situations that jeopardize the lives and property of citizens. Companies that implemented enterprise drone software have increased more than 25% the speed and accuracy of their operational decisions.



Investing in drone hardware and software for enhancing situational awareness can provide various financial benefits, from cost savings and improved efficiency to increased safety and differentiated competitive advantage. The long-term benefits of introducing drone technology in your industrial operations can outweigh the initial costs, making it a sound financial decision for many organizations.

Contact VOTIX for a trial and "Go Beyond"!

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