



FlightDeckToGo®

VTR's FlightDeckToGo® leverages the power of virtual reality (VR) technology to deliver a portable, easy-to-use, realistic, and dimensionally accurate pilot training platform.

FlightDeckToGo® can be used anywhere, allowing pilots to gain proficiency in normal and non-normal procedures prior to arriving at the training center. Using FlightDeckToGo® for initial training of flight deck orientation, flows, and procedures allows training organizations to reduce simulator and instructor time, optimize real estate, increase pilot throughput, and, ultimately, create better trained pilots.

FlightDeckToGo® is available in three tiers: Base, Plus, and Premium. Key features in all tiers include:



MOBILE

FlightDeckToGo® is a completely untethered VR training device. No computer, no wires. Train anywhere, at any time. Provide your pilots with the opportunity to learn when they want, where they want.



PROPRIETARY FLIGHT DECKS

VTR flight decks are 100% proprietary and are not derived from consumer-grade games. We build each flight deck from the ground up using our decades of professional aviation experience to provide the most accurate flight decks available. This commitment to true-to-life precision produces a flight deck geometry that is highly accurate, ensuring superior learning and muscle memory.



ENTERPRISE-LEVEL PARTNERSHIP

Our team is available to help your group succeed. We view our relationship as a long-term partnership. We'll provide on-site set-up, status meetings, and in-house tech support when you need it. We'll manage the tech and logistics so you can focus on training.



STANDARDIZED PROCEDURES

Imagine having every one of your pilots trained by an exceptional instructor. With FlightDeckToGo®, all users get the same standardized training in every session, learning exactly what you want them to learn.



LMS INTEGRATION

Our products provide data for integration with learning management systems allowing for simple integration into existing platforms. This feature allows you to track students over time to ensure appropriate task completion and skill development.



DATA CAPTURE FOR MULTIPLE PURPOSES

You can capture and collect data directly from the headset for analysis and regulatory requirements. Determine how long each pilot spends time in the headset. Provide targeted feedback. Identify continuous weak points for further instruction. Adjust training footprints based on numerical outcomes. Partner with our data science team to analyze subjective and objective data.



Visionary
Training
Resources

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Premium features in enhanced tiers

While FlightDeckToGo® Base provides your organization with an unparalleled VR training experience, we've also created additional levels of training opportunities. These premium tiers allow us to provide a comprehensive solution for airlines and professional operators with advanced training requirements. Consider these premium features to further engage your pilots and simulate the most detailed and advanced portions of training before the simulator – saving your organization time and training costs.

FlightDeckToGo® Plus

includes all features of Base and adds:



EYE TRACKING VISUAL TASK TRAINING

FlightDeckToGo® uses true visual eye tracking mapped to specific targets for those procedural steps that require visual verification. Never before have we had the ability to verify pilots were looking exactly where they need to look.



CUSTOM FLOWS AND CHECKLISTS

We'll work directly with your flight training department to incorporate your custom flows and checklists into your unique flight decks. You'll be involved in the entire process and share input as we design a virtual instructor specific for your pilots.



FLIGHT DECK ORIENTATION

Allow your pilots to gain familiarity inside the flight deck with this enhanced training module. The flight deck orientation allows pilots to learn more about aircraft systems and controls in a realistic flight deck environment. This feature brings aircraft systems to life in a 3-D VR setting.



REMOTE VIEW

This high tech enabled feature allows instructors or other individuals to observe the headset environment from a Wi-Fi connected device. With Remote View, we have created an opportunity for physical separation from the instructor and student, further eliminating a potential geographic burden.



FMC PREFLIGHT

Allow your pilots to spend more time flying in the simulator and less time setting up "the box" to gain additional efficiency in one of your most expensive training resources. We'll focus on the FMC; you focus on flying procedures.

FlightDeckToGo® Plus is especially designed for airlines, cargo operators, and business charter organizations. We'll continue to provide enterprise-level support throughout our entire partnership.

FlightDeckToGo® Premium

includes all features of Plus and adds:



MULTIPLAYER CAPABILITY

Create interactive training scenarios with real-time instructor-led sessions. Incorporate CRM techniques and live flight deck management. Gain immediate feedback and insights into student performance during 1:1 or multi-student training.



MEMORY ITEMS

Further cement learning and understanding of aircraft memory items during non-normal situations. This feature allows your pilots to train and practice the required actions, improving recall during high workload scenarios.



NORMAL SCENARIOS

Provide additional support for training in a normal operating environment. Partner with our team to identify and create normal scenarios for additional training procedures. Allow students to further deepen their knowledge of flows and checklists during routine operational activities.



NON-NORMALS

Build advanced proficiency in basic and exceptional emergency scenarios. Provide your pilots with the confidence they need to solve emergencies before they happen in actual flight situations. Create your own examples based on your flight routes, aircraft, and threats.

FlightDeckToGo® Premium is built for companies that require the most advanced and superior options for the ultimate training experience.

Founded by pilots, for pilots.

Visionary Training Resources (VTR) was founded by pilots with extensive safety and training backgrounds — with airlines, the military, and private aviation — who understand the importance of effective training in modern times. Creating simulator-ready pilots is what we do.

As a company founded by pilots, we absolutely recognize the thrill of flight. But we also understand that our primary goal as aviators is to transport people and products safely. That's why we built VTR. To incorporate the highest levels of technology into the building blocks of flight procedures. When safety starts on the ground, it continues in the air.

